

GARGANTUA 8 REST API

GARGANTUA 8 REST API

TABLE OF CONTENTS

GARGANTUA 7 REST API BASICS	37
Communicating with the Gargantua server	37
REST API access URL	37
REST API services	38
Object keys	41
OBJECT REFERENCE	45
Package com.siatel.defs	47
Interfaces	47
Archive	47
Commented	49
Dated	50
DatedEx	51
Deletable	52
Deployable	53
DeployableEx	54
Described	55
Expirable	56
Flagged	57
Identified	58
Labeled	60
Lifecycled	61
Managed	62
Modified	63
Numbered	64
Owned	65
Packageable	66
Parsable	67
Presented	68
Prioritized	68
Realized	70
RealizedEx	71
Referenced	72
Sampled	73
Securable	74
Shared	75
Tagged	77

<i>Timeboxed</i>	78
<i>TimeboxedEx</i>	79
<i>Timed</i>	80
<i>UUIDEnabled</i>	81
<i>Version</i>	82
<i>Versioned</i>	83
<i>Viewable</i>	84
<i>ViewableEx</i>	86
Package com.siatel.domain	86
Interfaces	86
<i>ArchiveComment</i>	86
<i>ArchiveDocument</i>	88
<i>ArchiveDocumentVersion</i>	89
<i>ArchiveFolder</i>	90
<i>ArchiveNote</i>	91
<i>Assignment</i>	92
<i>Attribute</i>	93
<i>Certificate</i>	94
<i>ClassificationElement</i>	95
<i>ClassificationTreeElement</i>	96
<i>Comment</i>	97
<i>Database</i>	98
<i>Dependency</i>	99
<i>DistributionListEntry</i>	100
<i>Document</i>	101
<i>DocumentVersion</i>	102
<i>ExpirableDownloadLink</i>	103
<i>ExtendedProperty</i>	104
<i>Folder</i>	105
<i>Form</i>	106
<i>Grid</i>	107
<i>Group</i>	108
<i>HierarchyCreator</i>	109
<i>InterventionReport</i>	110
<i>IsJob</i>	111
<i>Layouted</i>	112
<i>Lifecycle</i>	113
<i>Manager</i>	114
<i>ModelOCR</i>	115
<i>Note</i>	116
<i>ObjectExtendedProperty</i>	117
<i>Package</i>	118

<i>Planner</i>	119
<i>PlannerDay</i>	120
<i>Portal</i>	121
<i>Process</i>	122
<i>ProcessDefinition</i>	123
<i>ProcessDefinitionVersion</i>	124
<i>Resource</i>	125
<i>Role</i>	126
<i>Rule</i>	127
<i>Script</i>	128
<i>Storage</i>	129
<i>Task</i>	130
<i>Type</i>	131
<i>User</i>	132
<i>UserDelegation</i>	133
<i>View</i>	134
<i>ViewElement</i>	135
<i>ViewElementVersion</i>	137
<i>ViewVersion</i>	139
Classes	139
<i>Flag</i>	139
<i>Prefix</i>	177
<i>Tag</i>	208
<i>Operator</i>	209

COMMAND REFERENCE211

auth service	213
user	213
<i>/auth/authenticate/user</i>	213
<i>/auth/change_pass/user</i>	214
<i>/auth/impersonate/user</i>	215
<i>/auth/login/user</i>	216
<i>/auth/logout/user</i>	217
connection_data	217
<i>/auth/get/connection_data</i>	218
paired_server_recv	218
<i>/auth/login/paired_server_recv</i>	219
<i>/auth/logout/paired_server_recv</i>	220
paired_server_send	220
<i>/auth/login/paired_server_send</i>	221
<i>/auth/logout/paired_server_send</i>	222
signature	222

<i>/auth/add/signature</i>	223
<i>/auth/add/signature</i>	224
<i>/auth/enumerate/signature</i>	224
admin service	225
actor_database	225
<i>/admin/update/actor_database</i>	225
aggregated_file	225
<i>/admin/enumerate/aggregated_file</i>	226
assignments	226
group_user	226
<i>/admin/create/group_user</i>	226
<i>/admin/delete/group_user</i>	228
<i>/admin/enumerate/group_user</i>	228
group_role	229
<i>/admin/create/group_role</i>	230
<i>/admin/read/group_role</i>	232
<i>/admin/delete/group_role</i>	233
<i>/admin/enumerate/group_role</i>	234
group_database	234
<i>/admin/create/group_database</i>	235
<i>/admin/read/group_database</i>	236
<i>/admin/delete/group_database</i>	237
<i>/admin/enumerate/group_database</i>	238
group_portal	239
<i>/admin/create/group_portal</i>	240
<i>/admin/read/group_portal</i>	241
<i>/admin/delete/group_portal</i>	242
<i>/admin/enumerate/group_portal</i>	243
user_role	243
<i>/admin/create/user_role</i>	244
<i>/admin/read/user_role</i>	246
<i>/admin/delete/user_role</i>	247
<i>/admin/enumerate/user_role</i>	248
user_database	248
<i>/admin/create/user_database</i>	249
<i>/admin/read/user_database</i>	250
<i>/admin/delete/user_database</i>	251
<i>/admin/enumerate/user_database</i>	252
<i>/admin/check/user_database</i>	253
user_portal	253
<i>/admin/create/user_portal</i>	254
<i>/admin/read/user_portal</i>	255

/admin/delete/user_portal.....	256
/admin/enumerate/user_portal.....	257
role_portal.....	257
/admin/create/role_portal.....	258
/admin/read/role_portal.....	259
/admin/delete/role_portal.....	260
/admin/enumerate/role_portal.....	261
role_database.....	261
/admin/create/role_database.....	262
/admin/read/role_database.....	263
/admin/delete/role_database.....	264
/admin/enumerate/role_database.....	265
certificate.....	268
/admin/create/certificate.....	269
/admin/delete/certificate.....	270
/admin/count/certificate.....	271
/admin/deploy/certificate.....	272
/admin/enumerate/certificate.....	273
/admin/read/certificate.....	274
/admin/undeploy/certificate.....	275
/admin/update/certificate.....	276
database.....	277
/admin/create/database.....	277
/admin/read/database.....	279
/admin/delete/database.....	283
/admin/enumerate/database.....	284
/admin/get_extinfo/database.....	287
/admin/count/database.....	293
/admin/create/fulltext_database.....	294
/admin/delete/fulltext_database.....	295
/admin/delete/lcn_databaseindex.....	296
/admin/get_indirectassigs/database.....	297
/admin/ping/database.....	298
/admin/update/database.....	299
external_email_user.....	299
/admin/create/external_email_user.....	300
/admin/analyze/external_email_user.....	301
/admin/check/external_email_user.....	302
/admin/notify/external_email_user.....	303
extended_property.....	304
/admin/create/extended_property.....	305
/admin/read/extended_property.....	306

<i>/admin/update/extended_property</i>	307
<i>/admin/delete/extended_property</i>	308
<i>/admin/delete/extended_property/unused</i>	309
<i>/admin/enumerate/extended_property</i>	310
<i>/admin/count/extended_property</i>	311
<i>/admin/duplicate/extended_property</i>	312
<i>/admin/touch/extended_property</i>	313
group	314
<i>/admin/create/group</i>	314
<i>/admin/read/group</i>	316
<i>/admin/update/group</i>	318
<i>/admin/delete/group</i>	320
<i>/admin/enumerate/group</i>	321
<i>/admin/check/ldap_group</i>	323
<i>/admin/count/group</i>	324
<i>/admin/get_extinfo/group</i>	325
<i>/admin/get_indirectassigs/group</i>	326
intervention_report	327
<i>/admin/create/intervention_report</i>	328
<i>/admin/delete/intervention_report</i>	329
<i>/admin/enumerate/intervention_report</i>	330
<i>/admin/read/intervention_report</i>	331
<i>/admin/update/intervention_report</i>	332
ldap_user	332
<i>/admin/create/ldap_user</i>	333
<i>/admin/enumerate/ldap_user</i>	334
<i>/admin/check/ldap_user</i>	335
<i>/admin/synchronize/ldap_user</i>	336
manager	336
<i>/admin/enumerate/manager</i>	337
<i>/admin/read/manager</i>	338
manager_user	339
<i>/admin/create/manager_user</i>	340
<i>/admin/delete/manager_user</i>	341
<i>/admin/check/manager_user</i>	342
<i>/admin/enumerate/manager_user</i>	343
<i>/admin/read/manager_user</i>	344
object_extended_property	344
<i>/admin/create/object_extended_property</i>	345
<i>/admin/read/object_extended_property</i>	346
<i>/admin/update/object_extended_property</i>	347
<i>/admin/update/object_extended_property/for_object</i>	348

<i>/admin/delete/object_extended_property.....</i>	<i>349</i>
<i>/admin/delete/object_extended_property/for_object.....</i>	<i>350</i>
<i>/admin/enumerate/object_extended_property.....</i>	<i>351</i>
<i>/admin/enumerate/object_extended_property/for_object.....</i>	<i>352</i>
<i>/admin/enumerate/object_extended_property/for_extended_property.....</i>	<i>353</i>
<i>planner.....</i>	<i>354</i>
<i>/admin/create/planner.....</i>	<i>355</i>
<i>/admin/delete/planner.....</i>	<i>356</i>
<i>/admin/check/planner.....</i>	<i>357</i>
<i>/admin/count/planner.....</i>	<i>358</i>
<i>/admin/deploy/planner.....</i>	<i>359</i>
<i>/admin/duplicate/planner.....</i>	<i>360</i>
<i>/admin/enumerate/planner.....</i>	<i>361</i>
<i>/admin/read/planner.....</i>	<i>362</i>
<i>/admin/update/planner.....</i>	<i>363</i>
<i>plannerday.....</i>	<i>363</i>
<i>/admin/create/plannerday.....</i>	<i>364</i>
<i>/admin/read/plannerday.....</i>	<i>365</i>
<i>/admin/update/plannerday.....</i>	<i>366</i>
<i>/admin/delete/plannerday.....</i>	<i>367</i>
<i>/admin/enumerate/plannerday.....</i>	<i>368</i>
<i>portal.....</i>	<i>369</i>
<i>/admin/create/portal.....</i>	<i>370</i>
<i>/admin/delete/portal.....</i>	<i>371</i>
<i>/admin/count/portal.....</i>	<i>372</i>
<i>/admin/duplicate/portal.....</i>	<i>373</i>
<i>/admin/enumerate/portal.....</i>	<i>374</i>
<i>/admin/read/portal.....</i>	<i>375</i>
<i>/admin/update/portal.....</i>	<i>376</i>
<i>portal_display.....</i>	<i>376</i>
<i>/admin/create/portal_display.....</i>	<i>377</i>
<i>/admin/read/portal_display.....</i>	<i>378</i>
<i>/admin/update/portal_display.....</i>	<i>379</i>
<i>/admin/delete/portal_display.....</i>	<i>380</i>
<i>/admin/enumerate/portal_display.....</i>	<i>381</i>
<i>portal_doclist.....</i>	<i>381</i>
<i>/admin/create/portal_doclist.....</i>	<i>382</i>
<i>/admin/read/portal_doclist.....</i>	<i>383</i>
<i>/admin/update/portal_doclist.....</i>	<i>384</i>
<i>/admin/delete/portal_doclist.....</i>	<i>385</i>
<i>/admin/enumerate/portal_doclist.....</i>	<i>386</i>
<i>role.....</i>	<i>387</i>

<i>/admin/create/role</i>	387
<i>/admin/read/role</i>	389
<i>/admin/update/role</i>	391
<i>/admin/delete/role</i>	393
<i>/admin/enumerate/role</i>	394
<i>/admin/count/role</i>	396
<i>/admin/get_extinfo/role</i>	397
<i>/admin/get/role</i>	398
<i>/admin/validate/role</i>	399
rule	399
<i>/admin/create/rule</i>	400
<i>/admin/read/rule</i>	401
<i>/admin/delete/rule</i>	402
<i>/admin/enumerate/rule</i>	403
<i>/admin/count/rule</i>	404
registry_entry	404
<i>/admin/create/registry_entry</i>	405
<i>/admin/read/registry_entry</i>	406
<i>/admin/delete/registry_entry</i>	407
<i>/admin/enumerate/registry_entry</i>	408
resource	409
<i>/admin/create/resource</i>	410
<i>/admin/delete/resource</i>	411
<i>/admin/count/resource</i>	412
<i>/admin/enumerate/resource</i>	413
<i>/admin/read/resource</i>	414
<i>/admin/update/resource</i>	415
script_admin	416
<i>/admin/create/script_admin</i>	417
<i>/admin/delete/script_admin</i>	418
<i>/admin/duplicate/script_admin</i>	419
<i>/admin/enumerate/script_admin</i>	420
<i>/admin/read/script_admin</i>	421
<i>/admin/update/script_admin</i>	422
server_account.....	423
<i>/admin/delete/server_account</i>	424
<i>/admin/check/server_account</i>	425
<i>/admin/create/server_account</i>	426
<i>/admin/generate/server_account</i>	427
<i>/admin/synchronize/server_account</i>	428
server_report	429
<i>/admin/create/server_report</i>	430

/admin/enumerate/server_report.....	431
/admin/read/server_report.....	432
session.....	432
/admin/enumerate/session.....	433
storage.....	434
/admin/create/storage.....	435
/admin/delete/storage.....	436
/admin/count/storage.....	437
/admin/check/storage.....	438
/admin/enumerate/storage.....	439
/admin/read/storage.....	440
/admin/update/storage.....	441
stopfile.....	441
/admin/get/stopfile.....	442
/admin/set/stopfile.....	443
system_list.....	443
/admin/query/system_list.....	444
temp_secu_rights.....	444
/admin/read/temp_secu_rights.....	445
/admin/update/temp_secu_rights.....	446
user.....	446
/admin/create/user.....	446
/admin/read/user.....	448
/admin/update/user.....	451
/admin/delete/user.....	453
/admin/enumerate/user.....	454
/admin/get_extinfo/user.....	457
/admin/activate/user.....	458
/admin/check/user.....	459
/admin/copy/user.....	460
/admin/count/user.....	461
/admin/deactivate/user.....	462
/admin/disconnect/user/from_server.....	463
/admin/disconnect/user/from_database.....	464
/admin/purge/user.....	465
/admin/undelete/user.....	466
/admin/update_default/user.....	467
/admin/update_external/user.....	468
/admin/update_pass/user.....	469
user_profile.....	470
/admin/create/user_profile.....	471
/admin/create/user_profile/from_web.....	472

/admin/read/user_profile	473
/admin/update/user_profile	474
/admin/count/user_profile	475
/admin/duplicate/user_profile	476
/admin/change/user_profile	477
/admin/enumerate/user_profile	478
/admin/enumerate/user_profile/usecache	479
/admin/update/user_profile/from_web	480
user_delegation	481
/admin/create/user_delegation	482
/admin/create/user_delegation/from_web	483
/admin/read/user_delegation	484
/admin/update/user_delegation	485
/admin/delete/user_delegation	486
/admin/enumerate/user_delegation	487
/admin/activate/user_delegation	487
/admin/check/user_delegation/user_connected	488
/admin/check/user_delegation	489
/admin/deactivate/user_delegation	490
miscellaneous	491
/admin/check	492
/admin/count/database_objects	493
/admin/delegate_ownership	494
/admin/delegate_ownership_admin	495
/admin/delete/user_data	496
audit service	497
audit_entry	497
/admin/create/audit_entry	497
/admin/delete/audit_entry/full	498
/admin/count/audit_entry	499
/admin/query/audit_entry	500
audit_config	500
/admin/load/audit_config	501
/admin/save/audit_config	502
config service	503
server_anonymous_config	503
/config/read/server_anonymous_config	503
/config/save/server_anonymous_config	504
server_asyncjob_config	504
/config/read/server_asyncjob_config	505
/config/save/server_asyncjob_config	506
server_backup	506

<i>/config/cancel/server_backup</i>	507
<i>/config/query/server_backup</i>	508
<i>/config/start/server_backup</i>	509
server_database.....	509
<i>/config/check/server_database</i>	510
<i>/config</i>	511
<i>/config/update/server_database</i>	512
licenses_by_comp	512
<i>/config/query/licenses_by_comp</i>	513
server_dbengine	513
<i>/config/get/server_dbengine</i>	514
server_license	514
<i>/config/get/server_license</i>	515
database_instance	515
<i>/config/create/database_instance</i>	516
<i>/config/enumerate/database_instance</i>	517
<i>/config/repair/database_instance</i>	518
<i>/config/update/database_instance</i>	519
status.....	519
<i>/config/query/status</i>	520
workflow_layout_file	520
<i>/config/read/workflow_layout_file</i>	521
<i>/config/save/workflow_layout_file</i>	522
server_email_config.....	522
<i>/config/read/server_email_config</i>	523
<i>/config/save/server_email_config</i>	524
email_connection.....	524
<i>/config/test/email_connection</i>	525
server_database_sn	525
<i>/config/get/server_database_sn</i>	526
server_option	526
<i>/config/get/server_option</i>	527
<i>/config/set/server_option</i>	528
server_install_code	528
<i>/config/get/server_install_code</i>	529
server_ipfilters_config.....	529
<i>/config/read/server_ipfilters_config</i>	530
<i>/config/save/server_ipfilters_config</i>	531
ldap_connection.....	531
<i>/config/test/ldap_connection</i>	532
server_ldap_config.....	532
<i>/config/read/server_ldap_config</i>	533

/config/save/server_ldap_config	534
server_config.....	534
/config/read/server_config	535
/config/save/server_config	536
server	536
/config/maintenance/server.....	537
/config/re.....	538
/config/stop/server.....	539
/config/start/server	540
/config/suspend/server	541
server_signature_config.....	541
/config/read/server_signature_config	542
/config/save/server_signature_config	543
server_sso_config	543
/config/read/server_sso_config	544
/config/save/server_sso_config	545
server_streaming_config.....	545
/config/read/server_streaming_config	546
/config/save/server_streaming_config	547
server_syslog_config	547
/config/read/server_syslog_config.....	548
/config/save/server_syslog_config.....	549
design service	550
attribute	550
/design/create/attribute	550
/design/read/attribute	551
/design/enumerate/attribute	553
/design/check/attribute.....	556
/design/count/attribute.....	557
/design/duplicate/attribute.....	558
/design/create_index/attribute	559
/design/delete/attribute.....	560
/design/delete_index/attribute	561
/design/merge/attribute	562
/design/get/attribute	563
/design/update/attribute	564
form.....	564
/design/read/form.....	565
/design/enumerate/form	567
/design/compile/form	569
/design/copy/form.....	570
/design/count/form	571

<i>/design/duplicate/form</i>	572
<i>/design/create/form</i>	573
<i>/design/delete/form</i>	574
<i>/design/deploy/form</i>	575
<i>/design/generate_file/form</i>	576
<i>/design/replace/form</i>	577
<i>/design/undeploy/form</i>	578
<i>/design/update/form</i>	579
<i>type</i>	579
<i>/design/read/type</i>	580
<i>/design/enumerate/type</i>	582
<i>/design/analyze/type</i>	584
<i>/design/count/type</i>	585
<i>/design/duplicate/type</i>	586
<i>/design/create/type</i>	587
<i>/design/delete/type</i>	588
<i>/design/import/type</i>	589
<i>/design/merge/type</i>	590
<i>/design/replace_candidates/type</i>	591
<i>/design/update/type</i>	592
<i>package</i>	592
<i>/design/addobjects/package</i>	593
<i>/design/count/package</i>	594
<i>/design/duplicate/package</i>	595
<i>/design/create/package</i>	596
<i>/design/delete/package</i>	597
<i>/design/analyze/package</i>	598
<i>/design/enumerate/package</i>	599
<i>/design/read/package</i>	600
<i>/design/update/package</i>	601
<i>composition_rule</i>	601
<i>/design/analyze/composition_rule</i>	602
<i>/design/compile/composition_rule</i>	603
<i>/design/count/composition_rule</i>	604
<i>/design/create/composition_rule</i>	605
<i>/design/delete/composition_rule</i>	606
<i>/design/deploy/composition_rule</i>	607
<i>/design/duplicate/composition_rule</i>	608
<i>/design/enumerate/composition_rule</i>	609
<i>/design/evaluate/composition_rule</i>	610
<i>/design/check/composition_rule</i>	611
<i>/design/read/composition_rule</i>	612

/design/undeploy/composition_rule	613
/design/update/composition_rule.....	614
counter	614
/design/reposition/counter	615
/design/restart/counter.....	616
precondition	616
/design/check_deploy/precondition.....	617
/design/check_undeploy/precondition.....	618
folder_profile	618
/design/check/folder_profile	619
/design/count/folder_profile	620
/design/create/folder_profile.....	621
/design/delete/folder_profile	622
/design/duplicate/folder_profile	623
/design/enumerate/folder_profile	624
/design/read/folder_profile.....	625
/design/update/folder_profile.....	626
mail_template	626
/design/check/mail_template	627
/design/count/mail_template	628
/design/create/mail_template	629
/design/delete/mail_template	630
/design/duplicate/mail_template	631
/design/enumerate/mail_template.....	632
/design/read/mail_template	633
/design/update/mail_template	634
security_profile	634
/design/check/security_profile	635
/design/count/security_profile	636
/design/create/security_profile.....	637
/design/delete/security_profile	638
/design/duplicate/security_profile	639
/design/enumerate/security_profile	640
/design/read/security_profile.....	641
/design/update/security_profile.....	642
database	642
/design/cleanup/database	643
/design/compile/database	644
/design/deploy/database	645
/design/undeploy/database	646
process_def	646
/design/cleanup/process_def.....	647

<i>/design/compile/process_def</i>	648
<i>/design/count/process_def</i>	649
<i>/design/duplicate/process_def</i>	650
<i>/design/create/process_def</i>	651
<i>/design/delete/process_def</i>	652
<i>/design/deploy/process_def</i>	653
<i>/design/enumerate/process_def</i>	654
<i>/design/history/process_def</i>	655
<i>/design/optimize_debug/process_def</i>	656
<i>/design/optimize_runtime/process_def</i>	657
<i>/design/read/process_def</i>	658
<i>/design/undeploy/process_def</i>	659
<i>/design/update/process_def</i>	660
<i>isjob</i>	660
<i>/design/compile/isjob</i>	661
<i>/design/count/isjob</i>	662
<i>/design/duplicate/isjob</i>	663
<i>/design/create/isjob</i>	664
<i>/design/delete/isjob</i>	665
<i>/design/deploy/isjob</i>	666
<i>/design/enumerate/isjob</i>	667
<i>/design/read/isjob</i>	668
<i>/design/undeploy/isjob</i>	669
<i>/design/update/isjob</i>	670
<i>model_ocr</i>	670
<i>/design/compile/model_ocr</i>	671
<i>/design/count/model_ocr</i>	672
<i>/design/duplicate/model_ocr</i>	673
<i>/design/create/model_ocr</i>	674
<i>/design/delete/model_ocr</i>	675
<i>/design/deploy/model_ocr</i>	676
<i>/design/enumerate/model_ocr</i>	677
<i>/design/read/model_ocr</i>	678
<i>/design/undeploy/model_ocr</i>	679
<i>/design/update/model_ocr</i>	680
<i>script</i>	680
<i>/design/compile/script</i>	681
<i>/design/count/script</i>	682
<i>/design/create/script</i>	683
<i>/design/delete/script</i>	684
<i>/design/deploy/script</i>	685
<i>/design/duplicate/script</i>	686

/design/enumerate/script	687
/design/read/script	688
/design/undeploy/script	689
/design/update/script	690
view	690
/design/compile/view	691
/design/copy/view	692
/design/count/view	693
/design/duplicate/view	694
/design/create/view	695
/design/delete/view	696
/design/deploy/view	697
/design/enumerate/view	698
/design/read/view	699
/design/undeploy/view	700
/design/update/view	701
access_level	701
/design/count/access_level	702
/design/create/access_level	703
/design/delete/access_level	704
/design/enumerate/access_level	705
/design/read/access_level	706
/design/update/access_level	707
document_template	707
/design/count/document_template	708
/design/create/document_template	709
/design/delete/document_template	710
/design/duplicate/document_template	711
/design/enumerate/document_template	712
/design/read/document_template	713
/design/update/document_template	714
grid	714
/design/count/grid	715
/design/create/grid	716
/design/delete/grid	717
/design/duplicate/grid	718
/design/enumerate/grid	719
/design/read/grid	720
/design/update/grid	721
validation_cycle	721
/design/count/validation_cycle	722
/design/create/validation_cycle	723

<i>/design/delete/validation_cycle</i>	724
<i>/design/duplicate/validation_cycle</i>	725
<i>/design/enumerate/validation_cycle</i>	726
<i>/design/read/validation_cycle</i>	727
<i>/design/update/validation_cycle</i>	728
composition_rule_version	728
<i>/design/create/composition_rule_version</i>	729
<i>/design/delete/composition_rule_version</i>	730
<i>/design/enumerate/composition_rule_version</i>	731
<i>/design/read/composition_rule_version</i>	732
<i>/design/update/composition_rule_version</i>	733
form_attribute	733
<i>/design/create/form_attribute</i>	734
<i>/design/delete/form_attribute</i>	735
<i>/design/enumerate/form_attribute</i>	736
<i>/design/read/form_attribute</i>	737
form_version	737
<i>/design/create/form_version</i>	738
<i>/design/delete/form_version</i>	739
<i>/design/enumerate/form_version</i>	740
<i>/design/read/form_version</i>	741
<i>/design/update/form_version</i>	742
group_isjob	742
<i>/design/create/group_isjob</i>	743
<i>/design/delete/group_isjob</i>	744
<i>/design/enumerate/group_isjob</i>	745
<i>/design/read/group_isjob</i>	746
group_process_def	746
<i>/design/create/group_process_def</i>	747
<i>/design/delete/group_process_def</i>	748
<i>/design/enumerate/group_process_def</i>	749
<i>/design/read/group_process_def</i>	750
group_view	750
<i>/design/create/group_view</i>	751
<i>/design/delete/group_view</i>	752
<i>/design/enumerate/group_view</i>	753
<i>/design/read/group_view</i>	754
is_job_version	754
<i>/design/create/is_job_version</i>	755
<i>/design/delete/is_job_version</i>	756
<i>/design/enumerate/is_job_version</i>	757
<i>/design/read/is_job_version</i>	758

/design/update/is_job_version	759
model_ocr_version	759
/design/create/model_ocr_version	760
/design/delete/model_ocr_version	761
/design/enumerate/model_ocr_version	762
/design/read/model_ocr_version	763
/design/update/model_ocr_version	764
process_def_version	764
/design/create/process_def_version	765
/design/delete/process_def_version	766
/design/enumerate/process_def_version	767
/design/read/process_def_version	768
/design/update/process_def_version	769
role_isjob	769
/design/create/role_isjob	770
/design/delete/role_isjob	771
/design/enumerate/role_isjob	772
/design/read/role_isjob	773
role_process_def	773
/design/create/role_process_def	774
/design/delete/role_process_def	775
/design/enumerate/role_process_def	776
/design/read/role_process_def	777
role_view	777
/design/create/role_view	778
/design/delete/role_view	779
/design/enumerate/role_view	780
/design/read/role_view	781
script_version	781
/design/create/script_version	782
/design/delete/script_version	783
/design/enumerate/script_version	784
/design/read/script_version	785
/design/update/script_version	786
user_isjob	786
/design/create/user_isjob	787
/design/delete/user_isjob	788
/design/enumerate/user_isjob	789
/design/read/user_isjob	790
user_process_def	790
/design/create/user_process_def	791
/design/delete/user_process_def	792

/design/enumerate/user_process_def	793
/design/read/user_process_def	794
user_view	794
/design/create/user_view	795
/design/delete/user_view	796
/design/enumerate/user_view	797
/design/read/user_view	798
view_element	798
/design/create/view_element	799
/design/delete/view_element	800
/design/enumerate/view_element	801
/design/move/view_element	802
/design/read/view_element	803
/design/reposition/view_element	804
/design/update/view_element	805
view_version	805
/design/create/view_version	806
/design/delete/view_version	807
/design/enumerate/view_version	808
/design/read/view_version	809
/design/update/view_version	810
localized_label	810
/design/delete/localized_label	811
/design/read/localized_label	812
/design/save/localized_label	813
custom_procedure	813
/design/enumerate/custom_procedure	814
design_object	814
/design/enumerate/design_object	815
/design/revert/design_object	816
dependency	816
/design/enumerate/dependency	817
/design/get/dependency	818
form_page	818
/design/enumerate/form_page	819
process_group	819
/design/enumerate/process_group	820
process_startpoint	820
/design/enumerate/process_startpoint	821
view_element_version	821
/design/enumerate/view_element_version	822
/design/read/view_element_version	823

localized_value	823
/design/get/localized_value	824
view_deployment.....	824
/design/read/view_deployment.....	825
compile_results	825
/design/get/compile_results	826
export_input	826
/design/get/export_input.....	827
ged service	828
folder	829
/ged/create/folder.....	829
/ged/read/folder	831
/ged/update/folder	833
/ged/delete/folder.....	836
/ged/enumerate/folder	837
/ged/count/folder.....	839
/ged/reposition/folder.....	840
/ged/move/folder	842
/ged/delete/folder/trash	843
/ged/enumerate/folder/trash	844
/ged/get_info/folder	845
/ged/get/folder/trash.....	846
/ged/reorder_folder_content/folder	847
/ged/restore/folder/trash.....	848
document	849
/ged/create/document.....	850
/ged/read/document.....	852
/ged/update/document.....	854
/ged/delete/document	856
/ged/enumerate/document	857
/ged/move/document	859
/ged/reposition/document.....	861
/ged/count/document	863
/ged/pinop/document.....	864
/ged/unpinop/document.....	866
/ged/create_ft/document.....	867
/ged/checkin/document	868
/ged/checkout/document.....	869
/ged/copy/document.....	870
/ged/count/document/checked_out	871
/ged/delete/document/trash	872
/ged/enumerate/document/checked_out.....	873

<i>/ged/enumerate/document/trash.....</i>	<i>874</i>
<i>/ged/get/document/trash.....</i>	<i>875</i>
<i>/ged/lock/document.....</i>	<i>876</i>
<i>/ged/move_ft/document.....</i>	<i>877</i>
<i>/ged/get_position/document.....</i>	<i>878</i>
<i>/ged/read_by_uuid/document.....</i>	<i>879</i>
<i>/ged/reindex_ft/document.....</i>	<i>880</i>
<i>/ged/relocate/document.....</i>	<i>881</i>
<i>/ged/delete_ft/document.....</i>	<i>882</i>
<i>/ged/restore/document/trash.....</i>	<i>883</i>
<i>/ged/revert/document.....</i>	<i>884</i>
<i>/ged/tag/document.....</i>	<i>885</i>
<i>/ged/unlock/document.....</i>	<i>886</i>
<i>/ged/update_ft/document.....</i>	<i>887</i>
archive.....	888
<i>/ged/move/active_archive.....</i>	<i>889</i>
<i>/ged/move/archive_active.....</i>	<i>890</i>
note.....	890
<i>/ged/create_ft/note.....</i>	<i>891</i>
<i>/ged/create/note.....</i>	<i>892</i>
<i>/ged/delete/note.....</i>	<i>893</i>
<i>/ged/enumerate/note.....</i>	<i>894</i>
<i>/ged/move/note.....</i>	<i>895</i>
<i>/ged/move_ft/note.....</i>	<i>896</i>
<i>/ged/read/note.....</i>	<i>897</i>
<i>/ged/reindex_ft/note.....</i>	<i>898</i>
<i>/ged/delete_ft/note.....</i>	<i>899</i>
<i>/ged/update/note.....</i>	<i>900</i>
object.....	900
<i>/ged/autoposition/object.....</i>	<i>901</i>
<i>/ged/check/object.....</i>	<i>902</i>
<i>/ged/update_display_profile/object.....</i>	<i>903</i>
action.....	903
<i>/ged/check/action.....</i>	<i>904</i>
<i>/ged/confirm/action.....</i>	<i>905</i>
object_link.....	905
<i>/ged/check/object_link.....</i>	<i>906</i>
<i>/ged/count/object_link.....</i>	<i>907</i>
<i>/ged/create/object_link.....</i>	<i>908</i>
<i>/ged/delete/object_link.....</i>	<i>909</i>
<i>/ged/enumerate/object_link.....</i>	<i>910</i>
<i>/ged/read/object_link.....</i>	<i>911</i>

/ged/update/object_link	912
objects.....	912
/ged/check/objects/trash.....	913
/ged/count/objects/trash.....	914
/ged/enumerate/objects/trash	915
/ged/paste/objects	916
/ged/update/objects	917
comment.....	917
/ged/count/comment.....	918
/ged/create/comment.....	919
/ged/delete/comment.....	920
/ged/enumerate/comment	921
/ged/read/comment.....	922
/ged/update/comment.....	923
validation_cycle.....	923
/ged/count/validation_cycle	924
/ged/delete/validation_cycle	925
/ged/enumerate/validation_cycle.....	926
/ged/get/validation_cycle	927
/ged/read/validation_cycle	928
/ged/set/validation_cycle.....	929
/ged/start/validation_cycle.....	930
/ged/stop/validation_cycle	931
favorite	931
/ged/count/favorite.....	932
/ged/create/favorite.....	933
/ged/delete/favorite.....	934
/ged/enumerate/favorite	935
/ged/remove_from/favorite	936
object_reference	936
/ged/count/object_reference	937
/ged/enumerate/object_reference.....	938
version.....	938
/ged/count/version.....	939
/ged/create/version	940
/ged/delete/version.....	941
/ged/delete/version/trash	942
/ged/enumerate/version	943
/ged/enumerate/version/trash	944
/ged/get/version/trash.....	945
/ged/move/version.....	946
/ged/read/version	947

<i>/ged/restore/version/trash</i>	948
<i>/ged/update/version</i>	949
expirable_download_link	949
<i>/ged/create/expirable_download_link</i>	950
<i>/ged/delete/expirable_download_link</i>	951
<i>/ged/enumerate/expirable_download_link</i>	952
<i>/ged/read/expirable_download_link</i>	953
<i>/ged/update/expirable_download_link</i>	954
folder_hierarchy	954
<i>/ged/create/folder_hierarchy</i>	955
pin	955
<i>/ged/create/pin</i>	956
<i>/ged/move/pin</i>	957
archived_object	957
<i>/ged/delete/archived_object</i>	958
workspace_assignment	958
<i>/ged/delete/workspace_assignment</i>	959
<i>/ged/generate/workspace_assignment</i>	960
class_element	960
<i>/ged/enumerate/class_element</i>	961
<i>/ged/read/class_element</i>	962
<i>/ged/render_parent/class_element</i>	963
lifecycle_job	963
<i>/ged/enumerate/lifecycle_job</i>	964
<i>/ged/query/lifecycle_job</i>	965
<i>/ged/update/lifecycle_job</i>	966
workspace_user	966
<i>/ged/enumerate/workspace_user</i>	967
content_timestamp	967
<i>/ged/get/content_timestamp</i>	968
distribution_list	968
<i>/ged/get/distribution_list</i>	969
<i>/ged/set/distribution_list</i>	970
list_pdf	970
<i>/ged/get/list_pdf/trash</i>	971
active_archive	971
<i>/ged/move/active_archive</i>	972
archive_active	972
<i>/ged/move/archive_active</i>	973
id	973
<i>/ged/rebuild/id</i>	974
database	974

/ged/reindex_ft/database	975
doc_attributes	975
/ged/get/doc_attributes.....	976
flow service	977
inbox.....	977
/flow/query/inbox/grouped	977
/flow/get_summary/inbox	980
/flow/report/inbox/dirty.....	981
process	981
/flow/create/process	981
/flow/read/process.....	983
/flow/update/process.....	985
/flow/delete/process	987
/flow/enumerate/process.....	988
/flow/start/process.....	990
/flow/count/process/filtered	991
/flow/cancel/process	992
/flow/count/process/blocked	993
/flow/enumerate/process/blocked.....	994
/flow/enumerate/process/filtered.....	995
process_start_point	995
/flow/enumerate/process_start_point.....	996
task.....	997
/flow/read/task	998
/flow/enumerate/task	999
/flow/deassign/task	1002
/flow/accept/task	1003
/flow/assign/task	1004
/flow/cancel/task	1005
/flow/quit/task	1006
/flow/activate/task/invalid.....	1007
/flow/count/task	1008
/flow/create/task	1009
/flow/enumerate/task/invalid.....	1010
/flow/enumerate/task/by_proc_def	1011
/flow/expire/task.....	1012
/flow/finish/task.....	1013
/flow/postpone/task.....	1014
/flow/reactivate/task	1015
/flow/start/task.....	1016
/flow/set_form_id/task	1017
/flow/set_form_page/task	1018

/flow/choose/task	1019
/flow/update/task	1020
event	1020
/flow/count/event	1021
/flow/enumerate/event	1022
/flow/create/event	1023
count_procs	1023
/flow/ping/count_procs	1024
/flow/report/count_procs	1025
task_action	1025
/flow/enumerate/task_action	1026
process_definition	1026
/flow/enumerate/process_definition	1027
/flow/render/process_definition	1028
delay	1028
/flow/render/delay	1029
count_tasks	1029
/flow/report/count_tasks/by_task	1030
/flow/report/count_tasks/by_user	1031
duration_procs	1031
/flow/report/duration_procs	1032
misc service	1033
/misc/convert_to_html	1033
/misc/send_mail	1035
/misc/sign/document	1037
document	1041
/misc/certify/document	1042
/misc/sign/document	1043
async_job	1043
/misc/check_available/async_job	1044
/misc/confirm/async_job	1045
/misc/count/async_job	1046
/misc/create/async_job	1047
/misc/delete/async_job	1048
/misc/enumerate/async_job	1049
/misc/get_file/async_job	1050
/misc/suspend/async_job	1051
/misc/read/async_job	1052
/misc/resume/async_job	1053
/misc/set_file/async_job	1054
/misc/start/async_job	1055
/misc/stop/async_job	1056

<i>/misc/update/async_job</i>	1057
notification_definition.....	1057
<i>/misc/check/notification_definition</i>	1058
<i>/misc/count/notification_definition</i>	1059
<i>/misc/create/notification_definition</i>	1060
<i>/misc/delete/notification_definition</i>	1061
<i>/misc/enumerate/notification_definition</i>	1062
<i>/misc/read/notification_definition</i>	1063
<i>/misc/update/notification_definition</i>	1064
pdf_file	1064
<i>/misc/check/pdf_file</i>	1065
<i>/misc/create/pdf_file</i>	1066
<i>/misc/delete/pdf_file</i>	1067
<i>/misc/read/pdf_file</i>	1068
<i>/misc/save/pdf_file</i>	1069
notification	1069
<i>/misc/count/notification</i>	1070
<i>/misc/create/notification</i>	1071
<i>/misc/delete/notification</i>	1072
<i>/misc/enumerate/notification</i>	1073
<i>/misc/read/notification</i>	1074
<i>/misc/update/notification</i>	1075
thumb.....	1075
<i>/misc/create/thumb</i>	1076
user_certificate	1076
<i>/misc/create/user_certificate</i>	1077
<i>/misc/delete/user_certificate</i>	1078
debug	1078
debug_mail_attachment	1078
<i>/misc/convert_to_image/debug_mail_attachment</i>	1079
<i>/misc/get/debug_mail_attachment</i>	1080
debug_scripting_log_entry.....	1080
<i>/misc/enumerate/debug_scripting_log_entry</i>	1081
debug_scriptor_function	1081
<i>/misc/enumerate/debug_scriptor_function</i>	1082
debug_process_runtime	1082
<i>/misc/evaluate/debug_process_runtime</i>	1083
debug_scriptor_exit_action.....	1083
<i>/misc/evaluate/debug_scriptor_exit_action</i>	1084
debug_scriptor_expression.....	1084
<i>/misc/evaluate/debug_scriptor_expression</i>	1085
debug_scriptor_go_action.....	1085

/misc/evaluate/debug_scriptor_go_action	1086
debug_scriptor_step_into_action	1086
/misc/evaluate/debug_scriptor_step_into_action	1087
debug_scriptor_step_out_action	1087
/misc/evaluate/debug_scriptor_step_out_action	1088
debug_scriptor_step_over_action	1088
/misc/evaluate/debug_scriptor_step_over_action	1089
debug_exit_task	1089
/misc/delete/debug_exit_task	1090
debug_script_exceptions	1090
/misc/cleanup/debug_script_exceptions	1091
debug_process_snapshot	1091
/misc/cancel/debug_process_snapshot	1092
/misc/check/debug_process_snapshot	1093
/misc/create/debug_process_snapshot	1094
/misc/revert/debug_process_snapshot	1095
debug_session	1095
/misc/cancel/debug_session	1096
/misc/create/debug_session	1097
/misc/finish/debug_session	1098
/misc/update/debug_session	1099
debug_context	1099
/misc/check_available/debug_context	1100
/misc/switch/debug_context	1101
debug_mail_messages	1101
/misc/accept/debug_mail_messages	1102
/misc/cancel/debug_mail_messages	1103
/misc/enumerate/debug_mail_messages	1104
/misc/quit/debug_mail_messages	1105
/misc/reactivate/debug_mail_messages	1106
debug_convert_to_image	1106
/misc/convert_to_image/debug_convert_to_image	1107
debug_impersonated_connection	1107
/misc/create/debug_impersonated_connection	1108
/misc/delete/debug_impersonated_connection	1109
debug_launch	1109
/misc/create/debug_launch	1110
/misc/cancel/debug_launch	1111
debug_scriptor_breakpoint	1111
/misc/create/debug_scriptor_breakpoint	1112
/misc/delete/debug_scriptor_breakpoint	1113
debug_scriptor_snapshot	1113

/misc/create/debug_scriptor_snapshot	1114
debug_watched_expression	1114
/misc/create/debug_watched_expression	1115
/misc/delete/debug_watched_expression	1116
/misc/update/debug_watched_expression	1117
debug_blocked_process	1117
/misc/enumerate/debug_blocked_process	1118
debug_trigger_task	1118
/misc/accept/debug_trigger_task	1119
event	1119
/misc/enumerate/event	1120
server_log	1120
/misc/read/server_log	1121
email_enumerator	1121
/misc/ping/email_enumerator	1122
watermark	1122
/misc/evaluate/watermark	1123
_	1123
/misc/export/_/exp_close	1124
/misc/export/_/exp_folderadd	1125
/misc/export/_/exp_folderdelete	1126
/misc/export/_/exp_init	1127
/misc/export/_/exp_juke_cancelfileids	1128
/misc/export/_/exp_juke_fileids	1129
/misc/export/_/exp_juke_prepare	1130
file_from_template	1130
/misc/generate/file_from_template	1131
object	1131
/misc/get_extinfo/object	1132
marker_position	1132
/misc/get/marker_position	1133
signature	1133
/misc/get_data/signature	1134
folder_hierarchy	1134
/misc/import/folder_hierarchy	1135
serverinfo	1135
/misc/query/serverinfo	1136
signature_markers	1136
/misc/replace/signature_markers	1137
plugin service	1138
/plugin/enumerate/_/plugin	1139
/plugin/get_access_levels/_/plugin	1140

/plugin/get_extension_info/_/plugin.....	1141
/plugin/invoke/_/plugin	1142
search service	1143
/search/simple	1143
/search/fulltext.....	1148
/search/enumerate	1153
/search/advanced	1156
role_searchtemplate	1167
/search/check/role_searchtemplate.....	1168
/search/save/role_searchtemplate	1169
/search/delete/role_searchtemplate.....	1170
/search/enumerate/role_searchtemplate	1171
/search/read/role_searchtemplate	1172
group_searchtemplate	1172
/search/save/group_searchtemplate	1173
/search/delete/group_searchtemplate	1174
/search/enumerate/group_searchtemplate.....	1175
/search/read/group_searchtemplate	1176
user_searchtemplate	1176
/search/save/user_searchtemplate.....	1177
/search/delete/user_searchtemplate	1178
/search/enumerate/user_searchtemplate	1179
/search/read/user_searchtemplate.....	1180
security service.....	1181
security_descriptor	1181
/security/get/security_descriptor.....	1182
/security/set/security_descriptor	1185
security_entry	1186
/security/render/security_entry	1186
security_profile	1187
/design/read/security_profile.....	1188
/design/enumerate/security_profile	1190
owner	1191
/security/set/owner.....	1192
security_cache	1192
/security/render/security_cache	1193
storage service	1194
file	1195
/storage/create/file	1195
/storage/read/file	1197
/storage/update/file.....	1198
/storage/delete/file	1199

<i>/storage/check/file</i>	1200
<i>/storage/duplicate/file</i>	1201
<i>/storage/resolve/path</i>	1202
<i>/storage/get_extinfo/file</i>	1203
thumb_file	1204
<i>/storage/create/thumb_file</i>	1205
<i>/storage/read/thumb_file</i>	1206
<i>/storage/delete/thumb_file</i>	1207
<i>/storage/check/thumb_file</i>	1208
rule	1209
<i>/storage/deploy/dispatcher_rules</i>	1210
<i>/storage/deploy/rule</i>	1211
<i>/storage/undeploy/rule</i>	1212
aggregated_file	1213
<i>/storage/get/aggregated_file</i>	1214
<i>/storage/query/garbage_collection</i>	1215
<i>/storage/invoke/garbage_collection</i>	1216
miscellaneous	1217
<i>/storage/update/dto_file</i>	1218
<i>/storage/read/zipstream</i>	1219
<i>/storage/read/dto_file</i>	1220
dispatcher_rules	1220
<i>/storage/deploy/dispatcher_rules</i>	1221
garbage_collection	1221
<i>/storage/invoke/garbage_collection</i>	1222
<i>/storage/query/garbage_collection</i>	1223
dto_file	1223
<i>/storage/read/dto_file</i>	1224
<i>/storage/update/dto_file</i>	1225
path	1225
<i>/storage/resolve/path</i>	1226
zipstream	1226
<i>/storage/read/zipstream</i>	1227

ADDITIONAL INFORMATION 1228

Object flags	1228
Common flags	1228
Specific flags	1229

EXAMPLES 1230

Test environment	1230
------------------------	------

Advanced settings	1231
Authentication.....	1231
Enumerate first 2 users.....	1232
Retrieve user details by ID	1234
Create a folder	1235

GARGANTUA 7 REST API BASICS

GARGANTUA 7 REST API BASICS

This document describes the REST API of the Gargantua server.

COMMUNICATING WITH THE GARGANTUA SERVER

The Gargantua server handles requests. A request comes in form of a command with an input data structure and yields an output data structure upon completion.

Gargantua server commands fall in several different categories, as described in the table below

Administration

Commands that will handle administration objects; these are objects that are server-wide scoped, like users, groups, databases, etc.

Design

Commands that will handle design objects; these objects are defined on a per-database schema, and are used for defining runtime behavior of the server, like attributes, forms, workflow processes, etc.

Production

Production commands handle all content stored within a Gargantua server. These can furthermore be divided into document management, workflow and search.

REST API ACCESS URL

The REST API is accessible on the `/api/rest` path relative to the base URL of the Gargantua web application.

Example: if the web application is accessible at `http://example.domain.com/siatel-web/` then the REST API is accessible at the `http://example.domain.com/siatel-web/api/rest`.

The generic form of an access URL is

```
http://example.domain.com:port/siatel-web/api/rest/<service>/<command>/<object>/<extra>
```

<service>

The name of the service that must handle the request; available services are : `auth`, `admin`, `design`, `ged`, `flow`, `search`, `security`, `storage` and `misc`; refer to the next section for details for each service.

<command>

The name of the command to be executed, normally a verb; the command set is service and object dependent, and are described individually; here are some examples : `login`, `logout`, `create`, `update`, `delete`, etc.

<object>

The target object type of the call command request; these, too are service dependent; for instance, the ged service will handle object types folder, document, etc.

<extra>

An extra element for commands that require it; this extra element is documented for commands that require it.



Depending on the service and command involved, the object type may be optional, as well as the extra element.

Below are a couple of example of URLs :

```
http://example.domain.com:port/siatel-web/api/rest/auth/login/
```

```
http://example.domain.com:port/siatel-web/api/rest/ged/create/folder
```

```
http://example.domain.com:port/siatel-web/api/rest/ged/read/document
```

REST API SERVICES

The list below briefly describes the available services for the REST API

auth

handles all requests related to a user session (authentication, termination, etc.)

admin

handles all request on administration objects

design

handles all requests on design objects

ged

handles document management related requests; please note that documents within workflow processes are also handled by this service

flow

handles all task and process related requests; process content is handled by the ged service

search

handles search requests; this include all types of search available on the server

security

handles security management requests for all Gargantua objects

storage

handles file storage requests, most notably storing and retrieveing files

misc

handles various commands that do not fall in any of the above categories, such as sending an email or retrieving pdf renditions of a document

Each request sent to a Gargantua server must include a connection token in the HTTP header, using field name 'conn', except for the authentication command that does not require this token, but returns it.

The request body is the input data structure, in JSON format; for commands that require it, a file can be attached to the request (requires the POST method).

The request outcome is the response body, also in JSON format.

Here are some examples (for complete details, see each commands individually)

This section describes the input and output JSON-formatted data structures

INPUT DATA STRUCTURE

The input data structure uses the following keys; the combination of these keys are command dependent and are described for each command individually.

flags

`long`; specifies the command flags; see each command for details.

offset

`int`; an offset for the starting element of an enumeration command's list of results; usually optional, defaults to `0`.

count

`int`; the maximum number of elements to be returned by an enumeration command; usually optional, defaults to `-1` which represents 'no limit'.

criteriaIds

`array`; an array of filter criteria for an enumeration; see each command for details and possible filtering criteria.

object

`object`; a Gargantua object.

objectId

`string`; the identifier (id) of a Gargantua object.

objectLabel

`string`; the name (label) of a Gargantua object.

parentId

string; the identifier of the parent object when working with nested objects; for example when creating a document the **parentId** specifies a folder or a process.

targetId

string; the identifier of a destination for a move or copy-paste command.

afterId

string; the identifier of a position reference within a container for a reposition command.

user

string; the login name of the user when opening a session (login command).

pass

string; the user password when opening a session (login command).

For example, a read user command will send a request like the one below:

```
{
  "flags":1080933179801481247,
  "object": {
    "prefix":"USER",
    "id":"USER00000000000D0000000000000000000000"
  }
}
```

OUTPUT DATA STRUCTURE

The output data structure has the following keys

result

string; the outcome of a command call, **"ok"** in case of success, **"fail"** otherwise, in which case the **"error"** key provides additional details.

dtoOut

object; the result(s) of a command call; this is actually the payload of the server response to the command request; see each command for details.

error

string; details provided in case the command call did not succeed; usually a java exception stacktrace.

When an object or list of objects is returned, each JSON object mapped to a Gargantua object will use the keys described in [this section](#).

For example the response of a read attribute command would look like this:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFAT",
      "id": "DFAT00020000007600000000000000000000000000",
      "typeId": "DFTY000200000001000000000000000000000000",
      "value": null,
      "label": "string attribute",
      "ownerId": "USER000000000001000000000000000000000000",
      "flags": 0,
      "dateC": 1493106793024,
      "dateM": 1493106793024,
      "description": "",
      "data": null,
      "packages": []
    }
  }
}
```

DATA TYPES

Data types are restricted to the data types allowed by the JSON format; the following conversions must be applied to higher level language data types

timestamps

Long (64 bit) values that represent a Java time, also known as Unix time (01/01/1970 00:00:00 UTC based). For example the `dateC` and `dateM` fields of most Gargantua objects.

flags

Long (64 bit) values representing bitwise combinations on command options or Gargantua object properties depending on the command context; the `Flag` java class documentation (javadoc) details the significance for each bit in the 0-62 range.

strings

String values in UTF-8 encoding.

OBJECT KEYS

prefix

`string`; first 4 characters of a Gargantua object id; indicates the object type; used to indicate to a command the object type when an object id is not available (for example retrieving an object by label); always the first key inside an `"object"` key.

id

string; the object identifier.

label

string; the name of the object; limited to 256 characters.

dateC

long; object creation timestamp.

dateM

long; object last modification timestamp.

flags

long; object flags

ownerId

string; id of the user who is the owner of the object.

formId

string; the identifier of the object form (for folders, pins, documents, processes).

attributes

array; the array of user defined attributes of an object (for folders, pins, documents, processes); each element in this array is a subsequent Gargantua 'attribute' object and consequently bears some of the keys described in this section.

typeId

string; the type identifier of an attribute

value

string, **number**, **boolean** or **null**; the value of an attribute; for date/timestamp attributes, the value (if non-null) is numeric and represents a **timestamp**.

fileId

string; a stored file's identifier

description

string; a description field for administration and design objects.

packages

array; an array of Gargantua "package" objects to which administration and design objects may be assigned to.

data

string; a field to hold object custom data for some administration and design objects; used by **attribute** and **assignment** objects.

OBJECT REFERENCE

OBJECT REFERENCE

The object reference chapter references Java language objects.

OBJECT TYPES

In Gargantua 7, there are three major object types

System objects

The system objects include, for instance, users, groups, their assignments, databases, etc. They are needed to manage the Gargantua system; as a visual clue, these are the objects that are displayed on the first level of the administration tree in the Gargantua Administrator.

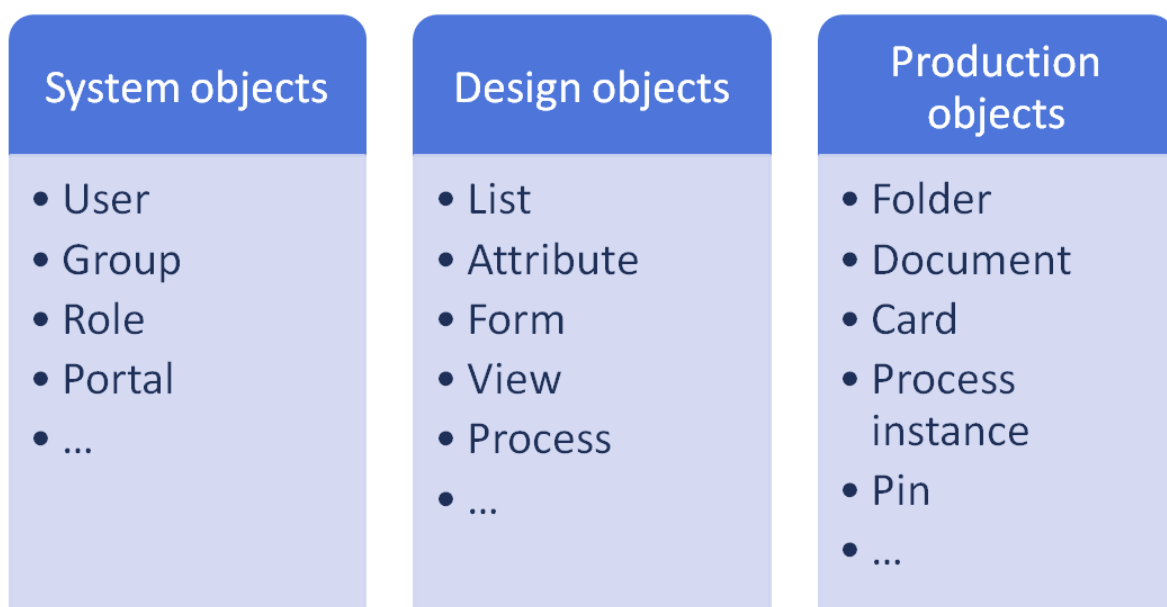
Design objects

Design objects are managed on a per-database basis. These objects are the ones that govern the use of a specific Gargantua database; as a visual clue, these are the objects that are displayed as the first level objects below the database object in the Gargantua Administrator

Production objects

Production objects are the objects that users manipulate directly using the user interface, either web or custom tools like the IntelliScan.

The schema below outlines these object types.



One can also define the design and production objects types as follows : design objects are templates used to create actual objects, which are the production objects. Design objects are like class definitions in high level

languages like C++ or Java, while production objects are instances of these classes.

OBJECT IDENTIFICATION

To help identify objects, in Gargantua a fixed length string is used. Any object's ID is a 40 character sequence; it is always 40 characters long, and this fact can be used to validate IDs. Each object ID can be broken down in several elements, as outlined in the schema below.



Size and type :

PREF : 4 letter code

DDDD : 4 hex digits representing the Gargantua database ID, zero for system objects

XXXXXXXX : 8 hex digits

YYYYYYYY : 8 hex digits

ZZZZZZZZ : 8 hex digits

VVVVVVVV : 8 hex digits

All unused part of the ID must be set to zero, as it is ignored.

There are always 6 components of the ID, and their meaning vary by object type. However, the first two elements are common to all objects :

Prefix

The prefix helps tell objects apart; it is a unique 4 letter code that is assigned to each object type. It uniquely identifies the object type. Below are a few examples of object prefixes, grouped by object type. For the full list of object types please review the API reference.

System objects	Design objects	Production objects
• User - USER • Group - GROU • Role - ROLE • Portal - PORT • ...	• List - DFTY • Attribute - DFAT • Form - DFFR • View - DFVW • Process - DFPR • ...	• Folder - FLDR • Document - DOCF • Card - FCHF • Process instance - PROC • Pin – PINF • ...

Database ID

The database ID tells in which database the object resides. For system objects, this is always set to zero.



Please note that IDs are always 40 characters long. First 4 characters are alphanumeric; currently only letters are used.



All ID parts except the object prefix are stored in hexadecimal notation (digits 0 through 9 and letters 'A' through 'F')



All ID parts that are not used for a given object must be set to zero; failing to do so may result in improper handling of objects by the core API; please carefully review the ID structure of any object before using it, as in some cases setting a certain part to a non-zero value may make the ID point to a different object.

PACKAGE COM.SIATEL.DEFS

This package contains interface definitions that group domain object properties.

INTERFACES

ARCHIVE

```
interface Archive
```

Accessor wrapper interface for archive enabled objects ([ArchiveFolder](#), [ArchiveDocument](#),

[ArchiveDocumentVersion](#), [ArchiveNote](#)).

Since :

7.5

Property summary :

Type	Property
Date	dateArchive

Property detail :

Date [dateArchive](#)

Returns :

the date when object was archived

COMMENTED

interface Commented

Commented objects are objects that have a comment; this comment has no other purpose than help the administrator or users understand the purpose of the object.

Since :

7.5

See also :

[Labeled](#)

Author :

stefanu

Property summary :

Type	Property
String	comment

Property detail :

String comment

Returns :

the comment for the specified object

DATED

interface Dated

Dated interface is implemented by all objects that can have a creation date and a modification date; the Dated objects can be traced.

Since :

7.0

Author :

stefanu

See also :

[DatedEx](#)

Property summary :

Type	Property
Date	dateC
Date	dateM

Property detail :

Date [dateC](#)

Returns :

the creation date and time of the specified object

Date [dateM](#)

Returns :

the last modification date and time of the specified object

DATEDEx

interface DatedEx

DatexEx objects keep track of the last access date and time, as an extension to the Dated objects that keep track of the creation and last modification date and time

All Superinterfaces :

[Dated](#)

Since :

7.0

See also :

[Dated](#)

Author :

stefanu

Property summary :

Type	Property
Date	dateA

Property detail :

Date	dateA
------	-------

Returns :

the last access date and time for the specified object

DELETABLE

interface Deletable

The Deletable interface is used by all objects that have a flag for delete.

Since :

7.9

Author :

ying

Property summary :

Type	Property
boolean	deleted
Date	dateDel
int	deleteBy

Property detail :

boolean deleted

Returns :

true if object is in trash

Date dateDel

Returns :

the date and time when the object was moved to trash

int deleteBy

Returns :

numeric id of user who moved the object yp trash

DEPLOYABLE

interface Deployable

Deployable objects are design objects; most of the design objects are not meant to be put in production immediately; this means that creating such an object may require significant time and effort from the system administrator, and the system state may become unstable if such objects are made available for the users immediately after they've been saved into the database. Such objects are, for instance, processes. processes are complex objects that must not be put into production immediately; the processes are created (which may require even more than one week's work from the system administrator), then 'deployed' once the process is ready to work as intended. Users have access to Deployable objects only when then are deployed; otherwise, these objects are only available in the administrative tools. Some objects may require validation or compilation as they are deployed. Validation errors will block the deploy command and leave the object in an undeployed state.

Since :

7.0

See also :

[DeployableEx](#)

Author :

stefanu

Property summary :

Type	Property
boolean	isDeployed

Property detail :

boolean isDeployed

Returns :

the deployment status of the specified object

DEPLOYABLEEX

interface DeployableEx

DeployableEx objects are objects that take an alternate form when deployed; an example are the form objects; when deployed, these objects are 'compiled' into JSP pages that can be displayed by the JSP engine. When DeployableEx objects are deployed, a secondary file is created and stored for use in production.

All Superinterfaces :

[Deployable](#)

Since :

7.0

See also :

[Deployable](#)

Author :

stefanu

Property summary :

Type	Property
public java.lang.String	deploymentId
public long	deploymentTimestamp

Property detail :

String deploymentId

Returns :

the deployment ID for the specified object

long deploymentTimestamp

Returns :

the deployment time stamp for the specified object; this time stamp is required by the deployment operation to assess the need of transformation, checking that the deployed object has been modified since last deployment command

DESCRIBED

interface Described

Described objects are objects that have a description; this description has no other purpose than help the administrator or users understand the purpose of the object.

Descriptions may be displayed as tooltips by the user interface.

Since :

7.0

See also :

[Labeled](#)

Author :

stefanu

Property summary :

Type	Property
String	description

Property detail :

String description

Returns :

the description for the specified object

EXPIRABLE

interface Expirable

Expirable objects are part of the workflow related objects; these objects have an due date and an expiration date; when the due date is reached, the object is not yet expired, but it will be signaled by the user interface differently; the due date and the expiration date are needed by the task and process state transition algorithm

Since :

7.0

Author :

stefanu

Property summary :

Type	Property
Date	dateD
void	dateX

Property detail :

Date [dateD](#)

Returns :

the due date of the specified object

void [dateX](#)

Parameters :

[dateX](#) - the new expiration date for the specified object

FLAGGED

interface Flagged

Flagged objects are objects that may have a set of flags associated with them. Flags are defined by the [Flag](#) constants, and are ORed constants

Since :

7.0

See also :

[Flag](#)

Author :

stefanu

Property summary :

Type	Property
long	flags

Property detail :

long flags

Returns :

the flags for the specified object

IDENTIFIED

```
interface Identified
```

The Identified interface is the very heart of the the Gargantua system. It sets an identification system that all objects handled by the system must follow.

The Identified interface is implemented by almost all objects within the Gargantua system, as all the objects handled by the server must have a unique identifier. here are two types of identifiers for each type of object : a numeric identifier and a string identifier.

The numeric identifier is used to uniquely identify objects of the same type.

Because unique numeric identifiers cannot globally and uniquely identify objects, a global identifier system was designed. the purpose of such an identifying system is, first, to uniquely identify objects throughout the system, and secondly, to be able to get a maximum amount of information about an object position within the database just by examining the object identification string. These string identifiers have always the same character length, thus enabling consistent handling, and always hold at least the object type, the database ID of the database that stores the object and the object numeric identification; additionally, some objects contain other numeric identifications such as, for a document, the numeric container folder identification.

The structure of the string identification is specific to each object and is explained for each and every one of the objects within the object's documentation

As of release 7.4 this interface extends [Parsable](#) which wraps the 'prefix' property and the '[Parsable#parse](#)' method. These methods have been pulled up from previous version of `Identified`.

All Superinterfaces :

[Parsable](#)

Since :

7.0

See also :

[IdFormat](#) , [Prefix](#)

Author :

stefanu

Property summary :

Type	Property
String	id
int	dbId

Property detail :

```
String id
```

Returns :

the string identification of the specified object

```
int dbId
```

Returns :

the numeric database ID that stores the specified object

LABELED

interface Labeled

The Labeled interface is used by all objects that have a label, which is almost every public Gargantua object.

Since :

7.0

See also :

[Described](#)

Author :

stefanu

Property summary :

Type	Property
String	label

Property detail :

String label

Returns :

the label for the specified object

LIFECYCLED

```
interface Lifecycled
```

Lifecycled objects are objects that may change automatically over time. The lifecycle of such objects may be customized by the system administrator, as well as the events that trigger a lifecycle state change. For instance, objects may be automatically archived after a specified period of inactivity or documents may be published if a certain attribute has changed to a specific value.

This interface is obsolete as of 7.8

All Superinterfaces :

[Timed](#)

Deprecated :

Author :

stefanu

MANAGED

interface Managed

Managed objects are objects that have an associated user that acts as a manager. Such objects are, for instance, processes.

Since :

7.0

Author :

stefanu

Property summary :

Type	Property
String	<u>managerId</u>

Property detail :

String managerId

Returns :

the manager identification for the specified object

MODIFIED

interface Modified

Modified objects are objects that keep track of the user identification that modified them; (viewable objects)

ModifiedBy are always physical users, never groups or roles.

Since :

7.10

Author :

stefanu

Property summary :

Type	Property
String	modifiedBy
Date	dateM

Property detail :

String modifiedBy

Returns :

the modifiedBy holds the user who modified the specified object

Date dateM

Returns :

the last modification date and time of the specified object

NUMBERED

```
interface Numbered
```

The Numbered interface is used by all objects that have an index within a certain context (for example any object version within object history).

Since :

7.5

Author :

andreea

Property summary :

Type	Property
public int	number

Property detail :

```
int number
```

Returns :

the index of the specified object

OWNED

interface Owned

Owned objects are objects that keep track of the user identification that created them; most objects of the Gargantua system are owned, since the security mechanism uses owners to give them specific rights.

Owners are always physical users, never groups or roles.

Since :

7.0

Author :

stefanu

Property summary :

Type	Property
String	ownerId

Property detail :

String ownerId

Returns :

the owner identification for the specified object

PACKAGEABLE

interface Packageable

The Packageable interface is used by all objects that can be grouped in a package.

Since :

7.10

See also :

[Described](#)

Author :

danieln

Property summary :

Type	Property
List	packages

Property detail :

List packages

Obtains the packages ids that the object is part of

PARSABLE

interface Parsable

Wrapper for parsable objects requirements.

Since :

7.4

Author :

elf

Property summary :

Type	Property
String	prefix

Property detail :

String prefix

Returns :

returns the prefix (type) of the specified object

PRESENTED

interface Presented

Presented objects are objects that have presentation options. They specify which attributes must be displayed

Since :

7.0

See also :

[SearchTemplate](#)

Author :

alexis

Property summary :

Type	Property
String	presentationFileId

Property detail :

String presentationFileId

Returns :

the presentation file ID for the specified object

PRIORITIZED

interface Prioritized

Prioritized objects are objects that may be sorted according to a user set priority

Since :

7.0

See also :

[Priority](#)

Author :

stefanu

Property summary :

Type	Property
int	priority

Property detail :

int priority

Returns :

the priority for the specified object

REALIZED

interface Realized

Realized objects are objects that have an associated file; it is the responsibility of the business code to store and retrieve the files from the Gargantua file server accordingly.

Since :

7.0

See also :

[RealizedEx](#) , [com.siatel.framework.service.storage.StorageLibrary](#)

Author :

stefanu

Property summary :

Type	Property
String	fileId

Property detail :

String fileId

Returns :

the file ID for the specified object

REALIZEDEx

```
interface RealizedEx
```

RealizedEx objects are objects that need to keep track of the file size and file date that is stored within the Gargantua file server. In order to accelerate access to this information, these objects store this information internally, rather than retrieving it from the file server on a need-to-access basis. It is the responsibility of the business code to keep this information up to date and consistent with the actual file information.

All Superinterfaces :

[Realized](#)

Since :

7.0

See also :

[Realized](#) , [com.siatel.framework.service.storage.StorageLibrary](#)

Author :

stefanu

Property summary :

Type	Property
long	fileSize
String	fileType

Property detail :

```
long fileSize
```

Returns :

the file size for the specified object

```
String fileType
```

Returns :

the file type for the specified object

REFERENCED

```
interface Referenced
```

Referenced objects are objects that must keep a reference count per actual object.

Since :

7.0

Author :

stefanu

Property summary :

Type	Property
int	refCount

Property detail :

```
int refCount
```

Returns :

the reference count for the specified object

SAMPLED

```
public interface Sampled
```

Sampled objects are objects that have an associated sample file; it is the responsibility of the business code to store and retrieve the files from the Gargantua file server accordingly.

Since :

7.5

See also :

[com.siatel.framework.service.storage.StorageLibrary](#)

Author :

elf

Property summary :

Type	Property
String	sampleFileId

Property detail :

```
String sampleFileId
```

Returns :

the sample file ID for the specified object

SECURABLE

```
interface Securable
```

Securable interface is implemented by all objects that can have a security profile.

Since :

7.3

Author :

manuelam, elf

Property summary :

Type	Property
String	securityProfileId
int	securityProfileIdNumeric
long	securityMask

Property detail :

```
String securityProfileId
```

Accessor.

Returns :

the security profile of the specified object

```
int securityProfileIdNumeric
```

Accessor.

Returns :

the numeric relevant part of the security profile id

```
long securityMask
```

Accessor.

Returns :

the rendered security mask of the specified object (by connection)

SHARED

```
interface Shared
```

Sharing support field accessors declarations.

Since :

7.0

Author :

victorc

Property summary :

Type	Property
String	lockedBy
int	lockType
Date	dateL
Long	validMillis

Constants detail :

```
int UNLOCK = -1
```

Lock type constant defining the 'unlocked' object state.

```
int LOCK = 0
```

Lock type constant defining the 'locked' object state.

```
int CHECK_OUT = 1
```

Lock type constant defining the 'exclusive lock' object state.

Property detail :

```
String lockedBy
```

Accessor.

Returns :

the id of the user responsible for the 'locked' or 'locked exclusively' state of the object

```
int lockType
```

Accessor.

Returns :

the lock type/state

```
Date dateL
```

Accessor.

Returns :

the lock date if current object lock type is not {UNLOCK}

```
Long validMillis
```

Accessor.

Returns :

the validity duration of the current object lock if lock type not {UNLOCK}

TAGGED

interface Tagged

Tagged objects are objects that may have a set of tags associated with them. Tags are defined by the [Tag](#) constants, and are ORed constants

Since :

7.0

See also :

[Tag](#)

Author :

stefanu

Property summary :

Type	Property
long	tags

Property detail :

long tags

Returns :

the tags for the specified object

TIMEBOXED

interface Timeboxed

This interface is for objects that have a due (estimated) and an expiry (validity) duration.

Since :

7.9

Author :

victorc

Property summary :

Type	Property
Long	delayD
Long	delayX

Property detail :

Long delayD

Returns :

due (estimated) delay value in millis

Long delayX

Returns :

expiry (validity) delay value in millis

TIMEBOXEDEx

interface TimeboxedEx

This interface is for [Timeboxed](#) objects that can specify the due (estimated) and expiry (validity) duration in a attributes specified by id.

All Superinterfaces :

[Timeboxed](#)

Since :

7.9

Author :

victorc

Property summary :

Type	Property
String	delayDAttrId
String	delayXAttrId

Property detail :

String delayDAttrId

Returns :

due delay attribute id

String delayXAttrId

Returns :

expiry delay attribute id

TIMED

interface Timed

Wrapper for timed objects (processes, tasks) support accessors.

Since :

7.0

Author :

stefanu

Property summary :

Type	Property
Date	dateS
Date	dateE

Property detail :

Date `dateS`

Accessor.

Returns :

the start date for the specified object

Date `dateE`

Accessor.

Returns :

the end date for the specified object

UUIDENABLED

interface UUIDEnabled

This interface defines requirements for objects that support [UUIDs](#) as means of identification. A default support implementation is provided in [UUIDDelegate](#). Default implementations of [Folder](#), [Document](#), [Process](#) support this interface through aggregating an [UUIDDelegate](#) and delegating to it.

Since :

7.8 / 2012.05

See also :

<http://en.wikipedia.org/wiki/Uuid>

Author :

victorc

Property summary :

Type	Property
UUID	uuid

Property detail :

UUID [uuid](#)

Accessor.

Returns :

the object {@link UUID}

VERSION

interface Version

Public definition to group identified, realized and commented objects.

All Superinterfaces :

[Identified](#) , [Realized](#) , [Commented](#)

Since :

7.5

Author :

mariusz

VERSIONED

interface Versioned

Versioned objects are objects for which the database keeps track of previous versions. Versions are always represented as a long, but actually they keep track of two components : the major version number and the minor version number; these numbers are meant to be used as with software versions : the major number is incremented once some significant modifications are made to the object, while the minor version number is incremented if non-significant modifications are made.

When versioned objects are created the version number is set to 1.0; the user interface does not display 1.0 version numbers, as these are the defaults. Some objects may use the version number 0 (zero) as a default 1.0 version number.

Since :

7.0

See also :

[VersionedEx](#)

Author :

stefanu

Property summary :

Type	Property
long	version

Property detail :

long version

Accessor.

Returns :

the version number for the specified object

VIEWABLE

```
interface Viewable
```

Viewable objects are objects that have a set of user-defined attributes. The attributes are set using forms, and may be explicit or default attributes. Default attributes are set by the business components at runtime according to the current running context.

Since :

7.0

See also :

[Attribute](#) , [Form](#) , [Type](#)

Author :

stefanu

Property summary :

Type	Property
String	formId
int	formIdNumeric
List	attributes
List	customAttributes
int	icon

Property detail :

```
String formId
```

Accessor.

Returns :

the form identification for the specified object

```
int formIdNumeric
```

Accessor.

Returns :

the numeric form identification for the specified object

```
List attributes
```

Accessor.

Returns :

the list of attributes for the specified object; these will always include the default attributes

```
List customAttributes
```

Accessor.

Returns :

the list of attributes for the specified object; these will always exclude the default attributes

```
int icon
```

Accessor.

Returns :

the icon index for the specified object

VIEWABLEEX

```
interface ViewableEx
```

ViewableEx extends the Viewable support by adding form page accessibility.

All Superinterfaces :

[Viewable](#)

Since :

7.0

See also :

[Viewable](#) , [Form](#)

Author :

victorc

Property summary :

Type	Property
String	formPage

Property detail :

```
String formPage
```

Accessor.

Returns :

the form apge

PACKAGE COM.SIATEL.DOMAIN

This package contains the domain objects (data structures).

INTERFACES

ARCHIVECOMMENT

```
interface ArchiveComment
```

The archive version of the comment object. Archive comments are attached to archived documents and folders;

The comment identification structure :

ID component	Value	Description
Prefix	ACDF, ACMF	See Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder ID	numeric	The folder container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID if the comment is on a document; zero otherwise
Comment ID	numeric	The comment numeric identification

All Superinterfaces :

[Comment](#) , [Archive](#)

Author :

adinam

ARCHIVEDOCUMENT

interface ArchiveDocument

The archive version of the document object.

The archive document identification structure :

ID component	Value	Description
Prefix	ADCF, AFCE, ARDF, ARFF	See Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder ID	numeric	The folder container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID if the comment is on a document; zero otherwise
Comment ID	numeric	The comment numeric identification

All Superinterfaces :

[Document](#) , [Archive](#)

Author :

adinam

ARCHIVEDOCUMENTVERSION

```
interface ArchiveDocumentVersion
```

The archived document version

The document version identification structure :

ID component	Value	Description
Prefix	VNDF, VNDP	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder or process ID	numeric	The folder or process container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID
Version ID	numeric	The numeric version ID

All Superinterfaces :

[DocumentVersion](#) , [Archive](#)

Author :

stefanu

ARCHIVEFOLDER

interface ArchiveFolder

The archive version of a folder.

The archive folder identification structure :

ID component	Value	Description
Prefix	ARFL	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder ID	numeric	The numeric folder ID
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Folder](#) , [Archive](#)

Author :

stefanu

ARCHIVENOTE

```
interface ArchiveNote
```

The assignment identification structure :

ID component	Value	Description
Prefix	ARFL	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder ID	numeric	The numeric folder ID
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Note](#) , [Archive](#)

Author :

stefanu

ASSIGNMENT

interface Assignment

General assignment object; holds a source and destination identifier; used, for instance, to represent user assignments to groups. The assignment identification structure :

ID component	Value	Description
Prefix	ASGU, ASUR, ASGR, ASUD, ASRD, ASGD, ASUP, ASRP, ASGP, ASFA, ASUV, ASRV, ASGV, ASUF, ASGF, ASRF, ASUP, ASGP, ASRP, ASOP, ASFP, ASUT, ASGT, ASRT	The assignment object prefix; the prefix depends on the source and target object, but always starts with the letters "AS"; see com.siatel.domain.Prefix for more information on prefixes
Database ID	0	Always set to zero; the database identification is not required for these objects
Source ID	numeric	The numeric ID of the source object
Destination ID	numeric	The numeric ID of the destination object
Not used	0	Always set to zero
Not used	0	Always set to zero

All Superinterfaces :

[Identified](#) , [Cloneable](#) , [Replicable](#)

Author :

stefanu

ATTRIBUTE

```
interface Attribute
```

Attributes are assigned to objects that are Viewable. See the Viewable interface for information on how to retrieve and manipulate the Gargantua object attributes.

The attribute identification structure :

ID component	Value	Description
Prefix	DFAT	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database numeric ID for the Gargantua database that stores the object
Attribute ID	numeric	Numeric ID of the attribute within the specified database
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Described](#) , [Flagged](#) , [Dated](#) , [Cloneable](#) , [Replicable](#) , [Packageable](#) , [Cacheable](#)

Author :

stefanu

CERTIFICATE

interface Certificate

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Realized](#) , [Deployable](#) , [Replicable](#)

Author :

olga

CLASSIFICATIONELEMENT

```
interface ClassificationElement
```

Classification elements are used by Gargantua Views to create a virtual folder hierarchy based on attribute values.

The classification element identification structure :

ID component	Value	Description
Prefix	CELM	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database identification

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Cloneable](#) , [Replicable](#) , [Flagged](#)

Author :

stefanu

CLASSIFICATIONTREEELEMENT

```
interface ClassificationTreeElement
```

Classification elements are used by Gargantua Views to create a virtual folder hierarchy based on attribute values.

The classification element identification structure :

ID component	Value	Description
Prefix	CELM	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database identification

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Cloneable](#) , [Replicable](#) , [Flagged](#)

Author :

stefanu

COMMENT

interface Comment

The Comment object. Comments can be attached to documents ,folders or processes;

The comment identification structure :

ID component	Value	Description
Prefix	CMDF, CMDP , CMTF , CMTD	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder or process ID	numeric	The folder or process container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID if the comment is on a document; zero otherwise
Comment ID	numeric	The comment numeric identification

All Superinterfaces :

[Labeled](#) , [Identified](#) , [Owned](#) , [Dated](#) , [Flagged](#) , [Replicable](#) , [Deletable](#)

Author :

adinam

DATABASE

interface Database

The 'database' concept.

The database identification structure :

ID component	Value	Description
Prefix	DATA	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Not used	0	-
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Dated](#) , [Described](#) , [Flagged](#) , [Cloneable](#) , [Replicable](#)

Since :

15/03/2007

Author :

Victor Citiriga

DEPENDENCY

interface Dependency

A **dependency** relationship concept definition. It specifies

- a **SOURCE** - the dependant, one who depends on another
- a **TARGET** - the dependency, one on which others depend

The intended usage of this concept is to cover the following common requirements:

- the **SOURCE** depends on the **TARGET** and so the **TARGET** may be required to be **LOCKED** for certain operations (change, deletion, etc)
- provide information on dependency relationships that prevent certain operations from taking place.

The requirements above have been extended in order to support basic-typed custom fields in which, based on specific usage requirements the user may store dependency-relevant information

All Superinterfaces :

[Flagged](#)

Since :

02/02/2010

Author :

victorc

DISTRIBUTIONLISTENTRY

```
interface DistributionListEntry
```

General distribution list object; holds all information needed to to represent an entry of distribution list

The distribution list entry identification structure :

ID component	Value	Description
Prefix	DEDF, DEPF, DEFL	The distribution list entry object prefix; the prefix depends on the object, but always starts with the letters "DE"; see com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
object ID	numeric	The numeric ID of the object
accessLevel ID	numeric	The numeric ID of the access level object
actor ID	numeric	The numeric ID of the actor object (can be user,group,role,attribute)
actor type	numeric	The category type of the actor (can be user,group,role,userlist,groupList,roleList)

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Flagged](#) , [Timed](#) , [Cloneable](#) , [Replicable](#)

DOCUMENT

interface Document

The Gargantua document.

The document identification structure :

ID component	Value	Description
Prefix	DOCF, DOCP, PINF, PINP, FCHF, FCHP	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder or process ID	numeric	The folder or process container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [DatedEx](#) , [Flagged](#) , [ViewableEx](#) , [RealizedEx](#) , [Versioned](#) , [Lifecycled](#) , [Shared](#) , [Cloneable](#) , [Replicable](#) , [Securable](#) , [UUIDEnabled](#) , [Tagged](#) , [Deletable](#) , [Modified](#)

Author :

stefanu

DOCUMENTVERSION

```
interface DocumentVersion
```

The Gargantua document version

The document version identification structure :

ID component	Value	Description
Prefix	AVDF	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder or process ID	numeric	The folder or process container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID
Version ID	numeric	The numeric version ID

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [DatedEx](#) , [Flagged](#) , [RealizedEx](#) , [Cloneable](#) , [Replicable](#) , [Deletable](#)

Author :

stefanu

EXPIRABLEDOWNLOADLINK

```
interface ExpirableDownloadLink
```

The expirable download link is a link that has either a maximum access times or a maximum validity time.

The expirable download link identification structure :

ID component	Value	Description
Prefix	EXDL	The expirable download link prefix
Database ID	0	The database ID that stores the definition; since the links are stored in the administration database, this is always set to zero
User ID	numeric	The numeric ID of the expirable download link
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Flagged](#) , [Dated](#) , [Replicable](#) , [Cloneable](#)

Author :

mariusz

EXTENDEDPROPERTY

```
interface ExtendedProperty
```

This interface represents the definition for a extended property. The extended property holds extra-data for an object and is characterized by a label, type and value.

The structure for any extended property is as follows:

ID component	Value	Description
Prefix	EXPR	The extended property prefix
Database ID	0	The database ID that stores the extened property definition; since the properties are stored in the administration database, this is always set to zero
Extended property ID	numeric	The numeric ID of the extended property object
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Replicable](#) , [Cloneable](#)

Author :

mariusz

FOLDER

```
interface Folder
```

The Folder object

The assignment identification structure :

ID component	Value	Description
Prefix	FLDR	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder ID	numeric	The numeric folder ID
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [DatedEx](#) , [ViewableEx](#) , [Lifecycled](#) , [Cloneable](#) , [Replicable](#) , [Securable](#) , [UUIDEnabled](#) , [Deletable](#) , [Modified](#)

Author :

stefanu

FORM

interface Form

The Form object. Forms are used by users to assign attributes to objects

The form identification structure :

ID component	Value	Description
Prefix	DFFR	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Not used	0	-
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [DeployableEx](#) , [Realized](#) , [Cloneable](#) , [Replicable](#) , [Lifecycle](#) , [Layouted](#) , [HierarchyCreator](#) , [Packageable](#) , [Cacheable](#)

Author :

stefanu

GRID

interface Grid

The grid object.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Replicable](#) , [Realized](#) , [Cloneable](#) , [Packageable](#) , [Cacheable](#)

See also :

[Prefix#GRID for id structure](#)

GROUP

interface Group

The Group object. Groups statically group users that share the same access rights on Gargantua objects.

The group identification structure :

ID component	Value	Description
Prefix	GROU	See com.siatel.domain.Prefix for more information on prefixes
Not used	0	-
Group ID	numeric	The numeric identification of the group object
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Replicable](#) , [Cloneable](#) , [Cacheable](#)

Author :

stefanu

HIERARCHYCREATOR

```
interface HierarchyCreator
```

This interface is implemented by objects that generate a custom hierarchy after creation

Since :

7.10

Author :

mariusz

INTERVENTIONREPORT

```
interface InterventionReport
```

The intervention report indicates an intervention done on the Gargantua server.

The intervention report object identification structure :

ID component	Value	Description
Prefix	INRE	The intervention report object prefix
Database ID	0	The database ID that stores the intervention report definition; since the delegations are stored in the administration database, this is always set to zero
Intervention ID	numeric	The numeric ID of the intervention report object
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Replicable](#) , [Cloneable](#) , [Realized](#)

Author :

stefanu

ISJOB

interface IsJob

The IsJob object.

The form identification structure :

ID component	Value	Description
Prefix	ISJB	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
IsJob ID	numeric	The IS Job numeric identification
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Realized](#) , [DeployableEx](#) , [Cloneable](#) , [Replicable](#) , [Packageable](#) , [Cacheable](#)

Author :

manuelam

LAYOUTED

```
interface Layouted
```

The layouter interface is implemented by objects that have a custom presentation (layout), usually a fragment

Since :

7.10

Author :

mariusz

LIFECYCLE

```
interface Lifecycle
```

Lifecycle enabling objects requirements.

Author :

elf

MANAGER

```
interface Manager
```

This interface wraps the model requirements of the Manager object.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Described](#) , [Replicable](#) , [Cloneable](#)

Since :

R562

Author :

victorc

ModelOCR

interface ModelOCR

The ModelOCR object.

The form identification structure :

ID component	Value	Description
Prefix	MOCR	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
ModelOCR ID	numeric	The Model OCR numeric identification
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Realized](#) , [DeployableEx](#) , [Sampled](#) , [Cloneable](#) , [Replicable](#) , [Packageable](#) , [Cacheable](#)

Author :

manuelam

NOTE

interface Note

The Note object. Notes can be attached to documents or folders; the note's content is stored as file, thus being indexed in the fulltext database, if available. Depending on the parent object, notes may have a rich text format (in the case of folders)

The note identification structure :

ID component	Value	Description
Prefix	NTDF, NTDP	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Folder or process ID	numeric	The folder or process container numeric identification
Pin ID	numeric	The numeric pin ID, if the document is pinned; zero otherwise
Document ID	numeric	The numeric document ID
Note ID	numeric	The note numeric identification

All Superinterfaces :

[Identified](#) , [Owned](#) , [DatedEx](#) , [Realized](#) , [Replicable](#) , [Cloneable](#) , [Deletable](#)

Author :

stefanu

OBJECTEXTENDEDPROPERTY

```
interface ObjectExtendedProperty
```

This interface represents the definition for a assignment of a extended property to a object.

The structure for any extended property is as follows:

ID component	Value	Description
Prefix	ASOP	The extended property prefix
Database ID	0	The database ID that stores the extened property definition; since the properties are stored in the administration database, this is always set to zero
Extended property ID	numeric	The numeric ID of the extended property object
Assignment id	numeric	The numeric ID of the assignment
Extended property id	numeric	The numeric ID of the extended property
Object id	numeric	The numeric ID of the object
Not used	0	Always set to zero

All Superinterfaces :

[Assignment](#)

Author :

mariusz

PACKAGE

interface Package

The Package object

The assignment identification structure :

ID component	Value	Description
Prefix	PCKG	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Package ID	numeric	The numeric package ID
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Described](#) , [Dated](#) , [Flagged](#) , [Owned](#) , [Cloneable](#) , [Replicable](#)

Author :

mariusz

PLANNER

```
interface Planner
```

This interface declares the structure of the planner object. A planner consists of a weekly timetable and list of exceptions from it.

In addition to the accessors defined by the inherited interfaces, this interfaces defines accessors to the weekly timetable.

'Timetable' is an array of 7 long values. Each element in the array corresponds to a day in the week, 0 representing monday, 6 representing sunday. For each day, the least significant 48 bits represent half-hour intervals. Bit 0 corresponds to 0:00-0:30, 1 to 0:30-1:00, 47 to 23:30-0:00. If a bit is set then it represents activity time, if it is reset then it represents inactivity time.

The planner identification structure :

ID component	Value	Description
Prefix	PLAN	See com.siatel.domain.Prefix for more information on prefixes
Not used	0	-
Planner ID	numeric	The numeric identification of the planner object
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Deployable](#) , [Cloneable](#) , [Replicable](#)

Since :

27/03/2008

Author :

victorc

See also :

[PlannerDayImpl](#)

PLANNERDAY

```
interface PlannerDay
```

This interface declares the structure of an exception from a planner's weekly timetable.

The numeric part of a planner day object will be represented by the numeric evaluation of the date string in YYYYMMDD format. E.g. the full planner day for the planner with numeric id 1 and date 2000/01/01 will be obtained by this code:

```
String dayId = IdFormat.toString(Prefix.PANNER_DAY, 0, 1, 20000101);
```

All Superinterfaces :

[Identified](#) , [Cloneable](#) , [Replicable](#)

Since :

27/032008

Author :

victorc

See also :

[Planner](#)

PORTAL

interface Portal

The Portal object

The portal identification structure :

ID component	Value	Description
Prefix	PORT	See com.siatel.domain.Prefix for more information on prefixes
Not used	0	-
Portal ID	numeric	The portal numeric identification
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Described](#) , [Realized](#) , [Flagged](#) , [Dated](#) , [Cloneable](#) , [Replicable](#)

Author :

stefanu

PROCESS

```
interface Process
```

The Process object

The process identification structure :

ID component	Value	Description
Prefix	PROC	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Process ID	numeric	The process numeric identification
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [DatedEx](#) , [Flagged](#) , [Realized](#) , [Prioritized](#) , [Managed](#) , [Referenced](#) , [ViewableEx](#) , [Timed](#) , [Expirable](#) , [Replicable](#) , [Cloneable](#) , [Securable](#) , [UUIDEnabled](#) , [Modified](#)

Author :

stefanu

PROCESSDEFINITION

```
interface ProcessDefinition
```

The Process definition object

The process definition identification structure :

ID component	Value	Description
Prefix	DFPR	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Definition ID	numeric	The process definition numeric identification
Not used	0	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Dated](#) , [Described](#) , [Flagged](#) , [Realized](#) , [DeployableEx](#) , [Replicable](#) , [Referenced](#) , [Cloneable](#) , [Securable](#) , [TimeboxedEx](#) , [Packageable](#) , [Cacheable](#)

Author :

stefanu

PROCESSDEFINITIONVERSION

```
interface ProcessDefinitionVersion
```

The Process definition version object

The process definition version identification structure :

ID component	Value	Description
Prefix	DFPR	See com.siatel.domain.Prefix for more information on prefixes
Database ID	numeric	The database ID
Definition ID	numeric	The process definition numeric identification
Definition Version ID	The process definition version numeric identification	-
Not used	0	-
Not used	0	-

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Dated](#) , [Described](#) , [Flagged](#) , [Realized](#) , [DeployableEx](#) , [Replicable](#) , [Referenced](#) , [Cloneable](#) , [Securable](#) , [Version](#) , [Numbered](#) , [TimeboxedEx](#)

Author :

stefanu

RESOURCE

interface Resource

The resource object.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Described](#) , [Flagged](#) , [Owned](#) , [Dated](#) , [Realized](#) , [Cloneable](#) , [Replicable](#) , [Cacheable](#)

See also :

[Prefix#RESOURCE](#)

ROLE

interface Role

The role object.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Replicable](#) , [Cloneable](#) , [Cacheable](#)

See also :

[Prefix#ROLE for id structure](#) , [Privilege for privilege definitions](#)

RULE

interface Rule

The storage rule object interface.

The object links a database to a storage area based on a list of conditions. The rule priority is used to enforce an evaluation order. Higher priority is specified as lower integer value.

All Superinterfaces :

[Identified](#) , [Cloneable](#) , [Replicable](#) , [Flagged](#) , [Cacheable](#)

See also :

[Prefix#DATABASE_STORAGE_RULE](#)

SCRIPT

```
interface Script
```

The 'script' concept definition. This concept groups script code (stored in a file) with script meta-data (lang - the programming language, type - the execution context/layer) and Siatel-object identification naming and common metadata (dates, flags etc).

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Dated](#) , [Flagged](#) , [Described](#) , [Deployable](#) , [Realized](#) , [Serializable](#) , [Cloneable](#) , [Replicable](#)

Author :

victorc

STORAGE

interface Storage

The storage area object interface.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Described](#) , [Flagged](#) , [Dated](#) , [Cloneable](#) , [Replicable](#) , [Cacheable](#)

See also :

[Prefix#STORAGE_AREA](#)

TASK

interface Task

The task object.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [DatedEx](#) , [Described](#) , [Flagged](#) , [Timed](#) , [Expirable](#) , [Managed](#) , [Prioritized](#) , [Replicable](#) , [Cloneable](#)

See also :

[Prefix#TASK for id structure](#)

TYPE

interface Type

The type object.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Replicable](#) , [Realized](#) , [Cloneable](#) , [Packageable](#) , [Cacheable](#)

See also :

[Prefix#TYPE for id structure](#)

USER

interface User

The user interface specifies the behavior of user objects. A user is a physical person that interacts with the system; a user has a password that is used in order to authenticate within the system.

The user may belong to groups and may be assigned to certain roles by the system administrator

The user identification structure :

ID component	Value	Description
Prefix	USER	The user object prefix
Database ID	0	The database ID that stores the user definition; since the users are stored in the administration database, this is always set to zero
User ID	numeric	The numeric ID of the user object
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Replicable](#) , [Cloneable](#) , [Cacheable](#)

Author :

stefanu

USERDELEGATION

interface UserDelegation

The user delegation interface specifies the behavior of user delegation objects. A user can delegate his work to another user during his absence. See the specfile DELEGATE for more details.

The user delegation object identification structure :

ID component	Value	Description
Prefix	DLGT	The user delegation object prefix
Database ID	0	The database ID that stores the user delegation definition; since the delegations are stored in the administration database, this is always set to zero
Delegation ID	numeric	The numeric ID of the user delegation object
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero
Not used	0	Always set to zero

All Superinterfaces :

[Identified](#) , [Owned](#) , [Flagged](#) , [Described](#) , [Dated](#) , [Timed](#) , [Replicable](#) , [Cloneable](#)

Author :

stefanu

VIEWELEMENT

```
interface ViewElement
```

This interface defines the ‘view element’ concept and groups concept definition data accessors.

A ‘view element’ consists of the following:

1. the parent id (view elements are organized hierarchically)
2. a domain filter specification
3. a unicity rule specification
4. a list of name tokens
5. a sort order specification

The **parent id** specifies the id of another view element. All view elements **MUST** have a parent id set. For view elements defined directly in the view root the numeric part of the parent id is 0.

The **domain filter** specifies a list of filter criteria that restricts the values domain for the attributes participating in generating this element’s classes and the children classes generated by this element’s children. If more than one criterion is specified then criteria are combined using ‘AND’ logic operator. **No more than 3 filter criteria can be specified by a view item.**

The **unicity rule** consists of a list of unicity criteria, each of them specifying what attribute or attribute part participates in generating a class. If more than one criterion is specified then the combination of all criteria specified must render to a unique set. **No more than 3 unicity criteria can be specified by a view item.** The rule will be ignored for view elements that specify `IS_OBJECTS` in their `flags` member (see below for more flags).

The **name tokens** must be specified in the order they will appear in the generated classes name. Recognizable and renderable tokens are declared in this interface by the `TOKEN_UNIQUE` constants. The number in the name of the constant specifies which criterion from the unique criteria list to render in the class name. Additional tokens are declared in the [ValueToken](#) utility class. Plain text tokens can be specified and they will render identically in the generated class name.

The **sort order** refers to the order in which the generated classes are enumerated. It is specified by the ‘flags’ member of this class by the `Flag.ORDER` flags grouped by `Flag.CLASS_SORT_MASK`. The number of the flag name specifies to which of the unicity criteria the sort order applies.

The hierarchical structure of the view elements will result in the fact that the domain filters and unique criteria of a view element will act as additional restrictions for its children when generating the children classes.

Additional flags **MUST** be specified in the `flags` member of this interface in `Flag.CLASSES_MASK` range. See below table for allowed combinations.

Combination	Significance
FOR_FOLDERS	Specifies that the classes to which this view element evaluates are based on folders attributes only.
FOR_FOLDERS IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual folders. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for folders not for classes when instantiating this view element.
FOR_PROCESSES	Specifies that the classes to which this view element evaluates are based on processes attributes only.
FOR_PROCESSES IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual processes. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for processes not for classes when instantiating this view element.
FOR_FOLDERS FOR_PROCESSES	Specifies that the classes to which this view element evaluates are based on folders and processes attributes only.
FOR_FOLDERS FOR_PROCESSES IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual folders and processes. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for folders and processes not for classes when instantiating this view element.
FOR_DOCUMENTS	Specifies that the classes to which this view element evaluates are based on documents attributes only.
FOR_DOCUMENTS IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual documents. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for documents not for classes when instantiating this view element.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Replicable](#) , [Cloneable](#)

Since :

12/07/2007

See also :

[com.siatel.domain.View](#) , [com.siatel.domain.FilterCriterion](#) , [com.siatel.domain.UniqueCriterion](#) , [com.siatel.domain.Flag](#) , [com.siatel.domain.ValueToken](#) , [com.siatel.defs.Identified](#) , [com.siatel.defs.Labeled](#) , [com.siatel.defs.Owned](#) , [com.siatel.defs.Flagged](#) , [com.siatel.defs.Dated](#) , [com.siatel.defs.Described](#) , [com.siatel.defs.Replicable](#) , [java.lang.Cloneable](#)

Author :

vic

VIEWELEMENTVERSION

```
interface ViewElementVersion
```

This interface defines the ‘view element version’ concept and groups concept definition data accessors.

A ‘view element’ consists of the following:

1. the parent id (view elements are organized hierarchically)
2. a domain filter specification
3. a unicity rule specification
4. a list of name tokens
5. a sort order specification

The **parent id** specifies the id of another view element. All view elements **MUST** have a parent id set. For view elements defined directly in the view root the numeric part of the parent id is 0.

The **domain filter** specifies a list of filter criteria that restricts the values domain for the attributes participating in generating this element’s classes and the children classes generated by this element’s children. If more than one criterion is specified then criteria are combined using ‘AND’ logic operator. **No more than 3 filter criteria can be specified by a view item.**

The **unicity rule** consists of a list if unicity criteria, each of them specifying what attribute or attribute part participates in generating a class. If more than one criterion is specified then the combination of all criteria specified must render to a unique set. **No more than 3 unicity criteria can be specified by a view item.** The rule will be ignored for view elements that specify `IS_OBJECTS` in their `flags` member (see below for more flags).

The **name tokens** must be specified in the order they will appear in the generated classes name. Recognizable and renderable tokens are declared in this interface by the `TOKEN_UNIQUE` constants. The number in the name of the constant specifies which criterion from the unique criteria list to render in the class name. Additional tokens are declared in the [ValueToken](#) utility class. Plain text tokens can be specified and they will render identically in the generated class name.

The **sort order** refers to the order in which the generated classes are enumerated. It is specified by the ‘flags’ member of this class by the `Flag.ORDER` flags grouped by `Flag.CLASS_SORT_MASK`. The number of the flag name specifies to which of the unicity criteria the sort order applies.

The hierachical strucure of the view elements will result in the fact that the domain filters and unique criteria of a view element will act as additional restrictions for it’s children when generating the children classes.

Additional flags **MUST** be specified in the `flags` member of this interface in `Flag.CLASSES_MASK` range. See below table for allowed combinations.

Combination	Significance
FOR_FOLDERS	Specifies that the classes to which this view element evaluates are based on folders attributes only.
FOR_FOLDERS IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual folders. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for folders not for classes when instantiating this view element.
FOR_PROCESSES	Specifies that the classes to which this view element evaluates are based on processes attributes only.
FOR_PROCESSES IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual processes. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for processes not for classes when instantiating this view element.
FOR_FOLDERS FOR_PROCESSES	Specifies that the classes to which this view element evaluates are based on folders and processes attributes only.
FOR_FOLDERS FOR_PROCESSES IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual folders and processes. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for folders and processes not for classes when instantiating this view element.
FOR_DOCUMENTS	Specifies that the classes to which this view element evaluates are based on documents attributes only.
FOR_DOCUMENTS IS_OBJECTS	Specifies that the classes to which this view element evaluates are actual documents. The unique criteria and name tokens will be ignored in this case. Persistence call will be made for documents not for classes when instantiating this view element.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Replicable](#) , [Cloneable](#)

Since :

12/07/2007

See also :

[com.siatel.domain.View](#) , [com.siatel.domain.FilterCriterion](#) , [com.siatel.domain.UniqueCriterion](#) , [com.siatel.domain.Flag](#) , [com.siatel.domain.ValueToken](#) , [com.siatel.defs.Identified](#) , [com.siatel.defs.Labeled](#) , [com.siatel.defs.Owned](#) , [com.siatel.defs.Flagged](#) , [com.siatel.defs.Dated](#) , [com.siatel.defs.Described](#) , [com.siatel.defs.Replicable](#) , [java.lang.Cloneable](#) , [com.siatel.domain.ViewVersion](#)

Author :

vic

VIEWVERSION

```
interface ViewVersion
```

This interface defines the 'view version' concept and groups concept definition data accessors.

All Superinterfaces :

[Identified](#) , [Labeled](#) , [Owned](#) , [Flagged](#) , [Dated](#) , [Described](#) , [Deployable](#) , [Replicable](#) , [Cloneable](#) , [Commented](#) , [Numbered](#)

Since :

12/07/2007

Author :

vic

See also :

[com.siatel.domain.View](#) , [com.siatel.domain.ViewElement](#) , [com.siatel.defs.Identified](#) , [com.siatel.defs.Labeled](#) , [com.siatel.defs.Owned](#) , [com.siatel.defs.Flagged](#) , [com.siatel.defs.Dated](#) , [com.siatel.defs.Described](#) , [com.siatel.defs.Deployable](#) , [com.siatel.defs.Replicable](#) , [java.lang.Cloneable](#)

CLASSES

FLAG

```
class Flag
```

Various flags used across the Gargantua system.

Bits 0-39 match to core definition interfaces' accessors (Identified, Labeled, Owned etc.).

Bits 40-63 match to core objects specific interfaces' accessors (Folder, Process, Document etc.)

All Superinterfaces :

[IEFlag](#) , [SearchFlag](#) , [AuditFlag](#) , [OtherFlag](#)

Author :

stefanu, victorc

Constant summary :

Type	Constant
long	ID
long	LABEL

long	<u>OWNER_ID</u>
long	<u>FLAGS</u>
long	<u>DESCRIPTION</u>
long	<u>DEPLOYED</u>
long	<u>VERSION</u>
long	<u>FORM_ID</u>
long	<u>ATTRIBUTES</u>
long	<u>FILE_ID</u>
long	<u>FILE_TYPE</u>
long	<u>FILE_SIZE</u>
long	<u>DATE_C</u>
long	<u>DATE_M</u>
long	<u>DATE_A</u>
long	<u>ICON</u>
long	<u>DATE_S</u>
long	<u>DATE_E</u>
long	<u>DATE_D</u>
long	<u>DATE_X</u>
long	<u>OVERDUE</u>
long	<u>EXPIRED</u>
long	<u>REFCOUNT</u>
long	<u>PRIORITY</u>
long	<u>SECURITY PROFILE</u>
long	<u>RENDER_SECURITY</u>
long	<u>UUID</u>
long	<u>TAGS</u>
long	<u>DATE_AR</u>
long	<u>EMAIL</u>
long	<u>REAL_NAME</u>
long	<u>DIRECTORY</u>
long	<u>PASSWORD</u>
long	<u>PRIVILEGES</u>
long	<u>PROFILE</u>
long	<u>ACTIVATED_BY</u>

long	<u>ACTIVATED_AT</u>
long	<u>DEACTIVATED_BY</u>
long	<u>DEACTIVATED_AT</u>
long	<u>DATE_LI</u>
long	<u>DATE_LO</u>
long	<u>WORKING_PLANNER</u>
long	<u>ACCESS_RESTRICTED_BY_WP</u>
long	<u>PARENT_ID</u>
long	<u>DESCRIPTION_URL</u>
long	<u>CONN_URL</u>
long	<u>CRON_EXPRESSION</u>
long	<u>SCRIPT_LANG</u>
long	<u>SCRIPT_TYPE</u>
long	<u>SAMPLE_FILE_ID</u>
long	<u>DISPLAYPROFILE_ID</u>
long	<u>LIFECYCLE_RULE_FILEID</u>
long	<u>ARCHIVE_STORAGE_ID</u>
long	<u>FRAGMENT_FILE_ID</u>
long	<u>HIERARCHY_FILE_ID</u>
long	<u>VERS_OBJ_COMMENT</u>
long	<u>VERS_OBJ_INDEX</u>
long	<u>DATA</u>
long	<u>VERSION_OF</u>
long	<u>DELAY_X</u>
long	<u>DELAY_D</u>
long	<u>PROCESS_ID_PLANNER</u>
long	<u>DEPLOYMENT_FORM_ID</u>
long	<u>DEFINITION_ID</u>
long	<u>RUNTIME_STATE</u>
long	<u>RUNTIME_FILE_ID</u>
long	<u>PROCESS_STATUS</u>
long	<u>PROCESS_START_POINT</u>
long	<u>DRAFT_FORM_PAGE</u>
long	<u>PROFILE_ID</u>

long	<u>TASK_STATUS</u>
long	<u>TASK_ACTORID</u>
long	<u>TASK_EXECUTORID</u>
long	<u>TASK_LOCATION</u>
long	<u>TASK_SUBJECT</u>
long	<u>TASK_PROCESS_LABEL</u>
long	<u>TASK_FORM_PAGE</u>
long	<u>TASK_FORM_ID</u>
long	<u>TIMETABLE</u>
long	<u>DATABASE_ID</u>
long	<u>DAY_TIMETABLE</u>
long	<u>DAY_DATE</u>
long	<u>DAY_RECURRENT</u>
long	<u>RES_TYPE</u>
long	<u>ENUM_MASK</u>
long	<u>GENERIC_ASC</u>
long	<u>GENERIC_DESC</u>
long	<u>BY_DEFAULT_ASC</u>
long	<u>BY_DEFAULT_DESC</u>
long	<u>BY_LABEL_ASC</u>
long	<u>BY_LABEL_DESC</u>
long	<u>BY_DATEC_ASC</u>
long	<u>BY_DATEC_DESC</u>
long	<u>BY_DATEM_ASC</u>
long	<u>BY_DATEM_DESC</u>
long	<u>BY_DATES_ASC</u>
long	<u>BY_DATES_DESC</u>
long	<u>BY_DATED_ASC</u>
long	<u>BY_DATED_DESC</u>
long	<u>BY_PRIO_ASC</u>
long	<u>BY_PRIO_DESC</u>
long	<u>COMMENT_CONTENT</u>
long	<u>OWNER_NAME</u>
long	<u>HIGHER_ID</u>

long	<u>USER_ALL</u>
long	<u>USER_UPDATE_ALL</u>
long	<u>GROUP_ALL</u>
long	<u>GROUP_UPDATE_ALL</u>
long	<u>ROLE_ALL</u>
long	<u>ROLE_UPDATE_ALL</u>
long	<u>PORTAL_ALL</u>
long	<u>PORTAL_UPDATE_ALL</u>
long	<u>PLANNER_ALL</u>
long	<u>PLANNER_DAY_ALL</u>
long	<u>DATABASE_ALL</u>
long	<u>DATABASE_UPDATE_ALL</u>
long	<u>STORAGE_ALL</u>
long	<u>RULE_ALL</u>
long	<u>RESOURCE_ALL</u>
long	<u>TYPE_ALL</u>
long	<u>GRID_ALL</u>
long	<u>ATTRIBUTE_ALL</u>
long	<u>ATTRIBUTE_UPDATE_MASK</u>
long	<u>FORM_ALL</u>
long	<u>FORM_UPDATE_ALL</u>
long	<u>FORM_DEPLOY</u>
long	<u>FORM_UNDEPLOY</u>
long	<u>PROCESSDEF_ALL</u>
long	<u>PROCESSDEF_UPDATE_ALL</u>
long	<u>PROCESSDEF_DEPLOY</u>
long	<u>PROCESSDEF_UNDEPLOY</u>
long	<u>PROCESS_MANAGEMENT</u>
long	<u>SCRIPT_ALL</u>
long	<u>SCRIPT_VERSION_ALL</u>
long	<u>VIEW_ALL</u>
long	<u>VIEW_UPDATE_ALL</u>
long	<u>VIEW_ELEMENT_ALL</u>
long	<u>VIEW_ELEMENT_UPDATE_ALL</u>

long	<u>VIEW_RUNTIME_TREE</u>
long	<u>VIEW_DEPLOY</u>
long	<u>VIEW_UNDEPLOY</u>
long	<u>ISJOB_ALL</u>
long	<u>MODELOCR_ALL</u>
long	<u>SECURITY_PROFILE_ALL</u>
long	<u>FOLDER_PROFILE_ALL</u>
long	<u>FOLDER_TREE</u>
long	<u>FOLDER_ALL</u>
long	<u>FOLDER_FULL</u>
long	<u>FOLDER_UPDATE_ALL</u>
long	<u>FOLDER_UPDATE_FULL</u>
long	<u>DOCUMENT_THUMB</u>
long	<u>DOCUMENT_VC_SYSATTRS</u>
long	<u>DOCUMENT_LIST</u>
long	<u>DOCUMENT_ALL</u>
long	<u>DOCUMENT_FULL</u>
long	<u>VERSION_ALL</u>
long	<u>TRASH_INFO</u>
long	<u>NOTE_ALL</u>
long	<u>SEARCHTEMPLATE_ALL</u>
long	<u>SEARCHTEMPLATE_UPDATEALL</u>
long	<u>PROCESS_ALL</u>
long	<u>TASK_INBOX</u>
long	<u>TASK_ALL</u>
long	<u>USER_PROFILE_ALL</u>
long	<u>JASY_ALL</u>
long	<u>COMPOSITION_RULE_ALL</u>
long	<u>COMPOSITION_RULE_VERSION_ALL</u>
long	<u>FORM_DISPLAY_PROFILE_ALL</u>
long	<u>FORM_VERSION_ALL</u>
long	<u>PROCESSDEF_VERSION_ALL</u>
long	<u>ISJOB_VERSION_ALL</u>
long	<u>MODELOCR_VERSION_ALL</u>

long	<u>VIEW_VERSION_ALL</u>
long	<u>COMMENT_ALL</u>
long	<u>COMMENT_UPDATE_ALL</u>
long	<u>MAIL_TEMPLATE_ALL</u>
long	<u>DEF_FILE_ID</u>
long	<u>DOCUMENT_TEMPLATE_ALL</u>
long	<u>FOR_FOLDERS</u>
long	<u>FOR_PROCESSES</u>
long	<u>FOR_DOCUMENTS</u>
long	<u>FOR_SEARCH</u>
long	<u>CLASSES_MASK</u>
long	<u>IS_OBJECTS</u>
long	<u>SHOW_SUBFOLDERS</u>
long	<u>CLASS_SORT_MASK</u>
long	<u>ORDER_ASC_1</u>
long	<u>ORDER_DESC_1</u>
long	<u>ORDER_ASC_2</u>
long	<u>ORDER_DESC_2</u>
long	<u>ORDER_ASC_3</u>
long	<u>ORDER_DESC_3</u>
long	<u>HAS_CLASSES</u>
long	<u>HAS_DOCUMENTS</u>
long	<u>IS_FOLDER</u>
long	<u>IS_PROCESS</u>
long	<u>ADD_ENABLED</u>
long	<u>HAS_FULLTEXT</u>
long	<u>SECURITY_MODE_MASK</u>
long	<u>SECURITY_MODE_NONE</u>
long	<u>SECURITY_MODE_SIMPLE</u>
long	<u>SECURITY_MODE_MEDIUM</u>
long	<u>SECURITY_MODE_COMPLEX</u>
long	<u>IS_PUBLIC</u>
long	<u>DATABASE_OFFLINE</u>
long	<u>DATABASE_WORKFLOW_INACTIVE</u>

long	<u>DATABASE_LIFECYCLE_INACTIVE</u>
long	<u>DATABASE_LIFECYCLE_DEBUG</u>
long	<u>DATABASE_UNAVAILABLE</u>
long	<u>ENABLE_COMMENTS</u>
long	<u>ENABLE_TRASH</u>
long	<u>DATABASE_LUCENE_SIMPLESEARCH</u>
long	<u>DATABASE_BUILD_LUCENE_SIMPLESEARCH</u>
long	<u>DATABASE_LUCENE_CONTENTSEARCH</u>
long	<u>DATABASE_BUILD_LUCENE_CONTENTSEARCH</u>
long	<u>FULLTEXT_ACCENT_INSENSITIVE</u>
long	<u>FULLTEXT_ACCENT_SENSITIVE</u>
long	<u>FULLTEXT_ACCENT_BOTH</u>
long	<u>IS_DEFAULT</u>
long	<u>FOLDER_HAS_ATTRIBUTES</u>
long	<u>FOLDER_HAS_NOTES</u>
long	<u>FOLDER_HAS_CHILDREN</u>
long	<u>HAS_COMMENTS</u>
long	<u>HAS_NOTIFICATIONS</u>
long	<u>FORM_ATTR_MANDATORY</u>
long	<u>FORM_ATTR_LINKED</u>
long	<u>FORM_ATTR_XNORMAL</u>
long	<u>FORM_ATTR_XSIMPLE</u>
long	<u>FORM_ATTR_XFULLPATH</u>
long	<u>FORM_ATTR_XMULTPILE</u>
long	<u>FORM_ATTR_XCATEGORY</u>
long	<u>FORM_ATTR_XMULTILINE</u>
long	<u>FORM_ATTR_XRADIO</u>
long	<u>FORM_ATTR_XRADIO_INLINE</u>
long	<u>FORM_ATTR_XMASK</u>
long	<u>PROFILE_DEFAULT</u>
long	<u>PROFILE_ANONYMOUS</u>
long	<u>PROFILE_EXTERNAL_EMAIL</u>
long	<u>DOCSTAT_ATTRIBUTES</u>
long	<u>DOCSTAT_CDARCHIVED</u>

long	<u>DOCSTAT_LOCK_OTHER</u>
long	<u>DOCSTAT_LOCK_MYSELF</u>
long	<u>DOCSTAT_LOCKED</u>
long	<u>DOCSTAT_NOTES</u>
long	<u>DOCSTAT_FULLTEXT</u>
long	<u>DOCSTAT_HAS_VERSIONS</u>
long	<u>DOCSTAT_SYS_ATTRIBUTES</u>
long	<u>DOCSTAT_COPYOFDOC</u>
long	<u>DOCSTAT_REFTODOC</u>
long	<u>DOCSTAT_HAS_COMMENTS</u>
long	<u>DOCSTAT_HAS_NOTIFICATIONS</u>
long	<u>USER_IS_EXTERNAL_LDAP</u>
long	<u>USER_IS_SERVER_ACCOUNT</u>
long	<u>USER_LOCKED</u>
long	<u>USER_CHANGEPASS</u>
long	<u>USER_IS_EXTERNAL_EMAIL</u>
long	<u>CAN_CANCEL</u>
long	<u>OVERDUE_BY_TASK</u>
long	<u>EXPIRING_BY_TASK</u>
long	<u>DELETE_ON_FINISH</u>
long	<u>DELETE_ON_CANCEL</u>
long	<u>DELETE_ON_EXPIRE</u>
long	<u>ATTR_ADVANCED_SEARCH</u>
long	<u>ATTR_DATABASE_INDEX_PENDING</u>
long	<u>ATTR_DATABASE_INDEX</u>
long	<u>ATTR_CAPITAL_LETTERS</u>
long	<u>VIRTUAL</u>
long	<u>NO_CHILDREN_ALIVE</u>
long	<u>HAS_VIRTUAL</u>
long	<u>IS_LADRAD</u>
long	<u>USER_PLANNER</u>
long	<u>PROCESS_PLANNER</u>
long	<u>VERSION_PLANNER</u>
long	<u>REORDER_LABEL_ASC</u>

long	<u>REORDER_LABEL_DESC</u>
long	<u>EMAIL_NOTIFICATION</u>
long	<u>CERT_ISSUED_BY</u>
long	<u>CERT_SERVER</u>
long	<u>CERT_FLAG_VALID_2</u>
long	<u>CERT_IDENTITY_PREFIX</u>
long	<u>CERT_IDENTITY_NO</u>
long	<u>CERT_IDENTITY</u>
long	<u>CERT_GEN_CACERT</u>
long	<u>CERTIFICATE_ALL</u>
long	<u>IS_JOB_SCAN</u>
long	<u>IS_JOB_IMPORT</u>
long	<u>IS_JOB_EMAIL</u>
long	<u>IS_JOB_LAD_RAD</u>
long	<u>IS_JOB_SIGN</u>
long	<u>IS_JOB_SIGN_MANDATORY</u>
long	<u>SIMPLE_DEBUG</u>
long	<u>ENABLE_DOCUMENT_ACCESS</u>
long	<u>HAS_PLUGIN_OPTIONS</u>
long	<u>NOTIFICATION_DEFINITION_ALL</u>
long	<u>NOTIFICATION_DEFINITION_FULL</u>
long	<u>NOTIFICATION_ALL</u>
long	<u>NOTIFICATION_FULL</u>
long	<u>FAVORITE_ALL</u>
long	<u>VC_FLAG_START</u>
long	<u>VC_FLAG_MODIF</u>
long	<u>VC_FLAG_AVIZ</u>
long	<u>VC_FLAG_VALID</u>
long	<u>VC_FLAG_PUBLIC</u>
long	<u>VC_FLAG_GED</u>
long	<u>VC_FLAG_BROADCAST</u>
long	<u>PACKAGE_ALL</u>
long	<u>SECURITY_PROFILE_FOR_WORKSPACE</u>
long	<u>OPINION_SET_BY_SUPERVISOR</u>

long	KEEP_VALUES_ON_RESTART
long	TYPE_LOCALIZED
long	ENABLE_TRANSLATIONS
long	MAIL_TEMPLATE_TYPE_MASK
long	MAIL_TEMPLATE_FOR_PROCESS
long	MAIL_TEMPLATE_FOR_VCYCLE
long	MAIL_TEMPLATE_FOR_GENERAL_PURPOSE

Field detail :

```
long ID = 1L
```

Bit 0. Specifies the 'id' field of [com.siatel.defs.Identified](#) implementing objects.

```
long LABEL = 2L
```

Bit 1. Specifies the 'label' property of [com.siatel.defs.Labeled](#) implementing objects.

```
long OWNER_ID = 4L
```

Bit 2. Specifies the 'owner' property of [com.siatel.defs.Owned](#) implementing objects.

```
long FLAGS = 8L
```

Bit 3. Specifies the 'flags' property of [com.siatel.defs.Flagged](#) implementing objects.

```
long DESCRIPTION = 16L
```

Bit 4. Specifies the 'description' property of [com.siatel.defs.Described](#) implementing objects.

```
long DEPLOYED = 32L
```

Bit 5. Specifies the 'deployed' property of [com.siatel.defs.Deployable](#) implementing objects.

```
long VERSION = 64L
```

Bit 6. Specifies the 'version' property of [com.siatel.defs.Versioned](#) implementing objects.

```
long FORM_ID = 128L
```

Bit 7. Specifies the 'form id' property of [com.siatel.defs.Viewable](#) implementing objects.

```
long ATTRIBUTES = 256L
```

Bit 8. Specifies the 'attributes' property of [com.siatel.defs.Viewable](#) implementing objects.

```
long FILE_ID = 512L
```

Bit 9. Specifies the 'file id' property of [com.siatel.defs.Realized](#) implementing objects.

```
long FILE_TYPE = 1024L
```

Bit 10. Specifies the 'file type' property of [com.siatel.defs.RealizedEx](#) implementing objects.

```
long FILE_SIZE = 2048L
```

Bit 11. Specifies the 'file size' property of [com.siatel.defs.RealizedEx](#) implementing objects.

```
long DATE_C = 4096L
```

Bit 12. Specifies the 'date created' property of [com.siatel.defs.Dated](#) implementing objects.

```
long DATE_M = 8192L
```

Bit 13. Specifies the 'date modified' property of [com.siatel.defs.Dated](#) implementing objects.

```
long DATE_A = 16384L
```

Bit 14. Specifies the 'date accessed' property of [com.siatel.defs.DatedEx](#) implementing objects.

```
long ICON = 32768L
```

Bit 15. Specifies the 'icon' property of [com.siatel.defs.Viewable](#) implementing objects.

```
long DATE_S = 65536L
```

Bit 16. Specifies the 'date started' property of [com.siatel.defs.Timed](#) implementing objects.

```
long DATE_E = 131072L
```

Bit 17. Specifies the 'date ended' property of [com.siatel.defs.Timed](#) implementing objects.

```
long DATE_D = 262144L
```

Bit 18. Specifies the 'date due' property of [com.siatel.defs.Expirable](#) implementing objects.

```
long DATE_X = 524288L
```

Bit 19. Specifies the 'date expired' property of [com.siatel.defs.Expirable](#) implementing objects.

```
long OVERDUE = 1048576L
```

Bit 20. Specifies the 'overdue' property of [com.siatel.defs.Expirable](#) implementing objects.

```
long EXPIRED = 2097152L
```

Bit 21. Specifies the 'expired' property of [com.siatel.defs.Expirable](#) implementing objects.

```
long REFCOUNT = 4194304L
```

Bit 22. Specifies the 'refcount' property of [com.siatel.defs.Referenced](#) implementing objects.

```
long PRIORITY = 33554432L
```

Bit 25. Specifies the 'priority' property of [com.siatel.defs.Prioritized](#) implementing objects.

```
long SECURITY_PROFILE = 34359738368L
```

Bit 35. Specifies the 'security profile' property of [com.siatel.defs.Securable](#) implementing objects.

```
long RENDER_SECURITY = 68719476736L
```

Bit 36. Specifies the 'render security' operation which will fill the 'security mask' property of [com.siatel.defs.Securable](#) implementing objects.

```
long UUID = 137438953472L
```

Bit 37. Specifies the 'uuid' property of [com.siatel.defs.UUIDEnabled](#) implementing objects.

```
long TAGS = 274877906944L
```

Bit 38. Specifies the 'tags' property of [com.siatel.defs.Tagged](#) implementing objects.

```
long DATE_AR = 549755813888L
```

Bit 39. Specifies the 'date archive' property of [com.siatel.defs.Archive](#) implementing objects.

```
long EMAIL = 1099511627776L
```

[User](#): Bit 40. Specifies the [User#eMail](#) property.

```
long REAL_NAME = 2199023255552L
```

[User](#): Bit 41. Specifies the [User#realName](#) property.

```
long DIRECTORY = 4398046511104L
```

[User](#), [Group](#), [Role](#): Bit 42. Specifies the [User#externalDirectoryId](#) (similar for groups and roles) property.

```
long PASSWORD = 8796093022208L
```

[User](#): Bit 43. Specifies the 'password' property for.

```
long PRIVILEGES = 17592186044416L
```

[User](#), [Group](#), [Role](#): Bit 44. Specifies the [User#privileges](#), (similar for groups and roles) property.

```
long PROFILE = 35184372088832L
```

[User](#): Bit 45. Specifies the [User#profileId](#) property.

```
long ACTIVATED_BY = 4503599627370496L
```

[User](#): Bit 52. Specifies the 'activated by' property.

```
long ACTIVATED_AT = 9007199254740992L
```

[User](#): Bit 53. Specifies the 'activation date-time' property.

```
long DEACTIVATED_BY = 18014398509481984L
```

[User](#): Bit 54. Specifies the 'deactivated by' property.

```
long DEACTIVATED_AT = 36028797018963968L
```

[User](#): Bit 55. Specifies the 'deactivation date-time' property.

```
long DATE_LI = 72057594037927936L
```

[User](#): Bit 56. Specifies the [User#dateLogin](#) property.

```
long DATE_LO = 144115188075855872L
```

[User](#): Bit 57. Specifies the [User#dateLogout](#) property.

```
long WORKING_PLANNER = 288230376151711744L
```

[User](#): Bit 58. Specifies the 'working planner' property.

```
long ACCESS_RESTRICTED_BY_WP = 576460752303423488L
```

[User](#): Bit 59. Specifies the 'planner restricted access' property.

```
long PARENT_ID = 1099511627776L
```

[Folder](#), [ViewElement](#), [ClassificationElement](#), [Comment](#): Bit 40. Specifies the 'parentId' property.

```
long DESCRIPTION_URL = 1099511627776L
```

[Database](#), [View](#): Bit 40. Specifies the [Database#descriptionUrl](#) (similar for [View](#)) property.

```
long CONN_URL = 35184372088832L
```

[Database](#): Bit 45. Specifies the [Database#connUrl](#) property.

```
long CRON_EXPRESSION = 70368744177664L
```

[Database](#): Bit 46. Specifies the [Database#cronExpression](#) property.

```
long SCRIPT_LANG = 1099511627776L
```

[Script](#), [Script2](#): Bit 40. Specifies the [Script#lang](#), [Script2#lang](#) property.

```
long SCRIPT_TYPE = 2199023255552L
```

[Script](#), [Script2](#): Bit 41. Specifies the [Script#type](#), [Script2#type](#) property.

```
long SAMPLE_FILE_ID = 1099511627776L
```

[ModelOCR](#): Bit 40. Specifies the [ModelOCR#sampleFileId](#) property.

```
long DISPLAYPROFILE_ID = 1099511627776L
```

Bit 40. Specifies the [Form#displayProfileId](#) property (similar for [FormVersion](#)).

```
long LIFECYCLE_RULE_FILEID = 2199023255552L
```

Bit 41. Specifies the [Form#lifecycleRuleFileId](#) property (similar for [FormVersion](#)).

```
long ARCHIVE_STORAGE_ID = 4398046511104L
```

Bit 42. Specifies the [Form#archiveStorageId](#) property (similar for [FormVersion](#)).

```
long FRAGMENT_FILE_ID = 8796093022208L
```

Bit 43. Specifies the [Form#fragmentFileId](#) property (similar for [FormVersion](#)).

```
long HIERARCHY_FILE_ID = 17592186044416L
```

Bit 44. Specifies the [Form#hierarchyFileId](#) property (similar for [FormVersion](#)).

```
long VERS_OBJ_COMMENT = 2251799813685248L
```

[Commented](#): Bit 55. Specifies the [Commented#comment](#) property. Usually applies to design object versions.

```
long VERS_OBJ_INDEX = 4503599627370496L
```

[Numbered](#): Bit 56. Specifies the [Numbered#number](#) property. Usually applies to design object versions.

```
long DATA = 18014398509481984L
```

Bit 54. Specifies the [Attribute#data](#) property.

```
long VERSION_OF = 1099511627776L
```

[ProcessDefinition](#): Bit 40: Specifies the [ProcessDefinition#versionOfId](#) property

```
long DELAY_X = 2199023255552L
```

[ProcessDefinition](#): Bit 41: Specifies the [ProcessDefinition#delayX](#) property

```
long DELAY_D = 4398046511104L
```

[ProcessDefinition](#): Bit 42: Specifies the [ProcessDefinition#delayD](#) property

```
long PROCESS_ID_PLANNER = 8796093022208L
```

[ProcessDefinition](#): Bit 43: Specifies the [ProcessDefinition#plannerId](#) property

```
long DEPLOYMENT_FORM_ID = 17592186044416L
```

[ProcessDefinition](#): Bit 44: Specifies the [ProcessDefinition#deploymentFormId](#) property

```
long DEFINITION_ID = 1099511627776L
```

[Process](#): Bit 40: Specifies the [Process#definitionId](#) property

```
long RUNTIME_STATE = 2199023255552L
```

[Process](#): Bit 41: Specifies the [Process#runtimeState](#) property

```
long RUNTIME_FILE_ID = 4398046511104L
```

[Process](#): Bit 42: Specifies the [Process#runtimeFileId](#) property

```
long PROCESS_STATUS = 8796093022208L
```

[Process](#): Bit 43: Specifies the [Process#status](#) property

```
long PROCESS_START_POINT = 17592186044416L
```

[Process](#): Bit 44: Specifies the [Process#startPoint](#) property

```
long DRAFT_FORM_PAGE = 35184372088832L
```

[Process](#): Bit 45: Specifies the [Process#draftFormPage](#) property

```
long PROFILE_ID = 140737488355328L
```

[Folder](#), [Process](#), [ProcessDefinition](#): Bit 51: Specifies the [Folder#profileId](#) property (similar for [Process](#), [ProcessDefinition](#))

```
long TASK_STATUS = 1099511627776L
```

[Task](#): Bit 40: Specifies the [Task#status](#) property.

```
long TASK_ACTORID = 2199023255552L
```

[Task](#): Bit 41: Specifies the [Task#actorId](#) property.

```
long TASK_EXECUTORID = 4398046511104L
```

[Task](#): Bit 42: Specifies the [Task#executorId](#) property.

```
long TASK_LOCATION = 8796093022208L
```

[Task](#): Bit 43: Specifies the [Task#location](#) property.

```
long TASK_SUBJECT = 17592186044416L
```

[Task](#): Bit 44: Specifies the [Task#subject](#) property.

```
long TASK_PROCESS_LABEL = 35184372088832L
```

Task: Bit 45: Specifies the [Task#processLabel](#) property.

```
long TASK_FORM_PAGE = 70368744177664L
```

Task: Bit 46: Specifies the [Task#formPage](#) property.

```
long TASK_FORM_ID = 140737488355328L
```

Task: Bit 47: Specifies the [Task#formId](#) property.

```
long TIMETABLE = 1099511627776L
```

Planner: Bit 40: Specifies the [Planner#timetable](#) property.

```
long DATABASE_ID = 2199023255552L
```

Planner: Bit 41: Internal flag, it's purpose does not go beyond the persistence level. Developer note: if used in planners, it does not require explicit definition, it is added if the ID flag is present (the id of the planner depends on the database object that uses it)

```
long DAY_TIMETABLE = 1099511627776L
```

PlannerDay: Bit 40: Specifies the [PlannerDay#timetable](#) property.

```
long DAY_DATE = 2199023255552L
```

PlannerDay: Bit 41: Specifies the [PlannerDay#date](#) property.

```
long DAY_RECURRENT = 4398046511104L
```

PlannerDay: Bit 42: Specifies the [PlannerDay#isRecurrent](#) property.

```
long RES_TYPE = 1099511627776L
```

Resource: Bit 40: Specifies the [Resource#type](#) property.

```
long ENUM_MASK = 71776119061217280L
```

Enumeration sort flag. Mask used to filter out the enumeration flags.

```
long GENERIC_ASC = 0L
```

Enumeration sort flag. Generic ascending. 0.

```
long GENERIC_DESC = 281474976710656L
```

Enumeration sort flag. Generic descending. 1.

```
long BY_DEFAULT_ASC = 0L
```

Enumeration sort flag. Use default criteria, ascending.

```
long BY_DEFAULT_DESC = 281474976710656L
```

Enumeration sort flag. Use default criteria, descending.

```
long BY_LABEL_ASC = 562949953421312L
```

Enumeration sort flag. Use 'label' criterion, ascending.

```
long BY_LABEL_DESC = 844424930131968L
```

Enumeration sort flag. Use 'label' criterion, descending.

```
long BY_DATEC_ASC = 1125899906842624L
```

Enumeration sort flag. Use 'dateC' criterion, ascending.

```
long BY_DATEC_DESC = 1407374883553280L
```

Enumeration sort flag. Use 'dateC' criterion, descending.

```
long BY_DATEM_ASC = 1688849860263936L
```

Enumeration sort flag. Use 'dateM' criterion, ascending.

```
long BY_DATEM_DESC = 1970324836974592L
```

Enumeration sort flag. Use 'dateM' criterion, descending.

```
long BY_DATES_ASC = 2251799813685248L
```

Task enumeration sort flag. Use 'dateS' as criterion, ascending. Developer note: The actual criteria is 'task.date_s asc, task.date_d asc, task.date_x asc, proc.priority asc'

```
long BY_DATES_DESC = 2533274790395904L
```

Task enumeration sort flag. Use 'dateS' as criterion, descending. Developer note: The actual criteria is 'task.date_s desc, task.date_d asc, task.date_x asc, proc.priority asc'

```
long BY_DATED_ASC = 2814749767106560L
```

Task enumeration sort flag. Use 'dateD' as criterion, ascending. Developer note: The actual criteria is 'task.date_d asc, task.date_x asc, proc.priority asc, task.date_s desc'

```
long BY_DATED_DESC = 3096224743817216L
```

Task enumeration sort flag. Use 'dateD' as criterion, descending. Developer note: The actual criteria is 'task.date_d desc, task.date_x asc, proc.priority asc, task.date_s desc'

```
long BY_PRIO_ASC = 3377699720527872L
```

Task enumeration sort flag. Use 'priority' as criterion, ascending. Developer note: The actual criteria is 'proc.priority desc, task.date_d asc, task.date_x asc, task.date_s desc'

```
long BY_PRIO_DESC = 3659174697238528L
```

Task enumeration sort flag. Use 'priority' as criterion, ascending. Developer note: The actual criteria is 'proc.priority asc, task.date_d asc, task.date_x asc, task.date_s desc'

```
long COMMENT_CONTENT = 2199023255552L
```

[Comment](#): Bit 41: Specifies the [Comment#content](#) property.

```
long OWNER_NAME = 4398046511104L
```

[Comment](#): Bit 42: Specifies the [Comment#ownerName](#) property.

```
long HIGHER_ID = 175921860444160L
```

[Role](#): Bit 45 and 47: Specifies the [Role#higherId](#) property.

```
long USER_ALL = 1080933179801481247L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
PASSWORD | PRIVILEGES | EMAIL | REAL_NAME | DIRECTORY | DATE_LI |
DATE_LO | WORKING_PLANNER | ACCESS_RESTRICTED_BY_WP
```

```
long USER_UPDATE_ALL = 864716417222582298L
```

```
LABEL | FLAGS | DESCRIPTION | DATE_M | PRIVILEGES | EMAIL | REAL_NAME
| DIRECTORY | WORKING_PLANNER | ACCESS_RESTRICTED_BY_WP
```

```
long GROUP_ALL = 21990232567839L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
PRIVILEGES | DIRECTORY
```

```
long GROUP_UPDATE_ALL = 21990232563739L
```

```
ID | LABEL | FLAGS | DESCRIPTION | DATE_M | PRIVILEGES | DIRECTORY
```

```
long ROLE_ALL = 197912093011999L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
PRIVILEGES | DIRECTORY | HIGHER_ID
```

```
long ROLE_UPDATE_ALL = 197912093007899L
```

```
ID | LABEL | FLAGS | DESCRIPTION | DATE_M | PRIVILEGES | DIRECTORY |
HIGHER_ID
```

```
long PORTAL_ALL = 12831L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |  
FILE_ID
```

```
long PORTAL_UPDATE_ALL = 8731L
```

```
ID | LABEL | FLAGS | DESCRIPTION | DATE_M | FILE_ID.
```

```
long PLANNER_ALL = 3298534895679L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |  
DEPLOYED | TIMETABLE | DATABASE_ID.
```

```
long PLANNER_DAY_ALL = 7696581394441L
```

```
ID | FLAGS | DAY_TIMETABLE | DAY_DATE | DAY_RECURRENT.
```

```
long DATABASE_ALL = 18154036486221855L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |  
ADMINISTRATOR_ID | DESCRIPTION_URL | ANONYMOUS_COMMANDS |  
RESTRICTED_COMMANDS | FULL_COMMANDS | CONN_URL | CRON_EXPRESSION |  
DATA
```

```
long DATABASE_UPDATE_ALL = 18154036486217755L
```

```
ID | LABEL | FLAGS | DESCRIPTION | DATE_M | ADMINISTRATOR_ID |  
DESCRIPTION_URL | CONN_URL | ANONYMOUS_COMMANDS | RESTRICTED_COMMANDS  
| FULL_COMMANDS | CRON_EXPRESSION | DATA
```

```
long STORAGE_ALL = 12319L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M.
```

```
long RULE_ALL = 9L
```

```
ID | FLAGS
```

```
long RESOURCE_ALL = 1099511640607L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | FILE_ID | RES_TYPE |  
DATE_C | DATE_M
```

```
long TYPE_ALL = 137438966303L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | FILE_ID | DATE_C |  
DATE_M | PACKAGE
```

```
long GRID_ALL = 137438966303L
```

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | FILE_ID | DATE_C |
DATE_M | PACKAGE

long ATTRIBUTE_ALL = 18014536485318687L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | TYPE_ID | DATE_C |
DATE_M | DATA | PACKAGE

long ATTRIBUTE_UPDATE_MASK = 536870938L

LABEL | FLAGS | DESCRIPTION | TYPE_ID

long FORM_ALL = 34235184362047L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
DEPLOYED | FILE_ID | DEPLOYMENT_ID | DEPLOYMENT_STAMP | ICON |
DISPLAYPROFILE_ID | LIFECYCLE_RULE_FILEID | ARCHIVE_STORAGE_ID |
FRAGMENT_FILE_ID | HIERARCHY_FILE_ID | PACKAGE

long FORM_UPDATE_ALL = 45599L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
FILE_ID | ICON

long FORM_DEPLOY = 12884901921L

ID | DEPLOYED | DEPLOYMENT_ID | DEPLOYMENT_STAMP

long FORM_UNDEPLOY = 33L

ID | DEPLOYED

long PROCESSDEF_ALL = 280560203215551L

ID | LABEL | OWNER_ID | FLAGS | FORM_ID | DESCRIPTION | DATE_C |
DATE_M | FILE_ID | DEPLOYED | DEPLOYMENT_ID | DEPLOYMENT_STAMP |
DELAY_D | DELAY_X | PRIORITY | REFCOUNT | VERSION_OF | MANAGER_ID |
PROCESS_ID_PLANNER | DEPLOYMENT_FORM_ID | SECURITY_PROFILE |
PROFILE_ID | DELAY_D_ATTR_ID | DELAY_X_ATTR_ID | PACKAGE

long PROCESSDEF_UPDATE_ALL = 261718177526431L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
FILE_ID | MANAGER_ID | FORM_ID | PROCESS_ID_PLANNER | PRIORITY | ICON
| DELAY_D | DELAY_X | SECURITY_PROFILE | PROFILE_ID

long PROCESSDEF_DEPLOY = 17605070946337L

ID | DEPLOYED | DEPLOYMENT_ID | DEPLOYMENT_STAMP | DEPLOYMENT_FORM_ID

```
long PROCESSDEF_UNDEPLOY = 33L
```

```
ID | DEPLOYED
```

```
long PROCESS_MANAGEMENT = 9895659025055L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |  
FILE_ID | MANAGER_ID | FORM_ID | PRIORITY | PROCESS_ID_PLANNER | ICON  
| DATE_S | DATE_D | DATE_X | OVERDUE | EXPIRED | PROCESS_STATUS |  
DEFINITION_ID
```

```
long SCRIPT_ALL = 3448858751551L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |  
FILE_ID | SCRIPT_LANG | SCRIPT_TYPE | DEPLOYED | DEPLOYMENT_ID |  
DEPLOYMENT_STAMP | PACKAGE
```

```
long SCRIPT_VERSION_ALL = 6758848299807295L
```

```
SCRIPT_ALL | VERS_OBJ_COMMENT | VERS_OBJ_INDEX
```

```
long VIEW_ALL = 1236950626367L
```

```
ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DESCRIPTION |  
DEPLOYED | DESCRIPTION_URL | ICON | PACKAGE
```

```
long VIEW_UPDATE_ALL = 1099511672863L
```

```
ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DESCRIPTION |  
DESCRIPTION_URL | ICON
```

```
long VIEW_ELEMENT_ALL = 1099511640095L
```

```
ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DESCRIPTION |  
DISPLAYPROFILE_ID
```

```
long VIEW_ELEMENT_UPDATE_ALL = 8219L
```

```
ID | LABEL | FLAGS | DATE_M | DESCRIPTION
```

```
long VIEW_RUNTIME_TREE = 11L
```

```
ID | LABEL | FLAGS
```

```
long VIEW_DEPLOY = 33L
```

```
ID | DEPLOYED
```

```
long VIEW_UNDEPLOY = 33L
```

ID | DEPLOYED

long ISJOB_ALL = 141733933631L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
DEPLOYED | FILE_ID | DEPLOYMENT_ID | PACKAGE

long MODELOCN_ALL = 141733933631L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
DEPLOYED | FILE_ID | DEPLOYMENT_ID | PACKAGE

long SECURITY_PROFILE_ALL = 137438965823L

ID | LABEL | DESCRIPTION | DATE_C | DATE_M | OWNER_ID | FLAGS |
CUSTOM_SECURITY_PROCEDURE | PACKAGE

long FOLDER_PROFILE_ALL = 139775415693343L

ID | LABEL | DESCRIPTION | DATE_C | DATE_M | OWNER_ID | FLAGS |
FP_COLUMNS | FP_OVERRIDDEN_OPTIONS | FP_CHILD_FORM_IDS |
FP_CHILD_DEF_FORM_ID | FP_CHILD_DEF_PROFILE_ID | FP_DOC_FORM_IDS |
FP_DOC_DEF_FORM_ID | PACKAGE

long FOLDER_TREE = 32779L

ID | LABEL | FLAGS | ICON

long FOLDER_ALL = 18155178947768463L

ID | LABEL | FLAGS | ICON | OWNER_ID | FORM_ID | FORM_PAGE | DATE_C |
DATE_M | MODIFY_BY | DATE_A | DATE_S | DATE_E | SECURITY_PROFILE |
PROFILE_ID

long FOLDER_FULL = 18155178947768719L

ID | LABEL | FLAGS | ICON | OWNER_ID | FORM_ID | FORM_PAGE | DATE_C |
DATE_M | MODIFY_BY | DATE_A | DATE_S | DATE_E | SECURITY_PROFILE |
PROFILE_ID | ATTRIBUTES

long FOLDER_UPDATE_ALL = 140780438253706L

LABEL | FLAGS | DATE_C | DATE_M | DATE_A | FORM_ID | FORM_PAGE |
STATE_ID | DATE_S | DATE_E | SECURITY_PROFILE | PROFILE_ID

long FOLDER_UPDATE_FULL = 140780438253962L

LABEL | FLAGS | DATE_C | DATE_M | DATE_A | FORM_ID | FORM_PAGE |
ATTRIBUTES | STATE_ID | DATE_S | DATE_E | SECURITY_PROFILE |

PROFILE_ID

```
long DOCUMENT_THUMB = 39594266187L
```

ID | LABEL | FLAGS | VERSION | FILE_ID | FILE_TYPE | FILE_SIZE | ICON
| LOCKED_BY | DATE_L | VALID_MILLIS | LOCK_TYPE | SECURITY_PROFILE

```
long DOCUMENT_VC_SYSATTRS = 2053641430081732608L
```

Flag.REQUESTED_BY | Flag.VALIDATED_BY | Flag.DATE_VALIDATION |
Flag.DATE_PUBLISHED | Flag.DATE_EXPIRED | Flag.VALIDITY

```
long DOCUMENT_LIST = 18014712984813131L
```

ID | LABEL | FLAGS | VERSION | FILE_ID | FILE_TYPE | FILE_SIZE | ICON
| LOCKED_BY | DATE_L | VALID_MILLIS | LOCK_TYPE | SECURITY_PROFILE |
DATE_C | DATE_M | OCR_FILE_ID | LINKED_ID | TAGS

```
long DOCUMENT_ALL = 2071656151656496847L
```

ID | LABEL | FLAGS | VERSION | FILE_ID | FILE_TYPE | FILE_SIZE | ICON
| LOCKED_BY | DATE_L | VALID_MILLIS | LOCK_TYPE | SECURITY_PROFILE |
DATE_C | DATE_M | OCR_FILE_ID | LINKED_ID | TAGS | OWNER_ID | FORM_ID
| FORM_PAGE | DATE_A

```
long DOCUMENT_FULL = 2071656151656497103L
```

ID | LABEL | FLAGS | VERSION | FILE_ID | FILE_TYPE | FILE_SIZE | ICON
| LOCKED_BY | DATE_L | VALID_MILLIS | LOCK_TYPE | SECURITY_PROFILE |
DATE_C | DATE_M | OCR_FILE_ID | LINKED_ID | TAGS | OWNER_ID | FORM_ID
| FORM_PAGE | DATE_A | ATTRIBUTES

```
long VERSION_ALL = 2251799813717583L
```

ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DATE_A | FILE_ID |
FILE_SIZE | FILE_TYPE | VERSION | VERS_OBJ_COMMENT

```
long TRASH_INFO = 4573969445289984L
```

DELETED | DATE_DEL | DELETE_BY

```
long NOTE_ALL = 29189L
```

ID | OWNER_ID | DATE_C | DATE_M | DATE_A | FILE_ID

```
long SEARCHTEMPLATE_ALL = 67121695L
```

LABEL | FLAGS | DATE_C | DATE_M | DESCRIPTION | ID | OWNER_ID |
FILE_ID | PRESENTATION

```
long SEARCHTEMPLATE_UPDATEALL = 67117595L
```

```
LABEL | FLAGS | DATE_M | DESCRIPTION | ID | FILE_ID | PRESENTATION
```

```
long PROCESS_ALL = 18294816982922127L
```

```
ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DATE_A | DATE_D |  
DATE_X | DATE_E | DATE_S | FILE_ID | FORM_ID | FORM_PAGE | ATTRIBUTES  
| PRIORITY | REFCOUNT | OVERDUE | EXPIRED | PROCESS_STATUS |  
RUNTIME_FILE_ID | RUNTIME_STATE | DEFINITION_ID | MANAGER_ID |  
PROCESS_ID_PLANNER | PROCESS_START_POINT | DRAFT_FORM_PAGE |  
SECURITY_PROFILE | PROFILE_ID
```

```
long TASK_INBOX = 280375500537867L
```

```
ID | LABEL | FLAGS | DATE_S | DATE_D | DATE_X | PRIORITY | OVERDUE |  
TASK_ACTORID | TASK_EXECUTORID | TASK_STATUS | TASK_LOCATION |  
TASK_PROCESS_LABEL | TASK_SUBJECT | TASK_FORM_PAGE | TASK_FORM_ID
```

```
long TASK_ALL = 280375517315083L
```

```
ID | LABEL | FLAGS | DATE_S | DATE_D | DATE_X | PRIORITY | OVERDUE |  
MANAGER_ID | TASK_ACTORID | TASK_EXECUTORID | TASK_STATUS |  
TASK_LOCATION | TASK_PROCESS_LABEL | TASK_SUBJECT | TASK_FORM_PAGE |  
TASK_FORM_ID
```

```
long USER_PROFILE_ALL = 1099511640095L
```

```
ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |  
PARENT_ID
```

```
long JASY_ALL = 69269232758799L
```

```
ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DATE_S | DATE_E |  
JASY_TYPE | JASY_STATUS | JASY_PROG_PERCENT | JASY_PROG_STATUS |  
JASY_EMAIL | JASY_CONFIG
```

```
long COMPOSITION_RULE_ALL = 150323868223L
```

```
ID | LABEL | DESCRIPTION | DATE_C | DATE_M | OWNER_ID | FLAGS |  
DEPLOYED | FILE_ID | DEPLOYMENT_ID | DEPLOYMENT_STAMP | PACKAGE
```

```
long COMPOSITION_RULE_VERSION_ALL = 6755399441068575L
```

```
ID | LABEL | DESCRIPTION | DATE_C | DATE_M | OWNER_ID | FLAGS |  
FILE_ID | VERS_OBJ_COMMENT | VERS_OBJ_INDEX
```

```
long FORM_DISPLAY_PROFILE_ALL = 140737488355457L
```

ID | FORM_ID | PROFILE_ID

long FORM_VERSION_ALL = 6789634625417791L

FORM_ALL | VERS_OBJ_COMMENT | VERS_OBJ_INDEX

long PROCESSDEF_VERSION_ALL = 7017130507645631L

ID | LABEL | OWNER_ID | FLAGS | FORM_ID | DESCRIPTION | DATE_C |
DATE_M | FILE_ID | DEPLOYED | DEPLOYMENT_ID | DEPLOYMENT_STAMP |
DELAY_D | DELAY_X | PRIORITY | REFCOUNT | MANAGER_ID |
PROCESS_ID_PLANNER | SECURITY_PROFILE | PROFILE_ID | VERS_OBJ_COMMENT
| VERS_OBJ_INDEX

long ISJOB_VERSION_ALL = 6755399441068607L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
DEPLOYED | FILE_ID | VERS_OBJ_COMMENT | VERS_OBJ_INDEX

long MODELOCVERSION_ALL = 6755399441068607L

ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M |
DEPLOYED | FILE_ID | VERS_OBJ_COMMENT | VERS_OBJ_INDEX

long VIEW_VERSION_ALL = 6756498952695871L

ID | LABEL | OWNER_ID | FLAGS | DATE_C | DATE_M | DESCRIPTION |
DEPLOYED | DESCRIPTION_URL | VERS_OBJ_COMMENT | VERS_OBJ_INDEX

long COMMENT_ALL = 7696581406735L

ID | LABEL | FLAGS | DATE_C | DATE_M | OWNER_ID | OWNER_NAME |
PARENT_ID | COMMENT_CONTENT

long COMMENT_UPDATE_ALL = 6597069774858L

LABEL | FLAGS | DATE_M | OWNER_NAME | COMMENT_CONTENT

long MAIL_TEMPLATE_ALL = 137438966303L

ID | LABEL | DESCRIPTION | DATE_C | DATE_M | OWNER_ID | FLAGS |
FILE_ID

long DEF_FILE_ID = 1099511627776L

Specifies the [DocumentTemplate#defFileId](#) property).

long DOCUMENT_TEMPLATE_ALL = 1236950594079L

ID | LABEL | DESCRIPTION | DATE_C | DATE_M | OWNER_ID | FLAGS |

FILE_ID | DEF_FILE_ID | PACKAGE

```
long FOR_FOLDERS = 16777216L
```

[Form#flags](#): Specifies form can be set on folders. Can be combined with [#FOR_PROCESSES](#)|[#FOR_DOCUMENTS](#)|[#FOR_SEARCH](#) in this case.

[ViewElement#flags](#): Specifies view element will render on folders. Can be combined with [#FOR_PROCESSES](#) but not [#FOR_DOCUMENTS](#) in this case.

```
long FOR_PROCESSES = 33554432L
```

[Form#flags](#): Specifies form can be set on processes. Can be combined with [#FOR_FOLDERS](#)|[#FOR_DOCUMENTS](#)|[#FOR_SEARCH](#) in this case.

[ViewElement#flags](#): Specifies view element will render on processes. Can be combined with [#FOR_FOLDERS](#) but not [#FOR_DOCUMENTS](#) in this case.

```
long FOR_DOCUMENTS = 67108864L
```

[Form#flags](#): Specifies form can be set on documents. Can be combined with [#FOR_PROCESSES](#)|[#FOR_FOLDERS](#)|[#FOR_SEARCH](#) in this case.

[ViewElement#flags](#): Specifies view element will render on folders. Cannot be combined with neither [#FOR_PROCESSES](#) nor [#FOR_FOLDERS](#) in this case.

```
long FOR_SEARCH = 134217728L
```

[Form#flags](#): Specifies form can be set on folders. Can be combined with [#FOR_PROCESSES](#)|[#FOR_DOCUMENTS](#)|[#FOR_SEARCH](#) in this case.

```
long CLASSES_MASK = -1895825408L
```

Bit-mask for [ViewElement#flags](#)

```
long IS_OBJECTS = 134217728L
```

[ViewElement#flags](#): specifies that view element renders to actual objects (folders, document, processes)

```
long SHOW_SUBFOLDERS = -2147483648L
```

[ViewElement#flags](#): specifies that rendered class element shall display the real folders in the tree.

Applies only to view elements containing 'FOR_FOLDERS', otherwise this should be signaled as error by compiler

```
long CLASS_SORT_MASK = 1879048192L
```

Bit mask for criteria sorting specified in [ViewElement#flags](#)

```
long ORDER_ASC_1 = 0L
```

[ViewElement#flags](#): order by first unicity criterion, ascending (by default)

```
long ORDER_DESC_1 = 268435456L
```

[ViewElement#flags](#): order by first unicity criterion, descending

```
long ORDER_ASC_2 = 0L
```

[ViewElement#flags](#): order by second unicity criterion, ascending (by default)

```
long ORDER_DESC_2 = 536870912L
```

[ViewElement#flags](#): order by second unicity criterion, descending

```
long ORDER_ASC_3 = 0L
```

[ViewElement#flags](#): order by third unicity criterion, ascending (by default)

```
long ORDER_DESC_3 = 1073741824L
```

[ViewElement#flags](#): order by third unicity criterion, descending (by default)

```
long HAS_CLASSES = 4294967296L
```

[ClassificationElement#flags](#): Specifies item has child elements to render.

```
long HAS_DOCUMENTS = 8589934592L
```

[ClassificationElement#flags](#): Specifies item has document list render.

```
long IS_FOLDER = 17179869184L
```

[ClassificationElement#flags](#): Specifies item is actual folder.

```
long IS_PROCESS = 34359738368L
```

[ClassificationElement#flags](#): Specifies item is actual process.

```
long ADD_ENABLED = 68719476736L
```

[ClassificationElement#flags](#): Specifies documents can be added in item.

```
long HAS_FULLTEXT = 1L
```

[Database#flags](#): Database has fulltext capability (bit 0)

```
long SECURITY_MODE_MASK = 6L
```

[Database#flags](#): 2-bit mask for the database security support (bits 1 and 2)

```
long SECURITY_MODE_NONE = 0L
```

[Database#flags](#): Security mode 0, database has no security support

```
long SECURITY_MODE_SIMPLE = 2L
```

[Database#flags](#): Security mode 2 ($1 \ll 1$), database has simple security support

```
long SECURITY_MODE_MEDIUM = 4L
```

[Database#flags](#): Security mode 4 ($2 \ll 1$), database has medium security support

```
long SECURITY_MODE_COMPLEX = 6L
```

[Database#flags](#): Security mode 6 ($3 \ll 1$), database has complex security support

```
long IS_PUBLIC = 8L
```

[Database#flags](#): database is public (bit 3).

[View#flags](#): view is public.

[SearchTemplate#flags](#): search template is public.

```
long DATABASE_OFFLINE = 16384L
```

[Database#flags](#): Database offline (bit 13)

```
long DATABASE_WORKFLOW_INACTIVE = 32768L
```

[Database#flags](#): Workflow paused on database (bit 14)

```
long DATABASE_LIFECYCLE_INACTIVE = 131072L
```

[Database#flags](#): Lifecycle jobs paused on database (bit 15)

```
long DATABASE_LIFECYCLE_DEBUG = 262144L
```

[Database#flags](#): Lifecycle is in debug mode, as in it does not actually archive/delete objects, only dumps rendered result to console (bit 16)

```
long DATABASE_UNAVAILABLE = 4611686018427387904L
```

[Database#flags](#): Database schema is external and is unavailable (bit 17)

```
long ENABLE_COMMENTS = 536870912L
```

[Database#flags](#): specifies if forum is enabled on a database

```
long ENABLE_TRASH = 17179869184L
```

[Database#flags](#): specifies if recycle bin is enabled on a database

```
long DATABASE_LUCENE_SIMPLESEARCH = 72057594037927936L
```

[Database#flags](#): Database has lucene simple search capability

```
long DATABASE_BUILD_LUCENE_SIMPLESEARCH = 144115188075855872L
```

[Database#flags](#): lcn_ss reindexing database in progress...

```
long DATABASE_LUCENE_CONTENTSEARCH = 288230376151711744L
```

[Database#flags](#): Database has lucene content search capability

```
long DATABASE_BUILD_LUCENE_CONTENTSEARCH = 576460752303423488L
```

[Database#flags](#): lcn_content reindexing database in progress...

```
long FULLTEXT_ACCENT_INSENSITIVE = 4503599627370496L
```

[Database#flags](#): accent insensitive solr index (index type)

```
long FULLTEXT_ACCENT_SENSITIVE = 9007199254740992L
```

[Database#flags](#): accent sensitive solr index (index type)

```
long FULLTEXT_ACCENT_BOTH = 13510798882111488L
```

[Database#flags](#): accent sensitive and insensitive solr index (query time selection) (index type)

```
long IS_DEFAULT = 32L
```

[Planner#flags](#): specifies this planner is the server default planner.

[Portal#flags](#): specifies this portal is the server default portal.

```
long FOLDER_HAS_ATTRIBUTES = 1L
```

[Folder#flags](#): specifies folder has custom attributes which are not empty

```
long FOLDER_HAS_NOTES = 2L
```

[Folder#flags](#): specifies folder has notes, useful to add a 'note' symbol to the folder icon, wherever it is displayed.

```
long FOLDER_HAS_CHILDREN = 4L
```

[Folder#flags](#): specifies folder has sub-folders, useful to add a '+' sign to the folder tree item.

```
long HAS_COMMENTS = 32768L
```

[Folder#flags](#): specifies folder has comments, useful to add a 'comments' symbol to the folder icon, wherever it is displayed.

[Document#flags](#): specifies document has comments, useful to add a 'comments' symbol to the document icon, wherever it is displayed.

[Process#flags](#): specifies process has comments, useful to add a 'comments' symbol to the process icon,

wherever it is displayed.

```
long HAS_NOTIFICATIONS = 262144L
```

[Folder#flags](#): specifies folder has notifications, useful to add a 'notification' symbol to the folder icon, wherever it is displayed.

[Document#flags](#): specifies document has notifications, useful to add a 'notification' symbol to the document icon, wherever it is displayed.

[Process#flags](#): specifies process has notifications, useful to add a 'notification' symbol to the process icon, wherever it is displayed.

```
long FORM_ATTR_MANDATORY = 1L
```

(Long) [Assignment#data](#): specifies attribute is mandatory in context of form.

```
long FORM_ATTR_LINKED = 2L
```

(Long) [Assignment#data](#): specifies attribute is linked to another attribute in context of form.

```
long FORM_ATTR_XNORMAL = 0L
```

(Long) [Assignment#data](#): specifies the list attribute is normal, has no special behavior.

```
long FORM_ATTR_XSIMPLE = 16L
```

(Long) [Assignment#data](#): specifies the list attribute is plain, as in the hierarchy value is irrelevant, all items are considered on same level and are represented as a linear list.

```
long FORM_ATTR_XFULLPATH = 32L
```

(Long) [Assignment#data](#): specifies the list attribute is 'full path', as in items are specified with all parent items in the hierarchy

```
long FORM_ATTR_XMULTIPLE = 48L
```

(Long) [Assignment#data](#): specifies the list attribute is 'multiple selection', as in the attribute value can contain more than one value from the list.

```
long FORM_ATTR_XCATEGORY = 64L
```

(Long) [Assignment#data](#): specifies the list attribute is 'category type', as in the attribute value can contain any value from the list except first level values.

```
long FORM_ATTR_XMULTILINE = 80L
```

(Long) [Assignment#data](#): bit mask for the above properties, since they are exclusive.

```
long FORM_ATTR_XRADIO = 96L
```

(Long) [Assignment#data](#): specifies the list attribute is a list of radio buttons

```
long FORM_ATTR_XRADIO_INLINE = 112L
```

(Long) [Assignment#data](#): specifies the list attribute is a list of inline radio buttons

```
long FORM_ATTR_XMASK = 240L
```

(Long) [Assignment#data](#): bit mask for the above properties, since they are exclusive.

```
long PROFILE_DEFAULT = 1L
```

[UserProfile#flags](#): specifies it is the default user profile.

```
long PROFILE_ANONYMOUS = 2L
```

[UserProfile#flags](#): specifies it is the user profile for anonymous connections

```
long PROFILE_EXTERNAL_EMAIL = 4L
```

[UserProfile#flags](#): specifies it is the user profile for external email users connections

```
long DOCSTAT_ATTRIBUTES = 1L
```

[Document#flags](#): document has custom attributes which are not empty.

```
long DOCSTAT_CDARCHIVED = 4L
```

[Document#flags](#): document file is stored on optical media.

[DocumentVersion#flags](#): document file is stored on optical media.

```
long DOCSTAT_LOCK_OTHER = 8L
```

[Document#flags](#): document is locked to user other than one accessing the document. This flag is connection dependent.

```
long DOCSTAT_LOCK_MYSELF = 16L
```

[Document#flags](#): document is locked to user accessing the document. This flag is connection dependent.

```
long DOCSTAT_LOCKED = 32L
```

[Document#flags](#): document is locked for changes.

```
long DOCSTAT_NOTES = 64L
```

[Document#flags](#): document has notes.

```
long DOCSTAT_FULLTEXT = 256L
```

[Document#flags](#): document has indexed content.

```
long DOCSTAT_HAS_VERSIONS = 512L
```

[Document#flags](#): document has versions.

```
long DOCSTAT_SYS_ATTRIBUTES = 1024L
```

[Document#flags](#): search hit in document's system attributes. This flag is relevant in the context of search.

```
long DOCSTAT_COPYOFDOC = 2048L
```

[Document#flags](#): document is copy of another document specified by [Document#linkedId](#).

```
long DOCSTAT_REFTODOC = 4096L
```

[Document#flags](#): document is a reference of another document specified by [Document#linkedId](#).

```
long DOCSTAT_HAS_COMMENTS = 32768L
```

[Document#flags](#): document has comments

```
long DOCSTAT_HAS_NOTIFICATIONS = 262144L
```

[Document#flags](#): document has notifications

```
long USER_IS_EXTERNAL_LDAP = 1L
```

[User#flags](#): user is imported from an external directory.

```
long USER_IS_SERVER_ACCOUNT = 2L
```

[User#flags](#): this is a sever account

```
long USER_LOCKED = 4294967296L
```

[User#flags](#): user's account is locked (explicitly by admin or due to successive failed login attempts)

```
long USER_CHANGEPASS = 8589934592L
```

[User#flags](#): user must change pass on next login

```
long USER_IS_EXTERNAL_EMAIL = 17179869184L
```

[User#flags](#): user is external (identified by email)

```
long CAN_CANCEL = 256L
```

[Task#flags](#): task can be canceled by user

```
long OVERDUE_BY_TASK = 512L
```

[Process#flags](#): process is marked overdue because of task who is past it's due date

```
long EXPIRING_BY_TASK = 1024L
```

[Process#flags](#): process is marked as expiring because of task who is close (less than 1 day) to it's expiry date.

```
long DELETE_ON_FINISH = 4096L
```

[Process#flags](#): process should be automatically deleted when it is finished.

[ProcessDefinition#flags](#): instances should be automatically deleted when they are finished.

```
long DELETE_ON_CANCEL = 8192L
```

[Process#flags](#): process should be automatically deleted when it is canceled.

[ProcessDefinition#flags](#): instances should be automatically deleted when they are canceled.

```
long DELETE_ON_EXPIRE = 16384L
```

[Process#flags](#): process should be automatically deleted when it expires.

[ProcessDefinition#flags](#): instances should be automatically deleted when they expire.

```
long ATTR_ADVANCED_SEARCH = 268435456L
```

[Attribute#flags](#): hide the attribute in advanced search.

```
long ATTR_DATABASE_INDEX_PENDING = 536870912L
```

[Attribute#flags](#): there is an index operation using this attribute currently running on the database.

```
long ATTR_DATABASE_INDEX = 1073741824L
```

[Attribute#flags](#): this attribute is indexed to speed up search using it as criteria.

```
long ATTR_CAPITAL_LETTERS = 2147483648L
```

[Attribute#flags](#): this attribute contains only capital letters

```
long VIRTUAL = 36028797018963968L
```

[ArchiveFolder#flags](#): the folder is a virtual place-holder for it's corresponding active object.

```
long NO_CHILDREN_ALIVE = 2147483648L
```

[ArchiveFolder#flags](#): the folder has only the children in the trash or is empty.

```
long HAS_VIRTUAL = 72057594037927936L
```

[Folder#flags](#): the folder has a virtual place-holder corresponding in the archive.

```
long IS_LADRAD = 64L
```

[ModelOCR#flags](#): the OCR model is result of a FlexiCapture import

```
long USER_PLANNER = 64L
```

[Planner#flags](#): the planner is a user's own custom planner.

```
long PROCESS_PLANNER = 128L
```

[Planner#flags](#): the planner is a process's own custom planner.

```
long VERSION_PLANNER = 256L
```

[Planner#flags](#): the planner is a process version's own custom planner.

```
long REORDER_LABEL_ASC = 0L
```

'Folder sort' operation flag. Means sort folders by label alphabetically ascending.

```
long REORDER_LABEL_DESC = 1L
```

'Folder sort' operation flag. Means sort folders by label alphabetically descending.

```
long EMAIL_NOTIFICATION = 1L
```

[Comment#flags](#): Notify author of reply to the comment.

```
long CERT_ISSUED_BY = 1099511627776L
```

[Certificate](#): Bit 40: Specifies the [Certificate#authority](#) property.

```
long CERT_SERVER = 2199023255552L
```

[Certificate](#): Bit 41: Specifies the [Certificate#isOnServer](#) property.

```
long CERT_FLAG_VALID_2 = 4398046511104L
```

[Certificate](#): Bit 42: Specifies the [Certificate#valid2](#) property.

```
long CERT_IDENTITY_PREFIX = 17592186044416L
```

[Certificate](#): Bit 44: Specifies the 'prefix' db column of the identity field.

```
long CERT_IDENTITY_N0 = 35184372088832L
```

[Certificate](#): Bit 45: Specifies the 'numeric0' db column of the identity field.

```
long CERT_IDENTITY = 52776558133248L
```

[Certificate](#): CERT_IDENTITY_PREFIX | CERT_IDENTITY_N0 : Specifies the [Certificate#identityId](#) property.

```
long CERT_GEN_CACERT = 70368744177664L
```

[Certificate](#): Bit 46: Specifies the [Certificate#genCACert](#) property.

```
long CERTIFICATE_ALL = 139637976740415L
```

[Certificate](#): ID | LABEL | OWNER_ID | FLAGS | DESCRIPTION | DATE_C | DATE_M
| FILE_ID | DEPLOYED | CERT_ISSUED_BY | CERT_FLAG_VALID_2 |
CERT_IDENTITY | PASSWORD | CERT_SERVER | CERT_GEN_CACERT

```
long IS_JOB_SCAN = 1L
```

[IsJob#flags](#): Scan IS job type.

```
long IS_JOB_IMPORT = 2L
```

[IsJob#flags](#): Import IS job type.

```
long IS_JOB_EMAIL = 4L
```

[IsJob#flags](#): Email IS job type.

```
long IS_JOB_LAD_RAD = 256L
```

[IsJob#flags](#): IS Job with lad rad model.

```
long IS_JOB_SIGN = 512L
```

[IsJob#flags](#): IS Job with sign.

```
long IS_JOB_SIGN_MANDATORY = 1024L
```

[IsJob#flags](#): IS Job with mandatory sign.

```
long SIMPLE_DEBUG = 8388608L
```

[Process#flags](#): process is running is simple debug mode. This means that all tasks come back to the user that started the process.

[ProcessDefinition#flags](#): instances will be run in simple debug mode.

```
long ENABLE_DOCUMENT_ACCESS = 16777216L
```

[Process#flags](#): process allows external access from other instances to its documents. This means that documents are accessible through security profile rather than the restrictive default mode which allows only the manager and the current task executors to access the documents

[ProcessDefinition#flags](#): instances will allow access to documents based on security profile.

```
long HAS_PLUGIN_OPTIONS = 33554432L
```

[Process#flags](#): specifies if a process has custom options that will be used in process review plugin

[ProcessDefinition#flags](#): instances will make use of this flag

```
long NOTIFICATION_DEFINITION_ALL = 270582952073L
```

```
ID | FLAGS | DATE_C | DATE_M | NOTIF_TYPE | NOTIF_EVENT | FORM_ID |  
NOTIF_MAIL_TEMPLATE_ID | NOTIF_RECIPIENT_ID | NOTIF_OBJECT_ID |  
NOTIF_RECURSIVE
```

```
long NOTIFICATION_DEFINITION_FULL = 8516920160393L
```

```
NOTIFICATION_ALL | NOTIF_TIMESTAMP | NOTIF_EXECUTOR_ID |  
NOTIF_EXECUTOR_LABEL | NOTIF_EXECUTOR_REAL_NAME
```

```
long NOTIFICATION_ALL = 52630529257609L
```

```
ID | FLAGS | DATE_C | DATE_M | NOTIF_EVENT | NOTIF_MAIL_TEMPLATE_ID |  
NOTIF_RECIPIENT_ID | NOTIF_OBJECT_ID | NOTIF_OBJECT_LABEL | FORM_ID |  
NOTIF_FORM_LABEL | NOTIF_TIMESTAMP | NOTIF_EXECUTOR_ID |  
NOTIF_EXECUTOR_LABEL | NOTIF_EXECUTOR_REAL_NAME | NOTIF_PROCESSED
```

```
long NOTIFICATION_FULL = 70222715302025L
```

```
NOTIFICATION_ALL | NOTIF_OBJECT_DATA
```

```
long FAVORITE_ALL = 520205L
```

```
ID | DATE_C | DATE_M | FLAGS | OWNER_ID | FAVORITE_OBJECT_ALL |  
FAVORITE_POSITION
```

```
long VC_FLAG_START = 1L
```

[ValidationCycle#flags](#): specifies validationcycle has active start stage .

```
long VC_FLAG_MODIF = 2L
```

[ValidationCycle#flags](#): specifies validationcycle has active modification stage .

```
long VC_FLAG_AVIZ = 4L
```

[ValidationCycle#flags](#): specifies validationcycle has active avization stage .

```
long VC_FLAG_VALID = 8L
```

[ValidationCycle#flags](#): specifies validationcycle has active validation stage .

```
long VC_FLAG_PUBLIC = 16L
```

[ValidationCycle#flags](#): specifies validationcycle has active publication stage .

```
long VC_FLAG_GED = 32L
```

[ValidationCycle#flags](#): specifies validationcycle has active ged (read) stage .

```
long VC_FLAG_BROADCAST = 65536L
```

[ValidationCycle#flags](#): specifies validationcycle broadcast mode

```
long PACKAGE_ALL = 4294979615L
```

ID	LABEL	DESCRIPTION	DATE_C	DATE_M	OWNER_ID	FLAGS

```
long SECURITY_PROFILE_FOR_WORKSPACE = 1L
```

[SecurityProfile#flags](#): SecurityProfile for workspace (workspace securityprofile).

```
long OPINION_SET_BY_SUPERVISOR = 1L
```

This flag indicates that the value of the 'opinion' type attribute has been set by a supervisor.

```
long KEEP_VALUES_ON_RESTART = 8388608L
```

[Task#flags](#): keep values on restart option.

```
long TYPE_LOCALIZED = 1L
```

This flag indicates that the given type is localized.

```
long ENABLE_TRANSLATIONS = 1L
```

This flag indicates that the given object(mail template, document template, composition rules) is localized.

```
long MAIL_TEMPLATE_TYPE_MASK = 14L
```

[MailTemplate#flags](#): 3-bit mask for the mail template type (bits 1 and 2 and 3)

```
long MAIL_TEMPLATE_FOR_PROCESS = 2L
```

[MailTemplate#flags](#): Mail template type 2 (1 << 1), mail template for process

```
long MAIL_TEMPLATE_FOR_VCYCLE = 4L
```

[MailTemplate#flags](#): Mail template type 4 (2 << 1), mail template for validation cycle

```
long MAIL_TEMPLATE_FOR_GENERAL_PURPOSE = 8L
```

[MailTemplate#flags](#): Mail template type 8 (3 << 1), mail template for general purpose

PREFIX

```
class Prefix
```

The Prefix class provides support for object identification; it contains all prefixes used for object IDs.

Field summary :

Modifier and type	Field
String	FILE
String	USER
String	USER_DELEGATION
String	USER_PROFILE
String	GROUP
String	ROLE
String	MANAGER
String	GROUP_USER
String	USER_ROLE
String	GROUP_ROLE
String	MANAGER_USER
String	FORM_DISPLAY_PROFILE
String	DATABASE
String	GROUP_DATABASE
String	USER_DATABASE
String	ROLE_DATABASE
String	STORAGE_AREA
String	DATABASE_STORAGE_RULE
String	GROUP_PORTAL
String	USER_PORTAL
String	ROLE_PORTAL
String	PLANNER
String	PLANNER_DAY
String	RESOURCE
String	SCRIPT
String	SECURITY_PROFILE

String	<u>MAIL_TEMPLATE</u>
String	<u>DOCUMENT_TEMPLATE</u>
String	<u>FOLDER_PROFILE</u>
String	<u>COMPOSITION_RULE</u>
String	<u>SEARCH_TEMPLATE</u>
String	<u>USER_SEARCHTEMPLATE</u>
String	<u>GROUP_SEARCHTEMPLATE</u>
String	<u>ROLE_SEARCHTEMPLATE</u>
String	<u>ASYNC_JOB</u>
String	<u>EXTENDED_PROPERTY</u>
String	<u>OBJECT_EXTENDED_PROPERTY</u>
String	<u>CERTIFICATE</u>
String	<u>TYPE</u>
String	<u>GRID</u>
String	<u>ATTRIBUTE</u>
String	<u>FORM</u>
String	<u>FORM_ATTRIBUTE</u>
String	<u>VIEW</u>
String	<u>VIEW_ELEMENT</u>
String	<u>GROUP_VIEW</u>
String	<u>USER_VIEW</u>
String	<u>ROLE_VIEW</u>
String	<u>PROCESS_DEF</u>
String	<u>SCRIPT2</u>
String	<u>SCRIPT2_VERSION</u>
String	<u>COMPOSITION_RULE_VERSION</u>
String	<u>FORM_VERSION</u>
String	<u>PROCESS_DEF_VERSION</u>
String	<u>IS_JOB_VERSION</u>
String	<u>MODEL_OCR_VERSION</u>
String	<u>VIEW_VERSION</u>
String	<u>VIEW_ELEMENT_VERSION</u>
String	<u>IS_JOB</u>
String	<u>MODEL_OCR</u>

String	<u>GROUP_ISJOB</u>
String	<u>ROLE_ISJOB</u>
String	<u>USER_ISJOB</u>
String	<u>CLASS_ELEMENT</u>
String	<u>PROCESS</u>
String	<u>TASK</u>
String	<u>FOLDER</u>
String	<u>FOLDER_VALIDATIONCYCLE</u>
String	<u>FOLDER_MYDOCS</u>
String	<u>FOLDER_WORKSPACE</u>
String	<u>FOLDER_IN_WORKSPACE</u>
String	<u>PIN_DOCF</u>
String	<u>PIN_DOCP</u>
String	<u>PIN_DOCW</u>
String	<u>FILE_DOCF</u>
String	<u>FILE_DOCP</u>
String	<u>FICHE_DOCF</u>
String	<u>FICHE_DOCD</u>
String	<u>FICHE_DOCV</u>
String	<u>FICHE_DOCW</u>
String	<u>FILE_DOCD</u>
String	<u>FILE_DOCV</u>
String	<u>FILE_DOCW</u>
String	<u>FICHE_DOCP</u>
String	<u>REF_DOCF</u>
String	<u>REF_DOCP</u>
String	<u>REF_FICHEF</u>
String	<u>REF_FICHEP</u>
String	<u>FOLDER_NOTE</u>
String	<u>PROCESS_NOTE</u>
String	<u>DOC_NOTE_BASE</u>
String	<u>FICHEF_NOTE</u>
String	<u>DOCP_NOTE</u>
String	<u>FICHEP_NOTE</u>

String	<u>DOCF_VERSION</u>
String	<u>DOCP_VERSION</u>
String	<u>TASK_DEF</u>
String	<u>DELEGATION</u>
String	<u>ARCHIVE_FOLDER</u>
String	<u>ARCHIVE_PIN</u>
String	<u>ARCHIVE_FILE</u>
String	<u>INTERVENTION_REPORT</u>
String	<u>SERVER_REPORT</u>
String	<u>FOLDER_COMMENT</u>
String	<u>FOLDER_COMMENT_ARCH</u>
String	<u>DOCF_COMMENT</u>
String	<u>DOCF_COMMENT_ARCH</u>
String	<u>PROCESS_COMMENT</u>
String	<u>DOCP_COMMENT</u>
String	<u>VALIDCYCLE_TEMPLATE</u>
String	<u>VALIDCYCLE</u>
String	<u>VALIDCYCLE_STAGE_TEMPLATE</u>
String	<u>VALIDCYCLE_STAGE</u>
String	<u>VALIDCYCLE_STAGE_DATA_TEMPLATE</u>
String	<u>VALIDCYCLE_STAGE_DATA</u>
String	<u>VALIDCYCLE_STAGE_TEMPLATE_NOTIFICATION</u>
String	<u>VALIDCYCLE_STAGE_NOTIFICATION</u>
String	<u>EXPIRABLE_DOWNLOAD_LINK</u>
String	<u>NOTIFICATION_DEFINITION</u>
String	<u>NOTIFICATION</u>
String	<u>FAVORITE</u>
String	<u>OBJECT_LINK</u>
String	<u>PACKAGE</u>
String	<u>JUKE</u>

Field detail :

```
String FILE = "FILE"
```

File id prefix.

Id structure is

```
FILEDDDDXXXXXXXXXXXXXXXXAAAAAABBBBBBBBCCCCCCCC
```

where

- DDDD is the hexadecimal representation of the database numeric id,
- XXXXXXXX is the hexadecimal representation of the storage area numeric id,
- AAAAAAAA the most significant id-generator counter hexadecimal value,
- BBBBBBBB the mid significant id-generator counter hexadecimal value,
- CCCCCCCC the least significant id-generator counter hexadecimal value.

```
String USER = "USER"
```

User object prefix.

Id structure is

```
USER0000XXXXXXXX0000000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user numeric id.

```
String USER_DELEGATION = "DLGT"
```

User object prefix.

Id structure is

```
DLGT0000XXXXXXXX0000000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user delegation numeric id.

```
String USER_PROFILE = "USPR"
```

User profile object prefix.

Id structure is

```
USPR0000XXXXXXXX0000000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user profile numeric id.

```
String GROUP = "GROU"
```

Group object prefix.

Id structure is

```
GROU0000XXXXXXXX0000000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the group numeric id.

```
String ROLE = "ROLE"
```

Role object prefix.

Id structure is

```
USER0000XXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the role numeric id.

```
String MANAGER = "MGRR"
```

Manager object prefix.

Id structure is

```
MGRR0000XXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the manager role numeric id.

```
String GROUP_USER = "ASGU"
```

User-to-group assignment object prefix.

Id structure is

```
ASGU0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the group numeric id and YYYYYYYY is the hexadecimal representation of the user numeric id.

```
String USER_ROLE = "ASUR"
```

Role-to-user assignment object prefix.

Id structure is

```
ASUR0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user numeric id and YYYYYYYY is the hexadecimal representation of the role numeric id.

```
String GROUP_ROLE = "ASGR"
```

Role-to-group assignment object prefix.

Id structure is

```
ASRU0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the group numeric id and YYYYYYYY is the hexadecimal representation of the role numeric id.

```
String MANAGER_USER = "ASMU"
```

User-to-manager role assignment object prefix.

Id structure is

```
ASMU0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the manager role numeric id and YYYYYYYY is the hexadecimal representation of the user numeric id.

```
String FORM_DISPLAY_PROFILE = "ASFP"
```

Form-to-display profile assignment object prefix.

Id structure is:

```
ASUDDDDDDXXXXXXXXYYYYYYYY0000000000000000
```

,

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the form id, YYYYYYYY is the hexadecimal representation of the display profile id

```
String DATABASE = "DATA"
```

Database object prefix.

Id structure is

```
DATADDDD00000000000000000000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id.

```
String GROUP_DATABASE = "ASGD"
```

Group-to-database assignment object prefix.

Id structure is

```
ASGDDDDDDXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the group numeric id and DDDD is the hexadecimal representation of the database numeric id.

```
String USER_DATABASE = "ASUD"
```

User-to-database assignment object prefix.

Id structure is

```
ASUDDDDDDXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user numeric id and DDDD is the hexadecimal representation of the database numeric id.

```
String ROLE_DATABASE = "ASRD"
```

Role-to-database assignment object prefix.

Id structure is

```
ASRDDDDDDXXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the role numeric id and DDDD is the hexadecimal representation of the database numeric id.

```
String STORAGE_AREA = "AREA"
```

Storage area object prefix.

Id structure is

```
AREA0000XXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the storage area numeric id.

```
String DATABASE_STORAGE_RULE = "RULE"
```

Storage rule object prefix.

Id structure is

```
RULE0000XXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the storage rule numeric id.

```
String GROUP_PORTAL = "ASGP"
```

Group-to-portal assignment object prefix.

Id structure is

```
ASUP0000XXXXXXXXXYYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the group numeric id and YYYYYYYY is the hexadecimal representation of the portal numeric id.

```
String USER_PORTAL = "ASUP"
```

User-to-portal assignment object prefix.

Id structure is

```
ASUP0000XXXXXXXXXYYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user numeric id and YYYYYYYY is the hexadecimal representation of the portal numeric id.

```
String ROLE_PORTAL = "ASRP"
```

Role-to-portal assignment object prefix.

Id structure is

```
ASRP0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the role numeric id and YYYYYYYY is the hexadecimal representation of the portal numeric id.

```
String PLANNER = "PLAN"
```

Planner object prefix.

Id structure is

```
PLAN0000XXXXXXXX0000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the planner numeric id.

```
String PLANNER_DAY = "PLND"
```

Planner day object prefix.

Id structure is

```
PLND0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the planner numeric id and YYYYYYYY is the 00YYYYMMDD representation of the day.

```
String RESOURCE = "RSRC"
```

Resource object prefix.

Id structure is

```
RSRC0000XXXXXXXX0000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the resource numeric id.

```
String SCRIPT = "SCPT"
```

Script object prefix.

Id structure is

```
SCPT0000XXXXXXXX0000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the script numeric id.

```
String SECURITY_PROFILE = "SECP"
```

Security profile object prefix.

Id structure is

```
SECPDDDDXXXXXXXX0000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the security profile numeric id and DDDD is the database numeric id.

```
String MAIL_TEMPLATE = "MTPL"
```

Mail template object prefix.

Id structure is

```
MTPLDDDDXXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the mail template numeric id and DDDD is the database numeric id.

```
String DOCUMENT_TEMPLATE = "DTPL"
```

Document template object prefix.

Id structure is

```
DTPLDDDDXXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the document template numeric id and DDDD is the database numeric id.

```
String FOLDER_PROFILE = "FLPR"
```

Folder profile object prefix.

Id structure is

```
FLPRDDDDXXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the folder profile numeric id and DDDD is the database numeric id.

```
String COMPOSITION_RULE = "CPRU"
```

Composition rule object prefix.

Id structure is

```
CPRUDDDDXXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the composition rule numeric id and DDDD is the database numeric id.

```
String SEARCH_TEMPLATE = "SRCH"
```

Search template object prefix.

Id structure is

```
SRCHDDDDXXXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the search template numeric id and DDDD is the database numeric id.

```
String USER_SEARCHTEMPLATE = "ASUT"
```

Searchtemplate-to-user assignment object prefix.

Id structure is

```
ASUT0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user numeric id and YYYYYYYY is the hexadecimal representation of the Searchtemplate numeric id.

```
String GROUP_SEARCHTEMPLATE = "ASGT"
```

Searchtemplate-to-group assignment object prefix.

Id structure is

```
ASGT0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the group numeric id and YYYYYYYY is the hexadecimal representation of the Searchtemplate numeric id.

```
String ROLE_SEARCHTEMPLATE = "ASRT"
```

Searchtemplate-to-role assignment object prefix.

Id structure is

```
ASRT0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of the role numeric id and YYYYYYYY is the hexadecimal representation of the Searchtemplate numeric id.

```
String ASYNC_JOB = "JASY"
```

Asynchronous job object prefix.

Id structure is

```
JASY0000XXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the asynchronous job numeric id.

```
String EXTENDED_PROPERTY = "EXPR"
```

Extended property object prefix.

Id structure is

```
EXPR0000XXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the extended property id.

```
String OBJECT_EXTENDED_PROPERTY = "ASOP"
```

Object to extended property assignment prefix.

Id structure is

```
ASOP0000XXXXXXXXYYYYYYYY0000000000000000
```

where XXXXXXXX is the hexadecimal representation of extended property id and YYYYYYYY is the hexadecimal representation of the object numeric id.

```
String CERTIFICATE = "CERT"
```

'Certificate' object prefix.

Id structure is

```
CERT0000 XXXXXXXX 00000000 00000000 00000000
```

where XXXXXXXX is the hexadecimal representation of certificate id

```
String TYPE = "DFTY"
```

Type (list) object prefix.

Id structure is

```
DFTYDDDDXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the type numeric id.

```
String GRID = "GRID"
```

Grid object prefix.

Id structure is

```
GRIDDDDDXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the type numeric id.

```
String ATTRIBUTE = "DFAT"
```

Attribute object prefix.

Id structure is

```
DFATDDDDXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the

attribute numeric id.

```
String FORM = "DFFR"
```

Form object prefix.

Id structure is

```
DFFRDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the form numeric id.

```
String FORM_ATTRIBUTE = "ASFA"
```

Attribute-to-form assignment object prefix.

Id structure is

```
ASGVDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the form numeric id and YYYYYYYY is the hexadecimal representation of the attribute numeric id.

```
String VIEW = "DFVW"
```

View object prefix.

Id structure is

```
DFVWDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the view numeric id.

```
String VIEW_ELEMENT = "DFVE"
```

View element object prefix.

Id structure is

```
DFVEDDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the view numeric id and YYYYYYYY is the hexadecimal representation of the view element numeric id

```
String GROUP_VIEW = "ASGV"
```

Group-to-view assignment object prefix.

Id structure is

```
ASGVDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the group numeric id and YYYYYYYY is the hexadecimal representation of the view numeric id.

```
String USER_VIEW = "ASUV"
```

User-to-view assignment object prefix.

Id structure is

```
ASUVDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the user numeric id and YYYYYYYY is the hexadecimal representation of the view numeric id.

```
String ROLE_VIEW = "ASRV"
```

Role-to-view assignment object prefix.

Id structure is

```
ASRVDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the role numeric id and YYYYYYYY is the hexadecimal representation of the view numeric id.

```
String PROCESS_DEF = "DFPR"
```

Process definition object prefix.

Id structure is

```
DFPRDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the process definition numeric id.

```
String SCRIPT2 = "SCPD"
```

Design script object prefix.

Id structure is

```
SCPDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the script numeric id.

```
String SCRIPT2_VERSION = "VDSC"
```

version of Design script object prefix.

Id structure is

```
VDSCDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the script numeric id. YYYYYYYY is the hexadecimal representation of the script version numeric id.

```
String COMPOSITION_RULE_VERSION = "VDCR"
```

version of Design composition rule object prefix.

Id structure is

```
VDCRDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the composition rule numeric id. YYYYYYYY is the hexadecimal representation of the composition rule version numeric id.

```
String FORM_VERSION = "VDFR"
```

version of Design form object prefix.

Id structure is

```
VDFRDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the form numeric id. YYYYYYYY is the hexadecimal representation of the form version numeric id.

```
String PROCESS_DEF_VERSION = "VDPR"
```

version of Design process definition object prefix.

Id structure is

```
VDPRDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the process definition numeric id. YYYYYYYY is the hexadecimal representation of the process definition version numeric id.

```
String IS_JOB_VERSION = "VDIS"
```

version of Design isjob object prefix.

Id structure is

```
VDISDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the

hexadecimal representation of the isjob numeric id. YYYYYYYY is the hexadecimal representation of the isjob version numeric id.

```
String MODEL_OCR_VERSION = "VDMO"
```

version of Design modelocr object prefix.

Id structure is

```
VDMODDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the modelocr numeric id. YYYYYYYY is the hexadecimal representation of the modelocr version numeric id.

```
String VIEW_VERSION = "VDVW"
```

Version of View object prefix.

Id structure is

```
VDVWDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the database numeric id , XXXXXXXX is the hexadecimal representation of the view numeric id. YYYYYYYY is the hexadecimal representation of the view version numeric id.

```
String VIEW_ELEMENT_VERSION = "VDVE"
```

Version of View element object prefix.

Id structure is

```
VDVEDDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the view version numeric id, YYYYYYYY is the hexadecimal representation of the view version element numeric id

```
String IS_JOB = "ISJB"
```

IntelliScan job object prefix.

Id structure is

```
ISJBDDDDXXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the job numeric id.

```
String MODEL_OCR = "MOCR"
```

ModelOCR object prefix.

Id structure is

```
MOCRDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id and XXXXXXXX is the hexadecimal representation of the model ocr numeric id.

```
String GROUP_ISJOB = "ASGI"
```

Group-to-IsJob assignment object prefix.

Id structure is

```
ASGIDDDDDXXXXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the group numeric id and YYYYYYYY is the hexadecimal representation of the IsJob numeric id.

```
String ROLE_ISJOB = "ASRI"
```

Role-to-view assignment object prefix.

Id structure is

```
ASRIDDDDDXXXXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the role numeric id and YYYYYYYY is the hexadecimal representation of the IsJob numeric id.

```
String USER_ISJOB = "ASUI"
```

User-to-IsJob assignment object prefix.

Id structure is

```
ASUIDDDDDXXXXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the hexadecimal representation of the database numeric id, XXXXXXXX is the hexadecimal representation of the user numeric id and YYYYYYYY is the hexadecimal representation of the IsJob numeric id.

```
String CLASS_ELEMENT = "CELM"
```

Classification element object prefix.

Id structure is

```
CELMDDDDXXXXXXXXXXXXYYYYYYYYYZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the view numeric id, YYYYYYYY is the hexadecimal representation of the view element numeric id, ZZZZZZZZ

is the hexadecimal representation of the class element numeric id.

```
String PROCESS = "PROC"
```

Process object prefix.

Id structure is

```
PROCDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the process numeric id.

```
String TASK = "TASK"
```

Task object prefix.

Id structure is

```
TASKDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the process numeric id. YYYYYYYY is the hexadecimal representation of the task numeric id.

```
String FOLDER = "FLDR"
```

Folder object prefix.

Id structure is

```
FLDRDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id. Numeric '0' means database root folder.

```
String FOLDER_VALIDATIONCYCLE = "FLVC"
```

Validation Cycle (Virtual) Folder prefix.

Id structure is

```
FLVCDDDDXXXXXXXXXYYYYYYYZZZZZZZZWWWWWWW
```

where

DDDD is the database numeric id,

XXXXXXXXXX is the hexadecimal representation of the folder .

YYYYYYY is the hexadecimal representation of the document stage,

ZZZZZZZZ is the hexadecimal representation of the document stage status (normal , delayed, expired - see Constants),

WWWWWWWW is the hexadecimal representation of the actor (i as executor, i as manager ,i as owner of validation cycle - see Constants).

```
String FOLDER_MYDOCS = "FLMY"
```

My documents (Virtual) Folder prefix.

Id structure is

```
FLMYDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id. Numeric '0' means 'my documents' folder.

```
String FOLDER_WORKSPACE = "FLWS"
```

Workspace (the Root) Folder prefix.

Id structure is

```
FLWSDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id. Numeric '0' means 'workspace' folder.

```
String FOLDER_IN_WORKSPACE = "FLWR"
```

Workspace (not Root) Folder prefix.

Id structure is

```
FLWRDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id. Numeric '0' means 'workspace' folder.

```
String PIN_DOCF = "PINF"
```

Pin contained in folder object prefix.

Id structure is

```
PINFDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id.

```
String PIN_DOCP = "PINP"
```

Pin contained in process object prefix.

Id structure is

```
PINPDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id.

```
String PIN_DOCW = "PINW"
```

Pin contained in a workspace

Id structure is

```
PINWDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id.

```
String FILE_DOCF = "DOCF"
```

File document contained in folder object prefix.

Id structure is

```
DOCFDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FILE_DOCP = "DOCP"
```

File document contained in process object prefix.

Id structure is

```
DOCPDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FICHE_DOCF = "FCHF"
```

File-less document (index fiche) contained in folder object prefix.

Id structure is

```
FCHFDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FICHE_DOCD = "FCHD"
```

File-less document (index fiche) contained in distribution list (modified copy of original) /.

Id structure is

```
FCHDDDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FICHE_DOCV = "FCHV"
```

File-less document (index fiche) contained in Validation Cycle /.

Id structure is

```
FCHVDDDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FICHE_DOCW = "FCHW"
```

File-less document (index fiche) document contained in a workspace /.

Id structure is

```
FCHWDDDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FILE_DOCD = "DOCD"
```

File document contained in distribution list /.

Id structure is

```
DOCDDDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FILE_DOCV = "DOCV"
```

File document contained in validation cycle /.

Id structure is

```
DOCVDDDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FILE_DOCW = "DOCW"
```

File document contained in a workspace /.

Id structure is

```
DOCWDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String FICHE_DOCP = "FCHP"
```

File document contained in workspace /.

Id structure is

```
DOCVDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String REF_DOCF = "RFDF"
```

Folder contained reference to a file document object prefix.

Id structure is

```
RFDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the reference document numeric id.

```
String REF_DOCP = "RFDP"
```

Process contained reference to a file document object prefix.

Id structure is

```
RFDPDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the reference document

numeric id.

```
String REF_FICHEF = "RFFF"
```

Folder contained reference to a file-less (index fiche) document object prefix.

Id structure is

```
RFFFDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the reference document numeric id.

```
String REF_FICHEP = "RFFP"
```

Process contained reference to a file-less (index fiche) document object prefix.

Id structure is

```
RFFPDDDDXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the reference document numeric id.

```
String FOLDER_NOTE = "NTFL"
```

Folder note object prefix.

Id structure is

```
NTFLDDDDXXXXXXXX0000000000000000YYYYYYY
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the note numeric id.

```
String PROCESS_NOTE = "NTPR"
```

Process note object prefix.

Id structure is

```
NTPRDDDDXXXXXXXX0000000000000000YYYYYYY
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the note numeric id.

```
String DOC_NOTE_BASE = "NTD"
```

Folder contained document note object prefix.

Id structure is

```
NTDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZWWWWWWWW
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, WWWWWWWW is the hexadecimal representation of the note numeric id.

```
String FICHEF_NOTE = "NTFF"
```

Folder contained card (fiche) note object prefix.

Id structure is

```
NTDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZWWWWWWWW
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means card (fiche) is not in pin), ZZZZZZZZ is the hexadecimal representation of the card numeric id, WWWWWWWW is the hexadecimal representation of the note numeric id.

```
String DOCP_NOTE = "NTDP"
```

Process contained document note object prefix.

Id structure is

```
NTDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZWWWWWWWW
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, WWWWWWWW is the hexadecimal representation of the note numeric id.

```
String FICHEP_NOTE = "NTFP"
```

Process contained document note object prefix.

Id structure is

```
NTDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZWWWWWWWW
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means card (fiche) is not in pin), ZZZZZZZZ is the hexadecimal representation of the card (fiche) numeric id, WWWWWWWW is the hexadecimal representation of the note numeric id.

```
String DOCF_VERSION = "VNDF"
```

Folder contained document version object prefix.

Id structure is

```
VNDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZWWWWWWW
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, WWWWWWWW is the hexadecimal representation of the version numeric id.

```
String DOCP_VERSION = "VNDF"
```

Process contained document version object prefix.

Id structure is

```
VNDFDDDDXXXXXXXXXXXXXXXXZZZZZZZZWWWWWWW
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, WWWWWWWW is the hexadecimal representation of the version numeric id.

```
String TASK_DEF = "TKDF"
```

Task definition object prefix.

Id structure is

```
TKDFDDDDXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the process definition numeric id and YYYYYYYY is the hexadecimal representation of the task definition numeric id.

```
String DELEGATION = "DLGN"
```

User object prefix.

Id structure is

```
USER0000XXXXXXXX000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the user numeric id.

```
String ARCHIVE_FOLDER = "ARFL"
```

Archive folder object prefix.

Id structure is

```
ARFLDDDDXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder

numeric id. Numeric '0' means database root folder.

```
String ARCHIVE_PIN = "APIN"
```

Pin contained in folder object prefix.

Id structure is

```
APINDDDDDXXXXXXXXXXXXXXXXXXXX0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id.

```
String ARCHIVE_FILE = "ADOC"
```

File document contained in folder object prefix.

Id structure is

```
ADOCDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZ00000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id.

```
String INTERVENTION_REPORT = "INRE"
```

Intervention report.

Id structure is

```
INRE0000XXXXXXXX00000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the intervention report numeric id.

```
String SERVER_REPORT = "SVRE"
```

Server report.

Id structure is

```
SVRE0000XXXXXXXX00000000000000000000000000
```

where XXXXXXXX is the hexadecimal representation of the server report numeric id.

```
String FOLDER_COMMENT = "CMTF"
```

A folder comment.

```
CMTFDDDDXXXXXXXX0000000000000000CCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the folder numeric id, CCCCCCCC is the hexadecimal representation of the comment numeric id.

```
String FOLDER_COMMENT_ARCH = "ACMF"
```

An archived folder's comment.

```
ACMFDDDDXXXXXXXXX0000000000000000CCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id, CCCCCCCC is the hexadecimal representation of the comment numeric id.

```
String DOCF_COMMENT = "CMDF"
```

A document-in-a-folder's comment.

```
CMDFDDDDXXXXXXXXXYYYYYYYZZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, CCCCCCCC is the hexadecimal representation of the comment numeric id.

```
String DOCF_COMMENT_ARCH = "ACDF"
```

An archived document-in-a-folder's comment.

```
ACDFDDDDXXXXXXXXXYYYYYYYZZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the folder numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, CCCCCCCC is the hexadecimal representation of the comment numeric id.

```
String PROCESS_COMMENT = "CMTF"
```

A processes comment.

```
CMTFDDDDXXXXXXXXX0000000000000000CCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the process numeric id, CCCCCCCC is the hexadecimal representation of the comment numeric id.

```
String DOCP_COMMENT = "CMDP"
```

A document-in-a-process's comment.

```
CMDPDDDDXXXXXXXXXYYYYYYYZZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the process numeric id, YYYYYYYY is the hexadecimal representation of the pin numeric id, (numeric 0 means document is not in pin), ZZZZZZZZ is the hexadecimal representation of the document numeric id, CCCCCCCC is the hexadecimal representation of the comment numeric id.

```
String VALIDCYCLE_TEMPLATE = "VCCT"
```

validation cycle template .

Id structure is

```
VCCTDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle template id.

```
String VALIDCYCLE = "VCCR"
```

validation cycle (runtime).

Id structure is

```
VCCRDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle id.

```
String VALIDCYCLE_STAGE_TEMPLATE = "VCST"
```

validation cycle template stage .

Id structure is

```
VCSTDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle template id, YYYYYYYY is the hexadecimal representation of the validation cycle template stage id.

```
String VALIDCYCLE_STAGE = "VCSR"
```

validation cycle stage .

Id structure is

```
VCSRDDDDXXXXXXXXXYYYYYYYYY0000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle id, YYYYYYYY is the hexadecimal representation of the validation cycle stage id

```
String VALIDCYCLE_STAGE_DATA_TEMPLATE = "VCDT"
```

validation cycle template stage data.

Id structure is

```
VCDTDDDDXXXXXXXXXYYYYYYYYYZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation

cycle template id, YYYYYYYY is the hexadecimal representation of the validation cycle template stage id, ZZZZZZZZ is the hexadecimal representation of the actor id, CCCCCCCC is the hexadecimal representation of the actor type.

```
String VALIDCYCLE_STAGE_DATA = "VCDR"
```

validation cycle stage data.

Id structure is

```
VCDRDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle template id, YYYYYYYY is the hexadecimal representation of the validation cycle template stage id, ZZZZZZZZ is the hexadecimal representation of the actor id, CCCCCCCC is the hexadecimal representation of the actor type.

```
String VALIDCYCLE_STAGE_TEMPLATE_NOTIFICATION = "VCNT"
```

validation cycle template stage notification.

Id structure is

```
VCNTDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle template id, YYYYYYYY is the hexadecimal representation of the validation cycle template stage id, ZZZZZZZZ is the hexadecimal representation of the event, CCCCCCCC is the hexadecimal representation of the destination type .

```
String VALIDCYCLE_STAGE_NOTIFICATION = "VCNR"
```

validation cycle stage notification.

Id structure is

```
VCNRDDDDXXXXXXXXXXXXXXXXXXXXZZZZZZZZCCCCCCCC
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the validation cycle id, YYYYYYYY is the hexadecimal representation of the validation cycle stage id, ZZZZZZZZ is the hexadecimal representation of the event, CCCCCCCC is the hexadecimal representation of the destination type .

```
String EXPIRABLE_DOWNLOAD_LINK = "EXDL"
```

Expirable download link.

Id structure is

```
EXDLDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the expirable

download link id.

```
String NOTIFICATION_DEFINITION = "NODF"
```

Notification definition

Id structure is

```
NODFDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the notification definition id.

```
String NOTIFICATION = "NOTF"
```

Notification event

Id structure is

```
NOTFDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the notification event id.

```
String FAVORITE = "FAVO"
```

Favorite

Id structure is

```
FAVODDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the notification id.

```
String OBJECT_LINK = "OLNK"
```

Object link

Id structure is

```
OLNKDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the link id.

```
String PACKAGE = "PCKG"
```

Package link

Id structure is

```
PCKGDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXXX is the hexadecimal representation of the package

id.

```
String JUKE = "JUKE"
```

Juke link

Id structure is

```
JUKEDDDDDXXXXXXXXX000000000000000000000000
```

where DDDD is the database numeric id, XXXXXXXX is the hexadecimal representation of the jukeid id.

TAG

```
public class Tag
```

Object tags.

Bits 0-63 match to different object tags

Author :

stefanu

Field summary :

Modifier and type	Field
long	TAG_TEXT_1
long	TAG_TEXT_2
long	TAG_TEXT_3
long	TAG_TEXT_4
long	TAG_TEXT_5
long	TAG_BACKGROUND_1
long	TAG_BACKGROUND_2
long	TAG_BACKGROUND_3
long	TAG_BACKGROUND_4
long	TAG_BACKGROUND_5

Field detail :

long TAG_TEXT_1 = 1L

Bit 1. Tag #1.

long TAG_TEXT_2 = 2L

Bit 2. Tag #2.

long TAG_TEXT_3 = 4L

Bit 3. Tag #3.

long TAG_TEXT_4 = 8L

Bit 4. Tag #1.

long TAG_TEXT_5 = 16L

Bit 5. Tag #2.

```
long TAG_BACKGROUND_1 = 4294967296L
```

Bit 32. Tag #1.

```
long TAG_BACKGROUND_2 = 8589934592L
```

Bit 33. Tag #2.

```
long TAG_BACKGROUND_3 = 17179869184L
```

Bit 34. Tag #1.

```
long TAG_BACKGROUND_4 = 34359738368L
```

Bit 35. Tag #2.

```
long TAG_BACKGROUND_5 = 68719476736L
```

Bit 36. Tag #2.

OPERATOR

```
public class Operator
```

Operators for various contexts.

Comparison operators :

Operator	Value	Value
IN	0	is null
NN	1	is not null
EQ	2	equal
NE	3	not equal
LT	4	less than
LE	5	less or equal than
GE	6	greater or equal than
GT	7	greater than
SW	8	starts with
EW	9	ends with
CT	10	contains
NC	11	does not contain

Logical operators :

Operator	Value	
NOT	1	logical not
AND	2	logical and
OR	3	logical or

COMMAND REFERENCE

AUTH SERVICE

USER

/AUTH/AUTHENTICATE/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/AUTH/CHANGE_PASS/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/AUTH/IMPERSONATE/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/AUTH/LOGIN/USER

Open a session to the Gargantua server.

Input:

JSON:

user

`string`; the login user name.

pass

`string`; the password to authenticate with.

Output `dtoOut` object:

conn

`string`; the connection token; always 24 characters in length.

/AUTH/LOGOUT/USER

Close the Gargantua server session.

Input:

The `conn` header required set to the corresponding value returned by the `/auth/login/user` call.

No JSON input.

Output `dtoOut` object:

Empty.

CONNECTION_DATA

/AUTH/GET/CONNECTION_DATA



Documentation not available in this release. Please contact SIATEL SA for support.

PAIRED_SERVER_RECV

/AUTH/LOGIN/PAIRED_SERVER_RECV



Documentation not available in this release. Please contact SIATEL SA for support.

/AUTH/LOGOUT/PAIRED_SERVER_RECV



Documentation not available in this release. Please contact SIATEL SA for support.

PAIRED_SERVER_SEND

/AUTH/LOGIN/PAIRED_SERVER_SEND



Documentation not available in this release. Please contact SIATEL SA for support.

/AUTH/LOGOUT/PAIRED_SERVER_SEND



Documentation not available in this release. Please contact SIATEL SA for support.

SIGNATURE

/AUTH/ADD/SIGNATURE

Remove a signature image for the connected user.

[illegible]

```
Response body:
{
    "result" : "ok"
}
```

/AUTH/ENUMERATE/SIGNATURE

List the signatures for the connected user.

```
Request headers:
conn : <the connection token received upon login>
Request body:
{
}
```

```
Response body:
{
  "result" : "ok",
  "dtoOut" : {
    "list" : ["FILE00007FFFFFFFFF0000000100000001000008D4.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008D5.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008D6.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008D7.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008D8.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008D9.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008DA.jpgcr",
      "FILE00007FFFFFFFFF0000000100000001000008DB.jpgcr",
      "FILE0000000000000000000100000001000008F9.pngcr",
      "FILE0000000000000000000100000001000008FA.pngcr",
      "FILE000000000000000000010000000100000917.pngcr"]
  }
}
```

ADMIN SERVICE

ACTOR_DATABASE

/ADMIN/UPDATE/ACTOR_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

AGGREGATED_FILE

/ADMIN/ENUMERATE/AGGREGATED_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

ASSIGNMENTS

GROUP_USER

/ADMIN/CREATE/GROUP_USER

Create an assignment relationship of a user to a group.

DTO structure on input

Key	Type	Significance
object	{Assignment}	the relationship object. See {Prefix#GROUP_USER} to understand how to set the id of this object. The id of this object must be set on input

DTO structure on output

Key	Type	Significance
object	{Assignment}	the same object as on input

Errors

- {InvalidInputBusinessException} - invalid id (null or empty)
- {AlreadyExistsPersistenceException} - the relationship already exists
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- the id of this object must be set on input
- this operation is internally audited

Request and response examples:

Request body:

```
{
```

```
"object" : {  
  "prefix" : "ASGD",  
  "id" : "ASGU000000000000A6000000D40000000000000000",  
  "data" : null  
}  
}
```

Response body:

```
{  
  "result" : "ok",  
  "dtoOut" : {  
    "objectId" : "ASGU000000000000A6000000D40000000000000000",  
    "dateC" : 1492771823695  
  }  
}
```

/ADMIN/DELETE/GROUP_USER

Delete an assignment relationship of a user to a group.

DTO structure on input

Key	Type	Significance
objectId	String	the id of the relationship object. See Prefix#GROUP_USER to understand how to set the id of this object

Errors

- [InvalidInputBusinessException](#) - invalid id (null or empty)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

/ADMIN/ENUMERATE/GROUP_USER

Enumerate/list the assignments between users and groups.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the assignments
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Assignment>	the list of assignments

Errors

- [InvalidInputBusinessException](#) - invalid criteriaIds (see Notes for supported criteria combinations)

- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[] - empty	all group-user assignments are listed
[<groupId>]	user assignments to the specified group
[<userId>]	group assignments of the specified user
[<assigId>]	the specified assignment if it exists. can be used to verify if an assignment relationship exists

GROUP_ROLE

/ADMIN/CREATE/GROUP_ROLE

Create an assignment relationship of a role to a group.

DTO structure on input

Key	Type	Significance
object	{Assignment}	the relationship object. See {Prefix#GROUP_ROLE} to understand how to set the id of this object. The id of this object must be set on input

DTO structure on output

Key	Type	Significance
object	{Assignment}	the same object as on input

Errors

- {InvalidInputBusinessException} - invalid id (null or empty)
- {AlreadyExistsPersistenceException} - the relationship already exists
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- the id of this object must be set on input
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "object" : {
    "prefix" : "ASGD",
    "id" : "ASGR0000000000A6000000D40000000000000000",
    "data" : null
  }
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
```

```
    "objectId" : "ASGR0000000000A6000000D40000000000000000",  
    "dateC" : 1492771823695  
  }  
}
```

/ADMIN/READ/GROUP_ROLE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/GROUP_ROLE

Delete an assignment relationship of a role to a group.

DTO structure on input

Key	Type	Significance
objectId	String	the id of the relationship object. See Prefix#GROUP_ROLE to understand how to set the id of this object

Errors

- [InvalidInputBusinessException](#) - invalid id (null or empty)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

/ADMIN/ENUMERATE/GROUP_ROLE

Enumerate/list the assignments between groups and roles.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the assignments
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Assignment>	the list of assignments

Errors

- [InvalidInputBusinessException](#) - invalid criteriaIds (see Notes for supported criteria combinations)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[] - empty	all group-roleassignments are listed
[<roleId>]	group assignments of the specified role
[<groupId>]	role assignments to the specified group
[<assigId>]	the specified assignment if it exists. can be used to verify if an assignment relationship exists

GROUP_DATABASE

/ADMIN/CREATE/GROUP_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/GROUP_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/GROUP_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.


```

        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD00D400000001000000000000000000000000",
        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD00D500000001000000000000000000000000",
        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD00D900000001000000000000000000000000",
        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD000200000001000000000000000000000000",
        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD00DA00000001000000000000000000000000",
        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD00DB00000001000000000000000000000000",
        "data" : 0
    }, {
        "prefix" : "ASGD",
        "id" : "ASGD00CE00000002000000000000000000000000",
        "data" : 0
    }
  ]
}

```

GROUP_PORTAL

/ADMIN/CREATE/GROUP_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/GROUP_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/GROUP_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/GROUP_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

USER_ROLE

/ADMIN/CREATE/USER_ROLE

Create an assignment relationship of a role to a user.

DTO structure on input

Key	Type	Significance
object	{Assignment}	the relationship object. See {Prefix#USER_ROLE} to understand how to set the id of this object. The id of this object must be set on input

DTO structure on output

Key	Type	Significance
object	{Assignment}	the same object as on input

Errors

- {InvalidInputBusinessException} - invalid id (null or empty)
- {AlreadyExistsPersistenceException} - the relationship already exists
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- the id of this object must be set on input
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "object" : {
    "prefix" : "ASGD",
    "id" : "ASUR000000000000A6000000D40000000000000000",
    "data" : null
  }
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
```

```
    "objectId" : "ASUR0000000000A6000000D40000000000000000",  
    "dateC" : 1492771823695  
  }  
}
```

/ADMIN/READ/USER_ROLE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/USER_ROLE

Delete an assignment relationship of a role to a user.

DTO structure on input

Key	Type	Significance
objectId	String	the id of the relationship object. See Prefix#USER_ROLE to understand how to set the id of this object

Errors

- [InvalidInputBusinessException](#) - invalid id (null or empty)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

/ADMIN/ENUMERATE/USER_ROLE

Enumerate/list the assignments between users and roles.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the assignments
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Assignment>	the list of assignments

Errors

- [InvalidInputBusinessException](#) - invalid criteriaIds (see Notes for supported criteria combinations)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[] - empty	all user-role assignments are listed
[<roleId>]	user assignments to the specified role
[<userId>]	role assignments of the specified user
[<assigId>]	the specified assignment if it exists. can be used to verify if an assignment relationship exists

USER_DATABASE

/ADMIN/CREATE/USER_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/USER_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/USER_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/USER_DATABASE

Request and response examples:

Request body:

```
{
  "criteriaIds" : ["USER000000000009E00000000000000000000000"]
}
```

Response body:

```
{
  "list" : [{
    "prefix" : "ASUD",
    "id" : "ASUD000200000009E00000000000000000000000",
    "data" : 4294967297
  }, {
    "prefix" : "ASUD",
    "id" : "ASUD00CC00000009E00000000000000000000000",
    "data" : 0
  }, {
    "prefix" : "ASUD",
    "id" : "ASUD00CE00000009E00000000000000000000000",
    "data" : 4294967297
  }, {
    "prefix" : "ASUD",
    "id" : "ASUD00DA00000009E00000000000000000000000",
    "data" : 4294967297
  }, {
    "prefix" : "ASUD",
    "id" : "ASUD00D400000009E00000000000000000000000",
    "data" : 4294967297
  }, {
    "prefix" : "ASUD",
    "id" : "ASUD003E00000009E00000000000000000000000",
    "data" : 4294967297
  }, {
    "prefix" : "ASUD",
    "id" : "ASUD00DB00000009E00000000000000000000000",
    "data" : 0
  }
]}
```

/ADMIN/CHECK/USER_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

USER_PORTAL

/ADMIN/CREATE/USER_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/USER_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/USER_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/USER_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

ROLE_PORTAL

/ADMIN/CREATE/ROLE_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/ROLE_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/ROLE_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/ROLE_PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

ROLE_DATABASE

/ADMIN/CREATE/ROLE_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/ROLE_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/ROLE_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/ROLE_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/GROUP_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/GROUP_USER



Documentation not available in this release. Please contact SIATEL SA for support.

CERTIFICATE

/ADMIN/CREATE/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DEPLOY/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UNDEPLOY/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

DATABASE

/ADMIN/CREATE/DATABASE

Create a database.

DTO structure on input

Key	Type	Significance
object	Database	The database object to create.

DTO structure on output

Key	Type	Significance
object	Database	The same object supplied on input but with <code>id</code> , <code>dateC</code> and other initialization-time relevant fields set.

Validations to perform

- value of `label` field of input object is not-null and unique in value throughout the domain of the server. Failure will result in a `InvalidInputBusinessException`

Specific responsibilities

- persist and initialize the administration `Database` object
- create the corresponding production database schema
- create the fulltext database schema, if `flags` field of supplied object has `Flag.HAS_FULLTEXT` bit set
- create the default form for the created database

Request and response examples:

Request body:

```
{
  "object" : {
    "prefix" : "DATA",
    "id" : "DATA00000000000000000000000000000000",
    "label" : "Database name",
    ..... other info required at creation time ....
  }
}
```

Response body:

```
{  
    "result" : "ok",  
    "dtoOut" : {  
        "objectId" : "DATA00010000000000000000000000000000",  
        "dateC" : 1492771823695  
    }  
}
```

/ADMIN/READ/DATABASE

Read a database administration object.

DTO structure on input

Key	Type	Significance
objectId	String	The database object's id.
flags	long	Flags specifying what fields of the database object to initialize.

DTO structure on output

Key	Type	Significance
object	{Database}	The object with the fields specified by flags parameter set.

Validations to perform

- value of either `id` or `label` fields of input `object` are not-null. Failure will result in a `InvalidInputBusinessException`
- `object` specified by `id` or `label` exists in the database. Failure will result in a `NotFoundPersistenceException`

Specific responsibilities

- invoke persistence to initialize the `object`

Request and response examples:

Request body:

```
{
  "flags" :18154036486221855,
  "objectId" : "DATA00D4000000000000000000000000000000000000000000000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "DATA",
      "id" : "DATA00D400000000000000000000000000000000000000000000000",

```

```

        "label" : "database1",
        "ownerId" : "USER0000000000001000000000000000000000000000",
        "flags" : 19343687614,
        "dateC" : 1395070616960,
        "dateM" : 1493043124474,
        "description" : "test database1",
        "administratorId" : null,
        "descriptionUrl" : null,
        "anonymousCommands" : -1,
        "restrictedCommands" : -1,
        "fullCommands" : -1,
        "connUrl" : "jdbc:postgresql://localhost:5433/siatel710",
        "cronExpression" : null,
        "data" : "[authIPFilters,+0.0.0.0/0 +\\:\\\\:/0][anonIPFilters,+0.0.0.0/0
+\\:\\\\:/0][extensionsFileId,FILE00D47FFFFFFF000000010000000100037197.txt]"
    }
}

```

Request body:

```

{
    "flags" : 18154036486221855,
    "objectLabel" : "database1",
    "objectId" : "DATA0000000000000000000000000000000000000000"
}

```

Response body:

```

{
    "result" : "ok",
    "dtoOut" : {
        "object" : {
            "prefix" : "DATA",
            "id" : "DATA00D40000000000000000000000000000000000000000",
            "label" : "database1",
            "ownerId" : "USER0000000000001000000000000000000000000000",
            "flags" : 19343687614,
            "dateC" : 1395070616960,
            "dateM" : 1493043124474,
            "description" : "test database1",
            "administratorId" : null,
            "descriptionUrl" : null,
            "anonymousCommands" : -1,
            "restrictedCommands" : -1,
            "fullCommands" : -1,
            "connUrl" : "jdbc:postgresql://localhost:5433/siatel710",
            "cronExpression" : null,

```

```

        "data" : "[authIPFilters,+0.0.0.0/0 +\\:\\\\:/0][anonIPFilters,+0.0.0.0/0
+\\:\\\\:/0][extensionsFileId,FILE00D47FFFFFFF000000010000000100037197.txt]"
    }
}

```

Request body:

```

{
  "flags" :18154036486221855,
  "object" : {
    "prefix" : "DATA",
    "id" : "DATA00D4000000000000000000000000000000000000000000000000000"
  }
}

```

Response body:

```

{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "DATA",
      "id" : "DATA00D4000000000000000000000000000000000000000000000000000",
      "label" : "database1",
      "ownerId" : "USER0000000000001000000000000000000000000000000000000000000",
      "flags" : 19343687614,
      "dateC" : 1395070616960,
      "dateM" : 1493043124474,
      "description" : "test database1",
      "administratorId" : null,
      "descriptionUrl" : null,
      "anonymousCommands" : -1,
      "restrictedCommands" : -1,
      "fullCommands" : -1,
      "connUrl" : "jdbc:postgresql://localhost:5433/siatel710",
      "cronExpression" : null,
      "data" : "[authIPFilters,+0.0.0.0/0 +\\:\\\\:/0][anonIPFilters,+0.0.0.0/0
+\\:\\\\:/0][extensionsFileId,FILE00D47FFFFFFF000000010000000100037197.txt]"
    }
  }
}

```

Request body:

```

{
  "flags" :35184372088835,
  "object" : {
    "prefix" : "DATA",

```

```
      "id" : "DATA00D4000000000000000000000000000000000000000000000000000000000000"
    }
  }
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "DATA",
      "id" : "DATA00D4000000000000000000000000000000000000000000000000000000000000",
      "label" : "database1",
      "connUrl" : "jdbc:postgresql://localhost:5433/siatel710"
    }
  }
}
```

/ADMIN/DELETE/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/DATABASE

Enumerate/list databases.

DTO structure on input

Key	Type	Significance
flags	long	the fields of the {Database} object to initialize with server data. A combination of {Flag} defined constants, relevant for the {Database} class objects (see {Flag#DATABASE_ALL})
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.
byConnection	Boolean	Optional.If specified and set to true then only databases in which the connected user can access content are listed (the ones the user can access when he logs in to the web application). Otherwise, all existing databases are listed

DTO structure on output

Key	Type	Significance
list	List<Database>	the list of databases

Errors

None

Notes

None

Request and response examples:

Request body:

```
{  
  "flags" :4115  
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "DATA",
      "id" : "DATA00D40000000000000000000000000000",
      "label" : "database1",
      "dateC" : 1395070616960,
      "description" : "test database1"
    }, {
      "prefix" : "DATA",
      "id" : "DATA00D50000000000000000000000000000",
      "label" : "database2",
      "dateC" : 1358845929105,
      "description" : "test database2",
    }
  ]
}
```

Request body:

```
{
  "flags" :18154036486221855
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "DATA",
      "id" : "DATA00D40000000000000000000000000000",
      "label" : "database1",
      "ownerId" : "USER00000000000010000000000000000000",
      "flags" : 19343687610,
      "dateC" : 1395070616960,
      "dateM" : 1395070616960,
      "description" : "test database1",
      "administratorId" : null,
      "descriptionUrl" : null,
      "anonymousCommands" : -1,
      "restrictedCommands" : -1,
      "fullCommands" : -1,
      "connUrl" : "jdbc:postgresql://myserver:5432/siatel710",
      "cronExpression" : null,
      "data" : "[authIPFilters,+0.0.0.0/0 +\\:\\:\\:0][anonIPFilters,+0.0.0.0/0
```

```
+\\:\\:\\:0][extensionsFileId,FILE00D47FFFFFFF000000010000000100037197.txt]"
  }, {
    "prefix" : "DATA",
    "id" : "DATA00D500000000000000000000000000000000000000000000000",
    "label" : "database2",
    "ownerId" : "USER000000000000100000000000000000000000000000",
    "flags" : 17189453748,
    "dateC" : 1358845929105,
    "dateM" : 1365658327147,
    "description" : "test database2",
    "administratorId" : null,
    "descriptionUrl" : null,
    "anonymousCommands" : -1,
    "restrictedCommands" : -1,
    "fullCommands" : -1,
    "connUrl" : "jdbc:postgresql://myserver:5433/siatel710",
    "cronExpression" : null,
    "data" : "[authIPFilters,+0.0.0.0/0 +\\:\\:\\:0][anonIPFilters,+0.0.0.0/0
+\\:\\:\\:0][extensionsFileId,FILE00027FFFFFFF00000001000000010003726F.txt]"
  ]
}
}
```

/ADMIN/GET_EXTINFO/DATABASE

Request and response examples:

Request body:

```
{
  "databaseId" : "DATA00D40000000000000000000000000000",
  "includeAssignments" : true
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "mapRoleChildren" : {},
    "mapUsersAssigs" : {
      "USER0000000000A2000000000000000000000000" : {
        "prefix" : "ASUD",
        "id" : "ASUD00D4000000A20000000000000000000000",
        "data" : 4294967297
      },
      "USER0000000000A1000000000000000000000000" : {
        "prefix" : "ASUD",
        "id" : "ASUD00D4000000A10000000000000000000000",
        "data" : 4294967297
      },
      "USER00000000009F000000000000000000000000" : {
        "prefix" : "ASUD",
        "id" : "ASUD00D40000009F0000000000000000000000",
        "data" : 4294967297
      },
      "USER00000000009E000000000000000000000000" : {
        "prefix" : "ASUD",
        "id" : "ASUD00D40000009E0000000000000000000000",
        "data" : 4294967297
      },
      "USER0000000000A0000000000000000000000000" : {
        "prefix" : "ASUD",
        "id" : "ASUD00D4000000A00000000000000000000000",
        "data" : 4294967297
      },
      "USER000000000001000000000000000000000000" : {
        "prefix" : "ASUD",
        "id" : "ASUD00D4000000010000000000000000000000",
        "data" : 4294967297
      }
    }
  }
}
```

```

    }
  },
  "mapUsers" : {
    "USER0000000000A2000000000000000000000000" : {
      "prefix" : "USER",
      "id" : "USER0000000000A2000000000000000000000000",
      "label" : "omanager",
      "ownerId" : null,
      "flags" : 0,
      "dateC" : null,
      "dateM" : null,
      "description" : null,
      "realName" : null,
      "privileges" : 0,
      "externalDirectoryId" : null,
      "dateLogin" : 0,
      "dateLogout" : 0,
      "profileId" : null,
      "workingPlannerId" : null,
      "accessRestrictedByWorkingPlanner" : false,
      "activatedBy" : null,
      "activatedAt" : null,
      "deactivatedBy" : null,
      "deactivatedAt" : null,
      "dateDeleted" : null,
      "deleteBy" : null,
      "email" : null
    },
    "USER0000000000A1000000000000000000000000" : {
      "prefix" : "USER",
      "id" : "USER0000000000A1000000000000000000000000",
      "label" : "oexecutor2",
      "ownerId" : null,
      "flags" : 0,
      "dateC" : null,
      "dateM" : null,
      "description" : null,
      "realName" : null,
      "privileges" : 0,
      "externalDirectoryId" : null,
      "dateLogin" : 0,
      "dateLogout" : 0,
      "profileId" : null,
      "workingPlannerId" : null,
      "accessRestrictedByWorkingPlanner" : false,
      "activatedBy" : null,
      "activatedAt" : null,

```

```

        "deactivatedBy" : null,
        "deactivatedAt" : null,
        "dateDeleted" : null,
        "deleteBy" : null,
        "email" : null
    },
    "USER00000000009F0000000000000000000000000000" : {
        "prefix" : "USER",
        "id" : "USER00000000009F0000000000000000000000000000",
        "label" : "a",
        "ownerId" : null,
        "flags" : 0,
        "dateC" : null,
        "dateM" : null,
        "description" : null,
        "realName" : "a",
        "privileges" : 0,
        "externalDirectoryId" : null,
        "dateLogin" : 0,
        "dateLogout" : 0,
        "profileId" : null,
        "workingPlannerId" : null,
        "accessRestrictedByWorkingPlanner" : false,
        "activatedBy" : null,
        "activatedAt" : null,
        "deactivatedBy" : null,
        "deactivatedAt" : null,
        "dateDeleted" : null,
        "deleteBy" : null,
        "email" : null
    },
    "USER00000000009E0000000000000000000000000000" : {
        "prefix" : "USER",
        "id" : "USER00000000009E0000000000000000000000000000",
        "label" : "e",
        "ownerId" : null,
        "flags" : 0,
        "dateC" : null,
        "dateM" : null,
        "description" : null,
        "realName" : "e",
        "privileges" : 0,
        "externalDirectoryId" : null,
        "dateLogin" : 0,
        "dateLogout" : 0,
        "profileId" : null,
        "workingPlannerId" : null,
    }

```

```

        "accessRestrictedByWorkingPlanner" : false,
        "activatedBy" : null,
        "activatedAt" : null,
        "deactivatedBy" : null,
        "deactivatedAt" : null,
        "dateDeleted" : null,
        "deleteBy" : null,
        "email" : null
    },
    "USER0000000000A00000000000000000000000" : {
        "prefix" : "USER",
        "id" : "USER0000000000A00000000000000000000000",
        "label" : "oexecutor",
        "ownerId" : null,
        "flags" : 0,
        "dateC" : null,
        "dateM" : null,
        "description" : null,
        "realName" : null,
        "privileges" : 0,
        "externalDirectoryId" : null,
        "dateLogin" : 0,
        "dateLogout" : 0,
        "profileId" : null,
        "workingPlannerId" : null,
        "accessRestrictedByWorkingPlanner" : false,
        "activatedBy" : null,
        "activatedAt" : null,
        "deactivatedBy" : null,
        "deactivatedAt" : null,
        "dateDeleted" : null,
        "deleteBy" : null,
        "email" : null
    },
    "USER0000000000010000000000000000000000" : {
        "prefix" : "USER",
        "id" : "USER0000000000010000000000000000000000",
        "label" : "Admin",
        "ownerId" : null,
        "flags" : 0,
        "dateC" : null,
        "dateM" : null,
        "description" : null,
        "realName" : "Admin",
        "privileges" : 0,
        "externalDirectoryId" : null,
        "dateLogin" : 0,

```



```
        "externalDirectoryId" : null
    },
    "mapRoleParents" : {},
    "mapGroups" : {
        "GROU00000000000010000000000000000000000000" : {
            "prefix" : "GROU",
            "id" : "GROU00000000000010000000000000000000000000",
            "label" : "DBA",
            "ownerId" : null,
            "flags" : 0,
            "dateC" : null,
            "dateM" : null,
            "description" : null,
            "privileges" : 0,
            "externalDirectoryId" : null
        }
    }
}
```

/ADMIN/COUNT/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CREATE/FULLTEXT_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/FULLTEXT_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/LCN_DATABASEINDEX



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/GET_INDIRECTASSIGNS/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/PING/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

EXTERNAL_EMAIL_USER

/ADMIN/CREATE/EXTERNAL_EMAIL_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ANALYZE/EXTERNAL_EMAIL_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/EXTERNAL_EMAIL_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/NOTIFY/EXTERNAL_EMAIL_USER



Documentation not available in this release. Please contact SIATEL SA for support.

EXTENDED_PROPERTY

/ADMIN/CREATE/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/EXTENDED_PROPERTY/UNUSED



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DUPLICATE/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/TOUCH/EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

GROUP

/ADMIN/CREATE/GROUP

Create a group.

DTO structure on input

Key	Type	Significance
object	{Group}	the data of the group to create. Must have the <code>label</code> property set.

DTO structure on output

Key	Type	Significance
object	{Group}	the same object as on input but with creation (essential for further use would be the <code>id</code>) data initialized

Errors

- {InvalidInputBusinessException} - invalid `label` (null or empty)
- {AlreadyExistsPersistenceException} - an object with the same name already exists
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- group names are case insensitive (e.g. creating the group “dummy” when a group “Dummy” exists will generate an error)
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "object" : {
    "prefix" : "GROU",
    "id" : "GROU00000000000000000000000000000000",
    "label" : "groupName",
    ..... other info required at creation time ....
  }
}
```



```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "GROU",
      "id" : "GROU000000000000AB0000000000000000000000000",
      "label" : "groupName",
      "dateC" : 1492771823695
    }
  }
}
```

/ADMIN/UPDATE/GROUP

Update a group's data.

DTO structure on input

Key	Type	Significance
object	{Group}	the group object to initialize with persisted data. Must have either <code>id</code> or <code>label</code> properties set
flags	long	flags specifying what fields of the group object to update (see {Flag#GROUP_ALL}).

DTO structure on output

Key	Type	Significance
object	{Group}	the same object supplied on input

Errors

- {InvalidInputBusinessException} - invalid `id` or `label` is null and `flags` contains {Flag#LABEL}
- {NotFoundPersistenceException} - object with specified `id` not found
- {AlreadyExistsPersistenceException} - a different object with specified `label` already exists when updating the group name
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- group names are case insensitive (e.g. creating the group "dummy" when a group "Dummy" exists will generate an error)
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" : 16,
  "object" : {
    "prefix" : "GROU",
    "id" : "GROU000000000000AB00000000000000000000000",
    "description" : "update description "
```

```
}  
}
```

Response body:

```
{  
  "result" : "ok",  
  "dtoOut" : {  
    "objectId" : "GROU000000000000AB00000000000000000000000",  
    "dateM" : 1492772199982  
  }  
}
```

/ADMIN/DELETE/GROUP

Delete a group.

DTO structure on input

Key	Type	Significance
objectId	String	the id of the group object to delete

DTO structure on output

empty, `null` will be returned

Errors

- {InvalidInputBusinessException} - invalid `objectId`
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- this operation is internally audited

Request and response examples:

Request body:

```
{
  "objectId" : "GROU0000000000AB000000000000000000000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "GROU0000000000AB000000000000000000000000"
  }
}
```

/ADMIN/ENUMERATE/GROUP

Enumerate/list/search groups.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the groups
flags	long	flags specifying what fields of the group objects returned to initialize (see {Flag#GROUP_ALL})
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Group>	the list of groups

Errors

- {InvalidInputBusinessException} - invalid `criteriaIds` (see Notes for supported criteria combinations)
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- group names are case insensitive (e.g. creating the group "dummy" when a group "Dummy" exists will generate an error)
- The following table lists the supported criteria combinations

Content of <code>criteriaIds</code>	Significance
[] - empty	all groups are enumerated
["LABEL_SW", <expr>]	groups with <code>label</code> starting with <expr>
["LABEL", <expr>]	groups with <code>label</code> containg <expr>.A minimum of 2 characters requirement for <expr> in this case

<code>["DESCRIPTION", <expr>]</code>	groups with description containg <expr>.A minimum of 2 characters requirement for <expr> in this case
<code>["REALNAME", <expr>]</code>	groups with realName containg <expr>.A minimum of 2 characters requirement for <expr> in this case

- in the table above, "LABEL", "DESCRIPTION" and "REALNAME" can be combined in the same criterion.E.g. specifying `["LABEL REALNAME", <expr>]` will look for <expr> in both `label` and `realName` properties of group objects."LABEL_SW" cannot be part of these combinations
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" :4115
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "GROU",
      "id" : "GROU000000000009E00000000000000000000000",
      "label" : "group1",
      "dateC" : 1395070616960,
      "description" : "test group1"
    }, {
      "prefix" : "GROU",
      "id" : "GROU000000000009E00000000000000000000000",
      "label" : "group2",
      "dateC" : 1358845929105,
      "description" : "test group2",
    }
  ]
}
```

/ADMIN/CHECK/LDAP_GROUP



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/GROUP



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/GET_EXTINFO/GROUP



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/GET_INDIRECTASSIGNS/GROUP



Documentation not available in this release. Please contact SIATEL SA for support.

INTERVENTION_REPORT

/ADMIN/CREATE/INTERVENTION_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/INTERVENTION_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/INTERVENTION_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/INTERVENTION_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/INTERVENTION_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

LDAP_USER

/ADMIN/CREATE/LDAP_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/LDAP_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/LDAP_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/SYNCHRONIZE/LDAP_USER



Documentation not available in this release. Please contact SIATEL SA for support.

MANAGER

/ADMIN/ENUMERATE/MANAGER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/MANAGER



Documentation not available in this release. Please contact SIATEL SA for support.

MANAGER_USER

/ADMIN/CREATE/MANAGER_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/MANAGER_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/MANAGER_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/MANAGER_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/MANAGER_USER



Documentation not available in this release. Please contact SIATEL SA for support.

OBJECT_EXTENDED_PROPERTY

/ADMIN/CREATE/OBJECT_EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/OBJECT_EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/OBJECT_EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/OBJECT_EXTENDED_PROPERTY/FOR_OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/OBJECT_EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/OBJECT_EXTENDED_PROPERTY/FOR_OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/OBJECT_EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/OBJECT_EXTENDED_PROPERTY/FOR_OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/OBJECT_EXTENDED_PROPERTY/ FOR_EXTENDED_PROPERTY



Documentation not available in this release. Please contact SIATEL SA for support.

PLANNER

/ADMIN/CREATE/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DEPLOY/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DUPLICATE/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/PLANNER



Documentation not available in this release. Please contact SIATEL SA for support.

PLANNERDAY

/ADMIN/CREATE/PLANNERDAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/PLANNERDAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/PLANNERDAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/PLANNERDAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/PLANNERDAY



Documentation not available in this release. Please contact SIATEL SA for support.

PORTAL

/ADMIN/CREATE/PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DUPLICATE/PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/PORTAL

Enumerate/list portals.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the portals
flags	long	flags specifying what fields of the storage area objects returned to initialize (see Flag#PORTAL_ALL)
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Portal>	the list of portals

Errors

- [InvalidInputBusinessException](#) - invalid criteriaIds (see Notes for supported criteria combinations)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[] - empty	all portals are enumerated
[<userId>] - empty	all portals which user specified by <userId> can access through direct, group- and role-inherited assignments

/ADMIN/READ/PORTAL

Read a portal's data.

DTO structure on input

Key	Type	Significance
object	Portal	the portal object to initialize with persisted data. Must have <code>id</code> property set
flags	long	Flags specifying what fields of the role object to initialize (see Flag#PORTAL_ALL).

DTO structure on output

Key	Type	Significance
object	Portal	the same object supplied on input but with the fields specified by <code>flags</code> parameter set.

Errors

- [InvalidInputBusinessException](#) - invalid `id` specified in input `object`
- [NotFoundPersistenceException](#) - object with specified `id` not found
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

/ADMIN/UPDATE/PORTAL



Documentation not available in this release. Please contact SIATEL SA for support.

PORTAL_DISPLAY

/ADMIN/CREATE/PORTAL_DISPLAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/PORTAL_DISPLAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/PORTAL_DISPLAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/PORTAL_DISPLAY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/PORTAL_DISPLAY



Documentation not available in this release. Please contact SIATEL SA for support.

PORTAL_DOCLIST

/ADMIN/CREATE/PORTAL_DOCLIST



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/PORTAL_DOCLIST



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/PORTAL_DOCLIST



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/PORTAL_DOCLIST



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/PORTAL_DOCLIST



Documentation not available in this release. Please contact SIATEL SA for support.

ROLE

/ADMIN/CREATE/ROLE

Create a role.

DTO structure on input

Key	Type	Significance
object	{Role}	the data of the role to create. Must have the <code>label</code> property set.

DTO structure on output

Key	Type	Significance
object	{Role}	the same object as on input but with creation (essential for further use would be the <code>id</code>) data initialized

Errors

- {InvalidInputBusinessException} - invalid `label` (null or empty)
- {AlreadyExistsPersistenceException} - an object with the same name already exists
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- role names are case insensitive (e.g. creating the role “dummy” when a role “Dummy” exists will generate an error)
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "object" : {
    "prefix" : "ROLE",
    "id" : "ROLE00000000000000000000000000000000",
    "label" : "roleName",
    ..... other info required at creation time ....
  }
}
```

```
{  
    "result" : "ok",  
    "dtoOut" : {  
        "objectId" : "ROLE00000000000AB000000000000000000000000",  
        "dateC" : 1492771823695  
    }  
}
```



```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "ROLE",
      "id" : "ROLE000000000000AB0000000000000000000000000",
      "label" : "roleName",
      "dateC" : 1492771823695
    }
  }
}
```

/ADMIN/UPDATE/ROLE

Update a role's data.

DTO structure on input

Key	Type	Significance
object	{Role}	the role object to initialize with persisted data. Must have either <code>id</code> or <code>label</code> properties set
flags	long	flags specifying what fields of the role object to update (see {Flag#ROLE_ALL}).

DTO structure on output

Key	Type	Significance
object	{Role}	the same object supplied on input

Errors

- {InvalidInputBusinessException} - invalid `id` or `label` is null and `flags` contains {Flag#LABEL}
- {NotFoundPersistenceException} - object with specified `id` not found
- {AlreadyExistsPersistenceException} - a different object with specified `label` already exists when updating the role name
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- role names are case insensitive (e.g. creating the role "dummy" when a role "Dummy" exists will generate an error)
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" : 16,
  "object" : {
    "prefix" : "ROLE",
    "id" : "ROLE0000000000AB0000000000000000000000000000",
    "description" : "update description "
  }
}
```

```
Response body:
```

```
{  
  "result" : "ok",  
  "dtoOut" : {  
    "objectId" : "ROLE00000000000AB000000000000000000000000",  
    "dateM" : 1492772199982  
  }  
}
```

```
Response body:
```

```
{  
    "result" : "ok",  
    "dtoOut" : {  
        "objectId" : "ROLE00000000000AB0000000000000000000000",  
        "dateM" : 1492772199982  
    }  
}
```

/ADMIN/DELETE/ROLE

Delete a role.

DTO structure on input

Key	Type	Significance
objectId	String	the id of the role object to delete

DTO structure on output

empty, `null` will be returned

Errors

- {InvalidInputBusinessException} - invalid `objectId`
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- this operation is internally audited

Request and response examples:

Request body:

```
{
  "objectId" : "ROLE000000000000500000000000000000000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "ROLE000000000000500000000000000000000000"
  }
}
```

/ADMIN/ENUMERATE/ROLE

Enumerate/list/search roles.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the roles
flags	long	flags specifying what fields of the role objects returned to initialize (see {Flag#ROLE_ALL})
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Role>	the list of roles

Errors

- {InvalidInputBusinessException} - invalid `criteriaIds` (see Notes for supported criteria combinations)
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- role names are case insensitive (e.g. creating the role "dummy" when a role "Dummy" exists will generate an error)
- The following table lists the supported criteria combinations

Content of <code>criteriaIds</code>	Significance
[] - empty	all roles are enumerated
["LABEL_SW", <expr>]	roles with <code>label</code> starting with <expr>
["LABEL", <expr>]	roles with <code>label</code> containg <expr>.A minimum of 2 characters requirement for <expr> in this case

<code>["DESCRIPTION", <expr>]</code>	roles with description containg <expr>.A minimum of 2 characters requirement for <expr> in this case
<code>["REALNAME", <expr>]</code>	roles with realName containg <expr>.A minimum of 2 characters requirement for <expr> in this case

- in the table above, "LABEL", "DESCRIPTION" and "REALNAME" can be combined in the same criterion.E.g. specifying `["LABEL REALNAME", <expr>]` will look for <expr> in both `label` and `realName` properties of role objects."LABEL_SW" cannot be part of these combinations
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" :4115
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "ROLE",
      "id" : "ROLE000000000009E00000000000000000000000",
      "label" : "role1",
      "dateC" : 1395070616960,
      "description" : "test role1"
    }, {
      "prefix" : "ROLE",
      "id" : "ROLE000000000009E00000000000000000000000",
      "label" : "role2",
      "dateC" : 1358845929105,
      "description" : "test role2",
    }
  ]
}
```

/ADMIN/COUNT/ROLE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/GET_EXTINFO/ROLE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/GET/ROLE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/VALIDATE/ROLE



Documentation not available in this release. Please contact SIATEL SA for support.

RULE

/ADMIN/CREATE/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

REGISTRY_ENTRY

/ADMIN/CREATE/REGISTRY_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/REGISTRY_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/REGISTRY_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/REGISTRY_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

RESOURCE

/ADMIN/CREATE/RESOURCE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/RESOURCE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/RESOURCE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/RESOURCE

Enumerate/list resources.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the resources
flags	long	flags specifying what fields of the resource objects returned to initialize (see Flag#RESOURCE_ALL)
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<com.siatel.domain.Resource>	the list of portals

Errors

- [InvalidInputBusinessException](#) - invalid criteriaIds (see Notes for supported criteria combinations)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[] - empty	all resources are enumerated

/ADMIN/READ/RESOURCE

Read a resource's data.

DTO structure on input

Key	Type	Significance
object	com.siatel.domain.Resource	the resource object to initialize with persisted data. Must have <code>id</code> property set
flags	long	Flags specifying what fields of the role object to initialize (see Flag#RESOURCE_ALL).

DTO structure on output

Key	Type	Significance
object	com.siatel.domain.Resource	the same object supplied on input but with the fields specified by flags parameter set.

Errors

- [InvalidInputBusinessException](#) - invalid `id` specified in input object
- [NotFoundPersistenceException](#) - object with specified `id` not found
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

/ADMIN/UPDATE/RESOURCE



Documentation not available in this release. Please contact SIATEL SA for support.

SCRIPT_ADMIN

/ADMIN/CREATE/SCRIPT_ADMIN



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/SCRIPT_ADMIN



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DUPLICATE/SCRIPT_ADMIN



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/SCRIPT_ADMIN



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/SCRIPT_ADMIN



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/SCRIPT_ADMIN



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_ACCOUNT

/ADMIN/DELETE/SERVER_ACCOUNT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/SERVER_ACCOUNT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CREATE/SERVER_ACCOUNT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/GENERATE/SERVER_ACCOUNT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/SYNCHRONIZE/SERVER_ACCOUNT



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_REPORT

/ADMIN/CREATE/SERVER_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/SERVER_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/SERVER_REPORT



Documentation not available in this release. Please contact SIATEL SA for support.

SESSION

/ADMIN/ENUMERATE/SESSION



Documentation not available in this release. Please contact SIATEL SA for support.

STORAGE

/ADMIN/CREATE/STORAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/STORAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/STORAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/STORAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/STORAGE

Enumerate/list storage areas.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the storage areas
flags	long	flags specifying what fields of the storage area objects returned to initialize (see Flag#STORAGE_ALL)
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<Storage>	the list of storages

Errors

- [InvalidInputBusinessException](#) - invalid criteriaIds (see Notes for supported criteria combinations)
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[] - empty	all storages are enumerated

/ADMIN/READ/STORAGE

Read a storage area's data.

DTO structure on input

Key	Type	Significance
object	Storage	the storage object to initialize with persisted data. Must have either <code>id</code> property set
flags	long	Flags specifying what fields of the role object to initialize (see Flag#STORAGE_ALL).

DTO structure on output

Key	Type	Significance
object	Storage	the same object supplied on input but with the fields specified by <code>flags</code> parameter set.

Errors

- [InvalidInputBusinessException](#) - invalid `id` specified in input `object`
- [NotFoundPersistenceException](#) - object with specified `id` not found
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

/ADMIN/UPDATE/STORAGE



Documentation not available in this release. Please contact SIATEL SA for support.

STOPFILE

/ADMIN/GET/STOPFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/SET/STOPFILE



Documentation not available in this release. Please contact SIATEL SA for support.

SYSTEM_LIST

/ADMIN/QUERY/SYSTEM_LIST



Documentation not available in this release. Please contact SIATEL SA for support.

TEMP_SECU_RIGHTS

/ADMIN/READ/TEMP_SECU_RIGHTS



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/TEMP_SECU_RIGHTS



Documentation not available in this release. Please contact SIATEL SA for support.

USER

/ADMIN/CREATE/USER

Create a user (account).

DTO structure on input

Key	Type	Significance
object	{User}	the data of the user to create. Must have the <code>label</code> property set.

DTO structure on output

Key	Type	Significance
object	{User}	the same object as on input but with creation (essential for further use would be the <code>id</code>) data initialized

Errors

- {InvalidInputBusinessException} - invalid `label` (null or empty)
- {AlreadyExistsPersistenceException} - an object with the same name already exists
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- user names are case insensitive (e.g. creating the user “dummy” when a user “Dummy” exists will generate an error)
- this operation is internally audited

Request and response examples:

Request body:

```
{  
  "object" : {
```

[illegible]

/ADMIN/READ/USER

Read a user's data.

DTO structure on input

Key	Type	Significance
object	{User}	the user object to initialize with persisted data. Must have either <code>id</code> or <code>label</code> properties set
flags	long	Flags specifying what fields of the user object to initialize (see {Flag#USER_ALL}).

DTO structure on output

Key	Type	Significance
object	{User}	the same object supplied on input but with the fields specified by <code>flags</code> parameter set.

Errors

- {InvalidInputBusinessException} - neither `id` nor `label` are specified in input `object`
- {NotFoundPersistenceException} - object with specified `id` or `label` not found
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- user names are case insensitive (e.g. creating the user "dummy" when a user "Dummy" exists will generate an error)
- trying to get the user password using this command will disappoint you
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" : 1080933179801481247,
  "object" : {
    "prefix" : "USER",
    "id" : "USER0000000000AB0000000000000000000000000000"
```

```

    }
}

```

Response body:

```

{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "USER",
      "id" : "USER0000000000AB0000000000000000000000000000",
      "label" : "g1",
      "ownerId" : "USER0000000000010000000000000000000000000000",
      "flags" : 4294967296,
      "dateC" : 1492771823695,
      "dateM" : 1492771823695,
      "description" : "g",
      "realName" : "g",
      "privileges" : 1180,
      "externalDirectoryId" : null,
      "dateLogin" : -1,
      "dateLogout" : -1,
      "profileId" : "USPR0000000000010000000000000000000000000000",
      "workingPlannerId" : "PLAN0000000000000000000000000000000000000000",
      "accessRestrictedByWorkingPlanner" : false,
      "email" : "g@company.com"
    }
  }
}

```

Request body:

```

{
  "flags" : 1080933179801481247,
  "objectId" : "USER0000000000AB0000000000000000000000000000"
}

```

Response body:

```

{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "USER",
      "id" : "USER0000000000AB0000000000000000000000000000",
      "label" : "g1",
      "ownerId" : "USER0000000000010000000000000000000000000000",
      "flags" : 4294967296,
      "dateC" : 1492771823695,

```

```
    "dateM" : 1492771823695,  
    "description" : "g",  
    "realName" : "g",  
    "privileges" : 1180,  
    "externalDirectoryId" : null,  
    "dateLogin" : -1,  
    "dateLogout" : -1,  
    "profileId" : "USPR000000000000100000000000000000000000",  
    "workingPlannerId" : "PLAN0000000000000000000000000000000000",  
    "accessRestrictedByWorkingPlanner" : false,  
    "email" : "g@company.com"  
  }  
}  
}
```

/ADMIN/UPDATE/USER

Update a user's data.

DTO structure on input

Key	Type	Significance
object	{User}	the user object to initialize with persisted data. Must have either <code>id</code> or <code>label</code> properties set
flags	long	flags specifying what fields of the user object to update (see {Flag#USER_ALL}).

DTO structure on output

Key	Type	Significance
object	{User}	the same object supplied on input.

Errors

- {InvalidInputBusinessException} - invalid `id` or `label` is null and `flags` contains {Flag#LABEL}
- {NotFoundPersistenceException} - object with specified `id` not found
- {AlreadyExistsPersistenceException} - a different object with specified `label` already exists when updating the user name
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- user names are case insensitive (e.g. creating the user "dummy" when a user "Dummy" exists will generate an error)
- this command will not change a user's password. Use {#CMD_UPDATE_USER_PASS} to achieve this
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" : 16,
  "object" : {
    "prefix" : "USER",
    "id" : "USER0000000000AB000000000000000000000000",
    "description" : "update description "
```

```
}  
}
```

Response body:

```
{  
  "result" : "ok",  
  "dtoOut" : {  
    "objectId" : "USER000000000000AB00000000000000000000000",  
    "dateM" : 1492772199982  
  }  
}
```


/ADMIN/ENUMERATE/USER

Enumerate/list/search users.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria used to enumerate the users
flags	long	flags specifying what fields of the user objects returned to initialize (see {Flag#USER_ALL})
offset	Integer	offset from which to start enumeration
count	Integer	maximum number of objects to return.

DTO structure on output

Key	Type	Significance
list	List<User>	the list of users

Errors

- {InvalidInputBusinessException} - invalid `criteriaIds` (see Notes for supported criteria combinations)
- {DeniedSecurityException} - security context does not allow this operation for connected user

Notes

- user names are case insensitive (e.g. creating the user “dummy” when a user “Dummy” exists will generate an error)
- trying to get the users’ passwords using this command will disappoint you
- The following table lists the supported criteria combinations

Content of <code>criteriaIds</code>	Significance
[] - empty	all users are enumerated
["LABEL_SW", <expr>]	users with <code>label</code> starting with <expr>
["LABEL",	users with <code>label</code> containg <expr>.A minimum of

<expr>]	2 characters requirement for <expr> in this case
["DESCRIPTION", <expr>]	users with description containg <expr>.A minimum of 2 characters requirement for <expr> in this case
["REALNAME", <expr>]	users with realName containg <expr>.A minimum of 2 characters requirement for <expr> in this case

- in the table above, "LABEL", "DESCRIPTION" and "REALNAME" can be combined in the same criterion.E.g. specifying ["LABEL REALNAME", <expr>] will look for <expr> in bothlabel and realName properties of user objects."LABEL_SW" cannot be part of these combinations
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "inherited" :false,
  "flags" :1149050128460427295,
  "offset" :0,
  "count" :2
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "USER",
      "id" : "USER000000000009F0000000000000000000000000",
      "label" : "a",
      "ownerId" : "USER000000000001000000000000000000000000",
      "flags" : 0,
      "dateC" : 1471875140665,
      "dateM" : 1471875174025,
      "description" : "",
      "realName" : "a",
      "privileges" : 251715518,
      "externalDirectoryId" : null,
      "dateLogin" : 1490366240802,
      "dateLogout" : 1490366243179,
      "profileId" : "USPR000000000008000000000000000000000000",
      "workingPlannerId" : "PLAN000000000000000000000000000000000000",
      "accessRestrictedByWorkingPlanner" : false,
      "activatedBy" : null,
    }
  ]
}
```

```

        "activatedAt" : null,
        "deactivatedBy" : null,
        "deactivatedAt" : null,
        "email" : ""
    }, {
        "prefix" : "USER",
        "id" : "USER0000000000A3000000000000000000000000",
        "label" : "abc$test.",
        "ownerId" : "USER0000000000010000000000000000000000",
        "flags" : 0,
        "dateC" : 1489045568750,
        "dateM" : 1489045576860,
        "description" : "a",
        "realName" : "abc$test.",
        "privileges" : 251659420,
        "externalDirectoryId" : null,
        "dateLogin" : -1,
        "dateLogout" : -1,
        "profileId" : "USPR0000000000010000000000000000000000",
        "workingPlannerId" : "PLAN00000000000000000000000000000000",
        "accessRestrictedByWorkingPlanner" : false,
        "activatedBy" : null,
        "activatedAt" : null,
        "deactivatedBy" : null,
        "deactivatedAt" : null,
        "email" : ""
    }
  ]
}

```

/ADMIN/GET_EXTINFO/USER

Request and response examples:

Request body:

```
{
  "objectId" : "USER00000000009E0000000000000000000000",
  "opCode" : 2
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "arrDEspl_ids" : ["DATA003E0000000000000000000000000000",
"DATA000200000000000000000000000000000000", "DATA00CE0000000000000000000000000000",
"DATA00DA00000000000000000000000000000000", "DATA00D40000000000000000000000000000"],
    "arrDArch_ids" : ["DATA003E0000000000000000000000000000",
"DATA000200000000000000000000000000000000", "DATA00CE0000000000000000000000000000",
"DATA00DA00000000000000000000000000000000", "DATA00D40000000000000000000000000000"],
    "arrV_ids" : ["DFVW00DB000000010000000000000000000000",
"DFVW000200000001000000000000000000000000", "DFVW00CC000000010000000000000000000000"],
    "arrG_viz" : [2],
    "arrR_viz" : [2],
    "arrG_ids" : ["GROU0000000000010000000000000000000000"],
    "userId" : "USER00000000009E0000000000000000000000",
    "arrR_ids" : ["ROLE0000000000010000000000000000000000"],
    "arrD_viz" : [15, 5, 3, 5, 6, 5, 5, 5, 7, 7, 5, 5, 5, 5, 7, 7],
    "arrD_ids" : ["DATA00CC0000000000000000000000000000",
"DATA00D300000000000000000000000000000000", "DATA003E0000000000000000000000000000",
"DATA00CB00000000000000000000000000000000", "DATA00020000000000000000000000000000",
"DATA00C900000000000000000000000000000000", "DATA00CA0000000000000000000000000000",
"DATA00D100000000000000000000000000000000", "DATA00CE0000000000000000000000000000",
"DATA00DB00000000000000000000000000000000", "DATA00D50000000000000000000000000000",
"DATA00D900000000000000000000000000000000", "DATA00D00000000000000000000000000000",
"DATA00CD00000000000000000000000000000000", "DATA00DA0000000000000000000000000000",
"DATA00D400000000000000000000000000000000"],
    "arrDEspl_priv" : [2, 2, 2, 2, 2],
    "priv" : 16,
    "arrDArch_priv" : [2, 2, 2, 2, 2],
    "arrV_viz" : [2, 2, 2]
  }
}
```

/ADMIN/ACTIVATE/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COPY/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DEACTIVATE/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DISCONNECT/USER/FROM_SERVER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DISCONNECT/USER/FROM_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/PURGE/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UNDELETE/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE_DEFAULT/USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE_EXTERNAL_USER



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE_PASS/USER

Change a user's password.

DTO structure on input

Key	Type	Significance
userId	String	the id of the user whose password to change
password	String	the new password
expired	Boolean	Optional. <code>true</code> to force interactive password change on next user login

DTO structure on output

Key	Type	Significance
object	User	the user object containing the updated timestamp

Errors

- [InvalidInputBusinessException](#) - invalid `userId`
- [PasswordValidationBusinessException](#) - specified password does not conform to password policy requirements
- [DeniedSecurityException](#) - security context does not allow this operation for connected user

Notes

- this operation is internally audited

USER_PROFILE

/ADMIN/CREATE/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CREATE/USER_PROFILE/FROM_WEB



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DUPLICATE/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHANGE/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/USER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/USER_PROFILE/USECACHE



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/USER_PROFILE/FROM_WEB



Documentation not available in this release. Please contact SIATEL SA for support.

USER_DELEGATION

/ADMIN/CREATE/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CREATE/USER_DELEGATION/FROM_WEB



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/READ/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/UPDATE/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELETE/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ENUMERATE/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/ACTIVATE/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/USER_DELEGATION/USER_CONNECTED



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/CHECK/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DEACTIVATE/USER_DELEGATION



Documentation not available in this release. Please contact SIATEL SA for support.

MISCELLANEOUS

/ADMIN/CHECK



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/COUNT/DATABASE_OBJECTS



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELEGATE_OWNERSHIP



Documentation not available in this release. Please contact SIATEL SA for support.

/ADMIN/DELEGATE_OWNERSHIP_ADMIN

Delegate to a user the ownership of all objects in a database belonging to another user.

DTO structure on input

Key	Type	Significance
fromRoleId	String	Required. The id of the user from whom object ownership is removed
toUserId	String	Required. The id of the user to whom object ownership is delegated
databaseId	String	Required. The id of the database containing the objects whose ownership is delegated

DTO structure on output

empty, can be null

Validations to perform

- fromUserId specifies a valid user id. Failure will result in a [com.siatel.error.InvalidInputBusinessException](#) ("fromUserId")
- toUserId specifies a valid user id. Failure will result in a [com.siatel.error.InvalidInputBusinessException](#) ("toUserId")
- user specified by toUserId exists. Failure will result in a [com.siatel.error.NotFoundPersistenceException](#) ("toUserId")
- databaseId specifies a valid database id. Failure will result in a [com.siatel.error.InvalidInputBusinessException](#) ("databaseId")
- database specified by databaseId exists. Failure will result in a [com.siatel.error.NotFoundPersistenceException](#) ("databaseId")

Specific responsibilities

- invoke persistence call that performs the operation

/ADMIN/DELETE/USER_DATA



Documentation not available in this release. Please contact SIATEL SA for support.

AUDIT SERVICE

AUDIT_ENTRY

/AUDIT/CREATE/AUDIT_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

/AUDIT/DELETE/AUDIT_ENTRY/FULL



Documentation not available in this release. Please contact SIATEL SA for support.

/AUDIT/COUNT/AUDIT_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

/AUDIT/QUERY/AUDIT_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

AUDIT_CONFIG

/AUDIT/LOAD/AUDIT_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/AUDIT/SAVE/AUDIT_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

CONFIG SERVICE

SERVER_ANONYMOUS_CONFIG

/CONFIG/READ/SERVER_ANONYMOUS_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_ANONYMOUS_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_ASYNCJOB_CONFIG

/CONFIG/READ/SERVER_ASYNCJOB_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_ASYNCJOB_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_BACKUP

/CONFIG/CANCEL/SERVER_BACKUP



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/QUERY/SERVER_BACKUP



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/START/SERVER_BACKUP



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_DATABASE

/CONFIG/CHECK/SERVER_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/UPDATE/SERVER_DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

LICENSES_BY_COMP

/CONFIG/QUERY/LICENSES_BY_COMP



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_DBENGINE

/CONFIG/GET/SERVER_DBENGINE



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_LICENSE

/CONFIG/GET/SERVER_LICENSE



Documentation not available in this release. Please contact SIATEL SA for support.

DATABASE_INSTANCE

/CONFIG/CREATE/DATABASE_INSTANCE



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/ENUMERATE/DATABASE_INSTANCE



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/REPAIR/DATABASE_INSTANCE



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/UPDATE/DATABASE_INSTANCE



Documentation not available in this release. Please contact SIATEL SA for support.

STATUS

/CONFIG/QUERY/STATUS



Documentation not available in this release. Please contact SIATEL SA for support.

WORKFLOW_LAYOUT_FILE

/CONFIG/READ/WORKFLOW_LAYOUT_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/WORKFLOW_LAYOUT_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_EMAIL_CONFIG

/CONFIG/READ/SERVER_EMAIL_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_EMAIL_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

EMAIL_CONNECTION

/CONFIG/TEST/EMAIL_CONNECTION



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_DATABASE_SN

/CONFIG/GET/SERVER_DATABASE_SN



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_OPTION

/CONFIG/GET/SERVER_OPTION



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SET/SERVER_OPTION



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_INSTALL_CODE

/CONFIG/GET/SERVER_INSTALL_CODE



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_IPFILTERS_CONFIG

/CONFIG/READ/SERVER_IPFILTERS_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_IPFILTERS_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

LDAP_CONNECTION

/CONFIG/TEST/LDAP_CONNECTION



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_LDAP_CONFIG

/CONFIG/READ/SERVER_LDAP_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_LDAP_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_CONFIG

/CONFIG/READ/SERVER_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER

/CONFIG/MAINTENANCE/SERVER



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/RE



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/STOP/SERVER



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/START/SERVER



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SUSPEND/SERVER



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_SIGNATURE_CONFIG

/CONFIG/READ/SERVER_SIGNATURE_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_SIGNATURE_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_SSO_CONFIG

/CONFIG/READ/SERVER_SSO_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_SSO_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_STREAMING_CONFIG

/CONFIG/READ/SERVER_STREAMING_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_STREAMING_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_SYSLOG_CONFIG

/CONFIG/READ/SERVER_SYSLOG_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

/CONFIG/SAVE/SERVER_SYSLOG_CONFIG



Documentation not available in this release. Please contact SIATEL SA for support.

DESIGN SERVICE

ATTRIBUTE

/DESIGN/CREATE/ATTRIBUTE

Example:

Request body:

```
{
  "parentId" : "DATA00020000000000000000000000000000",
  "object" : {
    "prefix" : "DFAT",
    "id" : "DFAT00020000000000000000000000000000",
    "typeId" : "DFTY00020000000100000000000000000000",
    "label" : "stringattribute"
    .....other infor equiredat creation time....
  }
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "DFAT00020000007600000000000000000000",
    "dateC" : 1493106951119
  }
}
```

Response body:

```
{
  "result": "fail",
  "error": "AlreadyExistsPersistenceException",
  "message": "object exists"
}
```

/DESIGN/READ/ATTRIBUTE

Reading an attribute using objectId.

Request body:

```
{
  "flags": <object flags>,
  "objectId": "DFAT0002000000760000000000000000000000000000"
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFAT",
      "id": "DFAT0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

Reading an attribute using objectLabel and objectId (valid prefix and database and the rest filled with 0)

Request body:

```
{
  "flags": <object flags>,
  "objectLabel": "string attribute",
  "objectId": "DFAT0002000000000000000000000000000000000000"
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFAT",
      "id": "DFAT0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

Reading an attribute using object with id

Request body:

```
{
  "flags": <object flags>,
  "object": {
    "prefix": "DFAT",
    "id": "DFAT0002000000760000000000000000000000000000"
  }
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFAT",
      "id": "DFAT0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

/DESIGN/ENUMERATE/ATTRIBUTE

Enumerate user defined attributes.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	the enumeration criteria
flags	long	the flags used to read each attribute definition
offset	Integer	the offset from where to start then enumeration
count	Integer	the maximum number of returned results
localized	String	the {java.util.Locale} 2-letter language specifier

DTO structure on output

Key	Type	Significance
list	List<Attribute>	the list of attributes

Errors

- {InvalidInputBusinessException} - invalid `criteriaIds` or `flags`

Notes

- The following table lists the supported criteria combinations

Content of <code>criteriaIds</code>	Significance
[<databaseId>]	the attributes in the database specified by <code>databaseId</code> will be listed

Request and response examples:

Request body:

```
{  
  "flags" : 4115,
```


/DESIGN/CHECK/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE_INDEX/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE_INDEX/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/MERGE/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/GET/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

FORM

/DESIGN/READ/FORM

Reading a form using objectId.

Request body:

```
{
  "flags": <object flags>,
  "objectId": "DFFR0002000000760000000000000000000000000000"
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFFR",
      "id": "DFFR0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

Reading a form using objectLabel and objectId (valid prefix and database and the rest filled with 0)

Request body:

```
{
  "flags": <object flags>,
  "objectLabel": "user type",
  "objectId": "DFFR0002000000000000000000000000000000000000"
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFFR",
      "id": "DFFR0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

Reading a form using object with id

Request body:

```
{
  "flags": <object flags>,
  "object": {
    "prefix": "DFFR",
    "id": "DFFR0002000000760000000000000000000000000000"
  }
}
```

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFFR",
      "id": "DFFR0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```


/DESIGN/COMPILE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COPY/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/GENERATE_FILE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/REPLACE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/FORM



Documentation not available in this release. Please contact SIATEL SA for support.

TYPE

/DESIGN/READ/TYPE

Reading a user (custom) type using objectId.

Request body:

```
{
  "flags": <object flags>,
  "objectId": "DFTY0002000000760000000000000000000000000000"
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFTY",
      "id": "DFTY0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

Reading a user (custom) type using objectLabel and objectId (valid prefix and database and the rest filled with 0)

Request body:

```
{
  "flags": <object flags>,
  "objectLabel": "user type",
  "objectId": "00020000000000000000000000000000000000000000000000000"
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFTY",
      "id": "DFTY0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

Reading a user (custom) type using object with id

Request body:

```
{
  "flags": <object flags>,
  "object": {
    "prefix": "DFTY",
    "id": "DFTY0002000000760000000000000000000000000000"
  }
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "DFTY",
      "id": "DFTY0002000000760000000000000000000000000000",
      ... // rest of properties
    }
  }
}
```

/DESIGN/ENUMERATE/TYPE

Enumerate user defined types.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	the enumeration criteria
flags	long	the flags used to read each type definition
offset	Integer	an offset from where to start then enumeration
count	Integer	a maximum number of returned results

DTO structure on output

Key	Type	Significance
list	List<Type>	the list of types

Errors

- {InvalidInputBusinessException} - invalid `criteriaIds` or flags

Notes

- The following table lists the supported criteria combinations

Content of criteriaIds	Significance
[<databaseId>]	the types in the database specified by databaseId will be listed

Request and response examples:

Request body:

```
{  
    "flags" : 4115,  
    "criteriaIds" : ["DATA0002000000000000000000000000000000000000"]  
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "DFTY",
      "id" : "DFTY0002000000690000000000000000000000000000",
      "label" : "type #1",
      "dateC" : 1468402994069,
      "description" : ""
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY00020000006A0000000000000000000000000000",
      "label" : "type #2",
      "dateC" : 1473167046446,
      "description" : null
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY0002000000640000000000000000000000000000",
      "label" : "Oui/Non",
      "dateC" : 1467465471007,
      "description" : ""
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY0002000000730000000000000000000000000000",
      "label" : "Town",
      "dateC" : 1490103297283,
      "description" : null
    },
    ..... more attributes ....
  ]
}
```

/DESIGN/ANALYZE/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/IMPORT/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/MERGE/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/REPLACE_CANDIDATES/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/TYPE



Documentation not available in this release. Please contact SIATEL SA for support.

PACKAGE

/DESIGN/ADDOBJECTS/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ANALYZE/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/PACKAGE



Documentation not available in this release. Please contact SIATEL SA for support.

COMPOSITION_RULE

/DESIGN/ANALYZE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COMPILE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/EVALUATE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CHECK/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/COMPOSITION_RULE



Documentation not available in this release. Please contact SIATEL SA for support.

COUNTER

/DESIGN/REPOSITION/COUNTER



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/RESTART/COUNTER



Documentation not available in this release. Please contact SIATEL SA for support.

PRECONDITION

/DESIGN/CHECK_DEPLOY/PRECONDITION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CHECK_UNDEPLOY/PRECONDITION



Documentation not available in this release. Please contact SIATEL SA for support.

FOLDER_PROFILE

/DESIGN/CHECK/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/FOLDER_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

MAIL_TEMPLATE

/DESIGN/CHECK/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/MAIL_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

SECURITY_PROFILE

/DESIGN/CHECK/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/SECURITY_PROFILE



Documentation not available in this release. Please contact SIATEL SA for support.

DATABASE

/DESIGN/CLEANUP/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COMPILE/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS_DEF

/DESIGN/CLEANUP/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COMPILE/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/HISTORY/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/OPTIMIZE_DEBUG/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/OPTIMIZE_RUNTIME/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

ISJOB

/DESIGN/COMPILE/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

MODEL_OCR

/DESIGN/COMPILE/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/MODEL_OCR



Documentation not available in this release. Please contact SIATEL SA for support.

SCRIPT

/DESIGN/COMPILE/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/SCRIPT



Documentation not available in this release. Please contact SIATEL SA for support.

VIEW

/DESIGN/COMPILE/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COPY/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/COUNT/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DEPLOY/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UNDEPLOY/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

ACCESS_LEVEL

/DESIGN/COUNT/ACCESS_LEVEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/ACCESS_LEVEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/ACCESS_LEVEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/ACCESS_LEVEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/ACCESS_LEVEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/ACCESS_LEVEL



Documentation not available in this release. Please contact SIATEL SA for support.

DOCUMENT_TEMPLATE

/DESIGN/COUNT/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/DOCUMENT_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

GRID

/DESIGN/COUNT/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/GRID



Documentation not available in this release. Please contact SIATEL SA for support.

VALIDATION_CYCLE

/DESIGN/COUNT/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/CREATE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DUPLICATE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

COMPOSITION_RULE_VERSION

/DESIGN/CREATE/COMPOSITION_RULE_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/COMPOSITION_RULE_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/COMPOSITION_RULE_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/COMPOSITION_RULE_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/COMPOSITION_RULE_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

FORM_ATTRIBUTE

/DESIGN/CREATE/FORM_ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/FORM_ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/FORM_ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/FORM_ATTRIBUTE



Documentation not available in this release. Please contact SIATEL SA for support.

FORM_VERSION

/DESIGN/CREATE/FORM_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/FORM_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/FORM_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/FORM_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/FORM_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

GROUP_ISJOB

/DESIGN/CREATE/GROUP_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/GROUP_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/GROUP_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/GROUP_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

GROUP_PROCESS_DEF

/DESIGN/CREATE/GROUP_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/GROUP_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/GROUP_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/GROUP_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

GROUP_VIEW

/DESIGN/CREATE/GROUP_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/GROUP_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/GROUP_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/GROUP_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

IS_JOB_VERSION

/DESIGN/CREATE/IS_JOB_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/IS_JOB_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/IS_JOB_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/IS_JOB_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/IS_JOB_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

MODEL_OCR_VERSION

/DESIGN/CREATE/MODEL_OCR_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/MODEL_OCR_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/MODEL_OCR_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/MODEL_OCR_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/MODEL_OCR_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS_DEF_VERSION

/DESIGN/CREATE/PROCESS_DEF_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/PROCESS_DEF_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/PROCESS_DEF_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/PROCESS_DEF_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/PROCESS_DEF_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

ROLE_ISJOB

/DESIGN/CREATE/ROLE_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/ROLE_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/ROLE_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/ROLE_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

ROLE_PROCESS_DEF

/DESIGN/CREATE/ROLE_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/ROLE_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/ROLE_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/ROLE_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

ROLE_VIEW

/DESIGN/CREATE/ROLE_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/ROLE_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/ROLE_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/ROLE_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

SCRIPT_VERSION

/DESIGN/CREATE/SCRIPT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/SCRIPT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/SCRIPT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/SCRIPT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/SCRIPT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

USER_ISJOB

/DESIGN/CREATE/USER_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/USER_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/USER_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/USER_ISJOB



Documentation not available in this release. Please contact SIATEL SA for support.

USER_PROCESS_DEF

/DESIGN/CREATE/USER_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/USER_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/USER_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/USER_PROCESS_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

USER_VIEW

/DESIGN/CREATE/USER_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/USER_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/USER_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/USER_VIEW



Documentation not available in this release. Please contact SIATEL SA for support.

VIEW_ELEMENT

/DESIGN/CREATE/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/MOVE/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/REPOSITION/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/VIEW_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

VIEW_VERSION

/DESIGN/CREATE/VIEW_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/DELETE/VIEW_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/ENUMERATE/VIEW_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/VIEW_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/UPDATE/VIEW_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

LOCALIZED_LABEL

/DESIGN/DELETE/LOCALIZED_LABEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/LOCALIZED_LABEL



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/SAVE/LOCALIZED_LABEL



Documentation not available in this release. Please contact SIATEL SA for support.

CUSTOM_PROCEDURE

/DESIGN/ENUMERATE/CUSTOM_PROCEDURE



Documentation not available in this release. Please contact SIATEL SA for support.

DESIGN_OBJECT

/DESIGN/ENUMERATE/DESIGN_OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/REVERT/DESIGN_OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

DEPENDENCY

/DESIGN/ENUMERATE/DEPENDENCY



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/GET/DEPENDENCY



Documentation not available in this release. Please contact SIATEL SA for support.

FORM_PAGE

/DESIGN/ENUMERATE/FORM_PAGE



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS_GROUP

/DESIGN/ENUMERATE/PROCESS_GROUP



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS_STARTPOINT

/DESIGN/ENUMERATE/PROCESS_STARTPOINT



Documentation not available in this release. Please contact SIATEL SA for support.

VIEW_ELEMENT_VERSION

/DESIGN/ENUMERATE/VIEW_ELEMENT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/DESIGN/READ/VIEW_ELEMENT_VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

LOCALIZED_VALUE

/DESIGN/GET/LOCALIZED_VALUE



Documentation not available in this release. Please contact SIATEL SA for support.

VIEW_DEPLOYMENT

/DESIGN/READ/VIEW_DEPLOYMENT



Documentation not available in this release. Please contact SIATEL SA for support.

COMPILE_RESULTS

/DESIGN/GET/COMPILE_RESULTS



Documentation not available in this release. Please contact SIATEL SA for support.

EXPORT_INPUT

/DESIGN/GET/EXPORT_INPUT



Documentation not available in this release. Please contact SIATEL SA for support.

GED SERVICE

FOLDER

/GED/CREATE/FOLDER

Create a folder.

DTO structure on input

Key	Type	Significance
object	{Folder}	The folder to create
parentId	String	Id of the parent folder, unless specified by the object parameter's parentId field

DTO structure on output

Key	Type	Significance
objectId	String	The created object's id
dateC	long	Object creation timestamp

Errors

- {InvalidInputBusinessException} - neither `parentId` nor `object.parentId` are valid
- {InvalidInputBusinessException} - `object` has null, empty or blank label
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited
- security is also initialized for the created folder object depending on the database security context and security rules that apply

Request and response examples :

Request body:

```
{
  "parentId": "FLDR003E00185285000000000000000000000000",
  "object": {
    "prefix": "FLDR",
    "id": "FLDR003E00000000000000000000000000000000",
    "formId": "DFFR003E00000000200000000000000000000000",
  }
}
```

```
"label": "folder create using rest api"
"attributes": [{
    "prefix": "DFAT",
    "id": "DFAT003E0000006400000000000000000000000000",
    "typeId": "DFTY003E000000010000000000000000000000",
    "value": "987654321",
    "label": "No étranger"
}, {
    "prefix": "DFAT",
    "id": "DFAT003E0000006500000000000000000000000000",
    "typeId": "DFTY003E000000010000000000000000000000",
    "value": "ANDERSON"
}, {
    "prefix": "DFAT",
    "id": "DFAT003E0000006600000000000000000000000000",
    "typeId": "DFTY003E000000010000000000000000000000",
    "value": "KENEATH"
}]
}
```

Response body:

[illegible]

/GED/READ/FOLDER

Read a folder.

DTO structure on input

Key	Type	Significance
objectId	String	The folder object's id
flags	long	A combination of {Flag} constants specifying what object fields to initialize

DTO structure on output

Key	Type	Significance
object	{Folder}	The object with flags-requested fields set

Errors

- {InvalidInputBusinessException} - input `object.id` is invalid
- {NotFoundPersistenceException} - object with requested `object.id` does not exist
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{  
    "flags":4231,  
    "objectId":"FLDR00CE000000470000000000000000000000"  
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "object": {
      "prefix": "FLDR",
      "id": "FLDR00CE0000000470000000000000000000000000",
      "label": "folder for test",
    }
  }
}
```

```
    "ownerId": "USER000000000000100000000000000000000000",
    "dateC": 1491810560741,
    "formId": "DFFR00CE00000000D00000000000000000000000",
    "securityMask": 0,
    "parentId": "FLDR00CE000000000000000000000000000000"
  }
}
```

/GED/UPDATE/FOLDER

Update a folder.

DTO structure on input

Key	Type	Significance
object	{Folder}	The folder object to update; the <code>id</code> property must be set along with the other fields to update
flags	long	A combination of {Flag} constants specifying what object fields to update
formPage	String	The name of the form page used for custom layout forms when the update command was invoked. If not specified then the default page is assumed in case form is still custom layout

DTO structure on output

Key	Type	Significance
objectId	String	Id of updated object
dateM	long	Object modification timestamp

Errors

- {InvalidInputBusinessException} - input `object.id` is invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "flags": 258,
  "object": {
    "prefix": "FLDR",
    "id": "FLDR00CE00000047000000000000000000000000",
  }
}
```

```

    "label": "folder updated",
    "formId": "DFFR00CE0000000D000000000000000000000000",
    "attributes": [{
      "prefix": "DFAT",
      "id": "DFAT00CE00000091000000000000000000000000",
      "typeId": "DFTY00CE000000010000000000000000000000",
      "value": "string",
      "label": "attr_string"
    }, {
      "prefix": "DFAT",
      "id": "DFAT00CE00000094000000000000000000000000",
      "typeId": "DFTY00CE000000040000000000000000000000",
      "value": 1491771600000,
      "label": "attr_date"
    }, {
      "prefix": "DFAT",
      "id": "DFAT00CE000000A4000000000000000000000000",
      "typeId": "DFTY00CE000000070000000000000000000000",
      "value": true,
      "label": "attr_boolean",
      "flags": 0,
      "data": null
    }, {
      "prefix": "DFAT",
      "id": "DFAT00CE00000092000000000000000000000000",
      "typeId": "DFTY00CE000000020000000000000000000000",
      "value": 1,
      "label": "attr_integer",
      "flags": 0,
      "data": null
    }, {
      "prefix": "DFAT",
      "id": "DFAT00CE00000093000000000000000000000000",
      "typeId": "DFTY00CE000000030000000000000000000000",
      "value": 1.9999999999999999E9,
      "label": "attr_float",
      "flags": 0,
      "data": null
    }
  ]
}

```

Response body:

```

{
  "result" : "ok",
  "dtoOut" : {

```

```
    "objectId": "FLDR00CE0000000470000000000000000000000000",  
    "dateM": 1493119302783  
  }  
}
```


/GED/ENUMERATE/FOLDER

Enumerate folders.

DTO structure on input

Key	Type	Significance
<code>criteriaIds</code>	<code>List<String></code>	A list of criteria to use as filters for enumeration
<code>offset</code>	<code>int</code>	Offset for enumeration start
<code>count</code>	<code>int</code>	The maximum number of elements to return
<code>flags</code>	<code>long</code>	A combination of {Flag} constants specifying what object fields to initialize for returned objects

DTO structure on output

Key	Type	Significance
<code>list</code>	<code>List<{Folder}></code>	The list of folders matching enumeration criteria

Errors

- {InvalidInputBusinessException} - `criteriaIds` does not conform to one of the supported criteria combinations (see notes)
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- The following table lists the supported criteria combinations

Content of <code>criteriaIds</code>	Significance
<code>[<folderId>]</code>	the children folders of folder specified by <code>folderId</code> will be enumerated

Request and response examples:

Request body:

```
{
```

```
"flags":4231,
"offset":0,"count":3,
"criteriaIds":["FLDR003E00013DE20000000000000000000000000000"]
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "list": [{
      "prefix": "FLDR",
      "id": "FLDR003E000148FB0000000000000000000000000000",
      "label": "Vasile 2006",
      "ownerId": "USER00000000000010000000000000000000000000",
      "dateC": 1166614424000,
      "formId": "DFFR003E00000000100000000000000000000000",
      "securityMask": 0,
      "parentId": "FLDR003E00013DE2000000000000000000000000"
    }]
  }
}
```

/GED/COUNT/FOLDER

Count folders in a container (folder including archive supported versions).

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	Criteria to use for counting. Currently supported criteria are same as for folder enumeration.

DTO structure on output

Key	Type	Significance
count	Long	The folders count

Errors

- {InvalidInputBusinessException} - invalid `criteriaIds`

Notes

- this command is usually used when a page-by-page display of a large list of folders is desired
- see {GedLibrary#CMD_ENUMERATE_FOLDERS} for supported `criteriaIds` combinations

Request and response examples:

Request body:

```
{
  "criteriaIds": ["FLDR003E00013DE20000000000000000000000000000"]
}
```

Response body:

```
{
  "result": "ok",
  "dtoOut": {
    "count": 1
  }
}
```

/GED/REPOSITION/FOLDER

Set a folder's position within it's parent.

DTO structure on input

Key	Type	Significance
objectId	String	Id of folder whose position is set
afterId	String	Id of folder after which the folder specified by objectId will be positioned. The 'first' position will be specified as as id with numeric 0.The 'last' position within it's parent will be specified as id with numerics 0x7FFFFFFF. The database numeric id will be ignored if 'first', or 'last' are requested

DTO structure on output

empty, null will be returned

Errors

- {InvalidInputBusinessException} - objectId or afterId are invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- objectId cannot specify the database root folder
- afterId must specify a folder within parent of objectId
- this operation is internally audited

Request and response examples:

Request body:

```
{
  "objectId": "FLDR00CE00000000F00000000000000000000000",
  "afterId": "FLDR00CE00000000400000000000000000000000"
}
```

Response body:

```
{
```

```
"result" : "ok",  
"dtoOut" : {}  
}
```

/GED/MOVE/FOLDER

Move a folder to another location (folder/database root).

DTO structure on input

Key	Type	Significance
objectId	String	Id of folder object to move
targetId	String	Id of new location. Database root can be specified as id of folder with numeric id 0 from said database.

DTO structure on output

empty, null will be returned

Errors

- {InvalidInputBusinessException} - `objectId` or `targetId` are invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited
- object and target must be in the same database, otherwise operation will fail

Request and response examples:

Request body:

```
{
  "objectId": "FLDR003E00185287000000000000000000000000",
  "targetId": "FLDR003E00000005200000000000000000000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId": "FLDR003E00185287000000000000000000000000"
  }
}
```

/GED/DELETE/FOLDER/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/FOLDER/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GET_INFO/FOLDER



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GET/FOLDER/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/REORDER_FOLDER_CONTENT/FOLDER



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/RESTORE/FOLDER/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

DOCUMENT

/GED/CREATE/DOCUMENT

Create a document.

DTO structure on input

Key	Type	Significance
object	{Document}	The document object to create
parentId	String	Id of folder/process/pin where to create the document
add2ft	Boolean	true if document content should be indexed (text documents only)

DTO structure on output

Key	Type	Significance
objectId	String	The created object's id
dateC	long	Object creation timestamp

Errors

- {InvalidInputBusinessException} - `object.label` not supplied or invalid `parentId`
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- this operation is internally audited

Request and response examples:

Request body:

```
{
  "parentId" : "FLDR003E00013DE2000000000000000000000000",
  "object" : {
    "prefix" : "FCHF",
    "id" : "FCHF003E000000000000000000000000000000000000",
    "formId" : "DFFR003E00000000100000000000000000000000",
    "label" : "fiche document"
  }
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "FCHF003E00013DE2000000000168C86800000000",
    "dateC" : 1493045794767
  }
}
```

Request body:

```
{
  "parentId" : "FLDR003E00013DE2000000000000000000000000",
  "object" : {
    "prefix" : "DOCF",
    "id" : "DOCF003E000000000000000000000000000000000000",
    "formId" : "DFFR003E00000000100000000000000000000000",
    "label" : "file document",
    "fileId" : "FILE00020000000000000000001000000010003733D.jpg"
  }
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "DOCF003E00013DE20000000000168C86900000000",
    "dateC" : 1493045796797
  }
}
```

/GED/READ/DOCUMENT

Read a document object.

DTO structure on input

Key	Type	Significance
objectId	String	the document object's id
flags	long	the fields of the {Document} object to initialize with server data. A combination of {Flag} defined constants, relevant for the {Document} class objects

DTO structure on output

Key	Type	Significance
object	{Document}	The object with the fields specified by flags parameter set.

Errors

- {InvalidInputBusinessException} - `object.id` is invalid
- {NotFoundPersistenceException} - object with requested `object.id` does not exist
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- this operation is audited

Request and response examples:

Request body:

```
{
  "flags" : 4231,
  "objectId" : "DOCF003E00013DE2000000000168C86900000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
```

```
    "object" : {
      "prefix" : "FLDR",
      "id" : "DOCF003E00013DE20000000000168C86900000000",
      "label" : "doc for test",
      "ownerId" : "USER000000000000100000000000000000000000",
      "dateC" : 1491810560741,
      "formId" : "DFFR003E00000000D00000000000000000000000",
      "securityMask" : 0
    }
  }
}
```

/GED/UPDATE/DOCUMENT

Update a document.

DTO structure on input

Key	Type	Significance
object	{Document}	the document object to update
flags	long	the fields of the {Document} object to update. A combination of {Flag} defined constants, relevant for the {Document} class objects
formPage	String	the name of the form page used for custom layout forms when the update command was invoked. If not specified then the default page it is assumed in case form is still custom layout

DTO structure on output

Key	Type	Significance
objectId	String	The object's id.
dateM	long	Object modification timestamp.

Errors

- {InvalidInputBusinessException} - input `object.id` is invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "flags" : 258,
  "object" : {
    "prefix" : "DOCF",
    "id" : "DOCF003E00013DE2000000000168C86900000000",
  }
}
```

```
"label" : "document updated",
"formId" : "DFFR003E0000000D0000000000000000000000",
"attributes" : [{
  "prefix" : "DFTY",
  "id" : "DFTY003E000000091000000000000000000000",
  "typeId" : "DFTY003E0000000100000000000000000000",
  "value" : "new string value"
}]
}
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "DOCF003E00013DE2000000000168C86900000000",
    "dateM" : 1493119302783
  }
}
```

/GED/DELETE/DOCUMENT

Delete a document.

DTO structure on input

Key	Type	Significance
objectId	String	the id of the document object to delete

DTO structure on output

Key	Type	Significance
objectId	String	same id supplied on input
ficheId	String	id of resulting index card (fiche) document if document to delete was last component of a pin. This parameter will be set if such pin to index card conversion occurs

Errors

- {InvalidInputBusinessException} - supplied `objectId` is invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited
- the document file is also removed from storage

Request and response examples:

Request body:

```
{
  "objectId" : "DOCF003E00013DE2000000000168C86900000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "DOCF003E00013DE2000000000168C86900000000"
  }
}
```

/GED/ENUMERATE/DOCUMENT

Enumerate documents.

DTO structure on input

Key	Type	Significance
criteriaIds	List<String>	a list of criteria to use as filters for enumeration
flags	long	the fields of the {Document} object to initialize with server data. A combination of {Flag} defined constants, relevant for the {Document} class objects. Also, a list of order options defined by the {Flag} class can be passed through this parameter
offset	Integer	offset from which to start enumeration. E.g. if offset is 2, then the enumeration will return elements starting with the third document.
count	Integer	number of maximum objects to return.

DTO structure on output

Key	Type	Significance
list	List<{Document}>	the list of documents matching enumeration criteria. See the Notes section for supported criteria combinations

Errors

- {InvalidInputBusinessException} - criteriaIds does not conform to one of the supported criteria combinations (see notes)
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- The following table lists the supported criteria combinations

Content of	Significance
------------	--------------

criteriaIds	
[<parentId>]	the documents in folder/process/pin specified by parentId will be enumerated

Request and response examples:

Request body:

```
{
  "flags" : 4231,
  "offset" : 0, "count" : 3,
  "criteriaIds" : ["FLDR003E00185286000000000000000000000000"]
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "DOCF",
      "id" : "DOCF003E00013DE2000000000168C86900000000",
      "label" : "document updated",
      "ownerId" : "USER000000000001000000000000000000000000",
      "dateC" : 1166614424000,
      "formId" : "DFFR003E000000010000000000000000000000",
      "securityMask" : 0
    }, {
      "prefix" : "DOCF",
      "id" : "DOCF003E00013DE2000000000168C36900000000",
      "label" : "document test",
      "ownerId" : "USER000000000000700000000000000000000000",
      "dateC" : 1493119302783,
      "formId" : "DFFR003E0000000D0000000000000000000000",
      "securityMask" : 0
    }
  ]
}
```

/GED/MOVE/DOCUMENT

Move a document to a specific location (folder/process/pin).

DTO structure on input

Key	Type	Significance
objectId	String	The id of the document object to move
targetId	String	Id of folder, process or pin where to move the document

DTO structure on output

Key	Type	Significance
objectId	String	The new id of object (document id changes reflecting the numeric id of the new immediate parent)
ficheId	String	Id of resulting index card (fiche) document if document to delete was last component of a pin. This parameter will be set if such pin to index card conversion occurs (e.g. at the last document in a pin is moved to another location)

Errors

- {InvalidInputBusinessException} - invalid `objectId` or `targetId`
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited
- pin to index card (fiche) conversion occurs when the moved document was the last component of a pinned document

Request and response examples:

Request body:

```
{  
  "objectId" : "DOCF003E00013DE2000000000168C36900000000",  
}
```


/GED/REPOSITION/DOCUMENT

Set a documents's position within it's container (folder, process, pin).

DTO structure on input

Key	Type	Significance
objectId	String	Id of document whose position is set
afterId	String	Id of document after which the document specified by <code>objectId</code> will be positioned. The 'first' position will be specified as document id with numeric 0. The 'last' position within it's parent will be specified as id with numeric 0x7FFFFFFF. The database numeric id will be ignored if 'first', or 'last' are requested

DTO structure on output

empty, `null` will be returned

Errors

- {InvalidInputBusinessException} - invalid `objectId` or `afterId`
- {InvalidInputBusinessException} - `afterId` specifies id within same document container as `objectId`
- {NotFoundpersistenceException} - `objectId` or `afterId` specify inexisnte objects
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "objectId" : "FCHF00CE0000000470000000AE0000037C00000000",
  "afterId" : "FCHF00CE0000000470000000AE0000037100000000"
}
```

Response body:

```
{  
  "result" : "ok",  
  "dtoOut" : {}  
}
```


/GED/PINOP/DOCUMENT

Pin a group of documents.

DTO structure on input

Key	Type	Significance
object	{Document}	the 'pin' document to initialize. This will be the resulting pin. On return it will be initialized with fields relevant to a 'create' operation
docsIds	List<String>	the list of documents to pin specified as id-s
parentId	String	the id of the folder or process where the 'pin' document will be created

DTO structure on output

Key	Type	Significance
object	{Document}	the resulting pin, with id initialized

Errors

- {InvalidInputBusinessException} - invalid `object.label`
- {InvalidInputBusinessException} - invalid `docsIds` (null, empty, or ids of non-document class objects)
- {InvalidInputBusinessException} - invalid `parentId`
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "object" : {
    "prefix" : "PINF",
    "id" : "PINF00CE0000000000000000000000000000",
    "label" : "pin",
    "formId" : "DFFR00CE00000000D000000000000000000000",
    "attributes" : [{
```

```

        "prefix" : "DFTY",
        "id" : "DFTY00CE0000000910000000000000000000000000",
        "typeId" : "DFTY00CE0000000010000000000000000000000000",
        "value" : "string"
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY00CE0000000940000000000000000000000000",
        "typeId" : "DFTY00CE0000000040000000000000000000000000",
        "value" : 1491771600000,
        "label" : "attr_date"
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY00CE0000000A400000000000000000000000000",
        "typeId" : "DFTY00CE0000000070000000000000000000000000",
        "value" : true,
        "label" : "attr_boolean"
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY00CE0000000920000000000000000000000000",
        "typeId" : "DFTY00CE0000000020000000000000000000000000",
        "value" : 1,
        "label" : "attr_integer"
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY00CE0000000930000000000000000000000000",
        "typeId" : "DFTY00CE0000000030000000000000000000000000",
        "value" : 1.999999999999999E9,
        "label" : "attr_float",
        "flags" : 0,
        "data" : null
    }
  ]
},
"docsIds" : ["FCHF00CE0000000470000000000000000000000000"],
"parentId" : "FLDR00CE0000000470000000000000000000000000"
}

```

Response body:

```

{
  "result" : "ok",
  "dtoOut" : {
    "objectId" : "PINF00CE0000000470000000AE00000000000000000"
  }
}

```

/GED/UNPINOP/DOCUMENT

Unpin pin/pinned documents.

DTO structure on input

Key	Type	Significance
docsIds	List<String>	a list of 'pin'/'pinned' documents to 'explode'/'extract'
parentId	String	the id of the folder or process where the 'pin' document will becreated

DTO structure on output

as hash-table will contain the <original id>-to-<new id> correspondence

Errors

- {InvalidInputBusinessException} - invalid docsIds
- {InvalidInputBusinessException} - invalid parentId
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "docsIds" : ["PINF00CE0000000470000000AE00000000000000000"]
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "PINF00CE0000000470000000AE00000000000000000" : "FCHF00CE0000000470000000000000378000000000"
  }
}
```

/GED/CREATE_FT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CHECKIN/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CHECKOUT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/COPY/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/COUNT/DOCUMENT/CHECKED_OUT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/DOCUMENT/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/DOCUMENT/CHECKED_OUT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/DOCUMENT/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GET/DOCUMENT/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/LOCK/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/MOVE_FT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GET_POSITION/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ_BY_UUID/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/REINDEX_FT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/RELOCATE/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE_FT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/RESTORE/DOCUMENT/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/REVERT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/TAG/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UNLOCK/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE_FT/DOCUMENT



Documentation not available in this release. Please contact SIATEL SA for support.

ARCHIVE

/GED/MOVE/ARCHIVE_ACTIVE

Move a list of objects specified by id from the archive part to the active part of the database.

DTO structure on input

Key	Type	Significance
list	List<String>	list containing objects id-s

DTO structure on output

null

Validation to perform

- {InvalidInputBusinessException} - invalid `list` or one of the elements in it. The database root id is considered invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- container objects (folders, pins) are moved recursively
- the operation is internally audited for each object
- the operation will handle only document database objects. Workflow objects are not supported

Request and response examples:

Request body:

```
{
  "list" : ["ARFL003E00185288000000000000000000000000"]
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {}
}
```

NOTE

/GED/CREATE_FT/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CREATE/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/MOVE/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/MOVE_FT/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/REINDEX_FT/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE_FT/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/NOTE



Documentation not available in this release. Please contact SIATEL SA for support.

OBJECT

/GED/AUTOPOSITION/OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CHECK/OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE_DISPLAY_PROFILE/OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

ACTION

/GED/CHECK/ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CONFIRM/ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

OBJECT_LINK

/GED/CHECK/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/COUNT/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CREATE/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/OBJECT_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

OBJECTS

/GED/CHECK/OBJECTS/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/COUNT/OBJECTS/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/OBJECTS/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/PASTE/OBJECTS



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/OBJECTS



Documentation not available in this release. Please contact SIATEL SA for support.

COMMENT

/GED/COUNT/COMMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CREATE/COMMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/COMMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/COMMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/COMMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/COMMENT



Documentation not available in this release. Please contact SIATEL SA for support.

VALIDATION_CYCLE

/GED/COUNT/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GET/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/SET/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/START/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/STOP/VALIDATION_CYCLE



Documentation not available in this release. Please contact SIATEL SA for support.

FAVORITE

/GED/COUNT/FAVORITE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CREATE/FAVORITE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/FAVORITE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/FAVORITE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/REMOVE_FROM/FAVORITE



Documentation not available in this release. Please contact SIATEL SA for support.

OBJECT_REFERENCE

/GED/COUNT/OBJECT_REFERENCE



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/OBJECT_REFERENCE



Documentation not available in this release. Please contact SIATEL SA for support.

VERSION

/GED/COUNT/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/CREATE/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/VERSION/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/VERSION/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GET/VERSION/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/MOVE/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/RESTORE/VERSION/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/VERSION



Documentation not available in this release. Please contact SIATEL SA for support.

EXPIRABLE_DOWNLOAD_LINK

/GED/CREATE/EXPIRABLE_DOWNLOAD_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/DELETE/EXPIRABLE_DOWNLOAD_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/ENUMERATE/EXPIRABLE_DOWNLOAD_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/EXPIRABLE_DOWNLOAD_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/EXPIRABLE_DOWNLOAD_LINK



Documentation not available in this release. Please contact SIATEL SA for support.

FOLDER_HIERARCHY

/GED/CREATE/FOLDER_HIERARCHY



Documentation not available in this release. Please contact SIATEL SA for support.

PIN

/GED/CREATE/PIN



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/MOVE/PIN



Documentation not available in this release. Please contact SIATEL SA for support.

ARCHIVED_OBJECT

/GED/DELETE/ARCHIVED_OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

WORKSPACE_ASSIGNMENT

/GED/DELETE/WORKSPACE_ASSIGNMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/GENERATE/WORKSPACE_ASSIGNMENT



Documentation not available in this release. Please contact SIATEL SA for support.

CLASS_ELEMENT

/GED/ENUMERATE/CLASS_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/READ/CLASS_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/RENDER_PARENT/CLASS_ELEMENT



Documentation not available in this release. Please contact SIATEL SA for support.

LIFECYCLE_JOB

/GED/ENUMERATE/LIFECYCLE_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/QUERY/LIFECYCLE_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/UPDATE/LIFECYCLE_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

WORKSPACE_USER

/GED/ENUMERATE/WORKSPACE_USER



Documentation not available in this release. Please contact SIATEL SA for support.

CONTENT_TIMESTAMP

/GED/GET/CONTENT_TIMESTAMP



Documentation not available in this release. Please contact SIATEL SA for support.

DISTRIBUTION_LIST

/GED/GET/DISTRIBUTION_LIST



Documentation not available in this release. Please contact SIATEL SA for support.

/GED/SET/DISTRIBUTION_LIST



Documentation not available in this release. Please contact SIATEL SA for support.

LIST_PDF

/GED/GET/LIST_PDF/TRASH



Documentation not available in this release. Please contact SIATEL SA for support.

ACTIVE_ARCHIVE

/GED/MOVE/ACTIVE_ARCHIVE



Documentation not available in this release. Please contact SIATEL SA for support.

ARCHIVE_ACTIVE

/GED/MOVE/ARCHIVE_ACTIVE



Documentation not available in this release. Please contact SIATEL SA for support.

ID

/GED/REBUILD/ID



Documentation not available in this release. Please contact SIATEL SA for support.

DATABASE

/GED/REINDEX_FT/DATABASE



Documentation not available in this release. Please contact SIATEL SA for support.

DOC_ATTRIBUTES

/GED/GET/DOC_ATTRIBUTES



Documentation not available in this release. Please contact SIATEL SA for support.

FLOW SERVICE

INBOX

/FLOW/QUERY/INBOX/GROUPED

Request and response examples:

Request body:

```
{
  "locale" : "en",
  "location" : "INBOX",
  "flags" : 3658075221065739,
  "byConnection" : true,
  "groupBy" : "PRIORITY",
  "count" : -1,
  "offset" : 0,
  "role" : "EXECUTOR"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "key" : "${priority.critical}",
      "value" : []
    }, {
      "key" : "${priority.important}",
      "value" : []
    }, {
      "key" : "${priority.high}",
      "value" : []
    }, {
      "key" : "${priority.normal}",
      "value" : [{
        "prefix" : "TASK",
        "id" : "TASK00020000000040000000080000000000000000",
        "label" : "tâche (1)",
        "ownerId" : null,
        "flags" : 256,
        "dateC" : null,
        "dateM" : null,

```

```

        "description" : null,
        "dateA" : null,
        "dateS" : 1473411779982,
        "dateE" : null,
        "dateD" : null,
        "overdue" : false,
        "dateX" : null,
        "status" : 224,
        "actorId" : "ROLE000000000000100000000000000000000000",
        "executorId" : "USER000000000000100000000000000000000000",
        "location" : 0,
        "subject" : null,
        "priority" : 3,
        "processLabel" : "simplu moy 2131",
        "formPage" : "test1",
        "formId" : "VDFR00020000000020000000300000000000000000",
        "managerId" : null
    }, {
        "prefix" : "TASK",
        "id" : "TASK0002000000002000000001000000000000000000",
        "label" : "tâche (1)",
        "ownerId" : null,
        "flags" : 256,
        "dateC" : null,
        "dateM" : null,
        "description" : null,
        "dateA" : null,
        "dateS" : 1473403545696,
        "dateE" : null,
        "dateD" : null,
        "overdue" : false,
        "dateX" : null,
        "status" : 224,
        "actorId" : "ROLE000000000000100000000000000000000000",
        "executorId" : "USER000000000000100000000000000000000000",
        "location" : 0,
        "subject" : null,
        "priority" : 3,
        "processLabel" : "simplu moy",
        "formPage" : "test1",
        "formId" : "VDFR00020000000020000000300000000000000000",
        "managerId" : null
    }, {
        "prefix" : "TASK",
        "id" : "TASK0002000000007000000007000000000000000000",
        "label" : "tâche (1)",
        "ownerId" : null,

```

```
        "flags" : 256,  
        "dateC" : null,  
        "dateM" : null,  
        "description" : null,  
        "dateA" : null,  
        "dateS" : 1473403474218,  
        "dateE" : null,  
        "dateD" : null,  
        "overdue" : false,  
        "dateX" : null,  
        "status" : 224,  
        "actorId" : "ROLE000000000000100000000000000000000000",  
        "executorId" : "USER000000000000100000000000000000000000",  
        "location" : 0,  
        "subject" : null,  
        "priority" : 3,  
        "processLabel" : "simplu moy 9 sept",  
        "formPage" : "test1",  
        "formId" : "VDFR00020000000020000000030000000000000000",  
        "managerId" : null  
    ]]  
}, {  
    "key" : "${priority.low}",  
    "value" : []  
}, {  
    "key" : "${priority.lowest}",  
    "value" : []  
}]  
}  
}
```

/FLOW/GET_SUMMARY/INBOX



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/REPORT/INBOX/DIRTY



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS

/FLOW/CREATE/PROCESS

Create a process. This functionality is more like creating a new “draft” message before sending it.

DTO structure on input

Key	Type	Significance
object	{com.siatel.domain.Process}	the object to create

DTO structure on output

Key	Type	Significance
object	{com.siatel.domain.Process}	the same object passed in the input dto but initialized with id and other first time initialization relevant members set

Errors

- {InvalidInputBusinessException} - invalid `object.definitionId` or `object.formId`
- {NotFoundPersistenceException} - one of the objects specified by `object.definitionId` or `object.formId` do not exist
- {ObjectNotReadyBusinessException} - one of the objects specified by `object.definitionId` or `object.formId` are not deployed

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
```

Response body:

```
{  
    "result" : "ok",  
    "dtoOut" : {  
        "objectId" : "PROC00020000001300000000000000000000000000",  
        "dateC" : 1493211266786  
    }  
}
```

Request and response examples:

```
"dtoOut" : {  
  "object" : {  
    "prefix" : "PROC",  
    "id" : "PROC000200000010000000000000000000000000",  
    "definitionId" : "VDPR0002000000030000000500000000000000",  
    "securityMask" : 0  
  }  
}  
}
```

/FLOW/UPDATE/PROCESS

Update a process.

DTO structure on input (to {Command#invoke})

Key	Type	Significance
object	{com.siatel.domain.Process}	the object to update, must have the id field set, along with the fields to update
flags	{com.siatel.domain.Flag}	combination of Process object field flags
formPage	String	the name of the form page used for custom layout forms when the update command was invoked. If not specified then the default page it is assumed in case form is still custom layout

DTO structure on output (from {Command#invoke})

Key	Type	Significance
object	{com.siatel.domain.Process}	the same object passed in the input dto

Errors

- {InvalidInputBusinessException} - input object.id is invalid
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
```

Response body:

```
{  
    "result" : "ok",  
    "dtoOut" : {  
        "objectId" : "PROC0002000000160000000000000000000000000000",  
        "dateM" : 1493215940245  
    }  
}
```

/FLOW/DELETE/PROCESS

Delete a process.

DTO structure on input

Key	Type	Significance
objectId	{String}	the id of the object to delete

DTO structure on output

null

Errors

- {InvalidInputBusinessException} - invalid `objectId`
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "objectId" : "PROC00020000001200000000000000000000000000"
}
```

Response body:

```
{
  "result" : "ok"
}
```

/FLOW/ENUMERATE/PROCESS

Request and response examples:

Request body:

```
{
  "flags" : 21953991680160655,
  "byConnection" : true,
  "criteriaIds" : ["DRAFTS"],
  "offset" : 0,
  "count" : -1,
  "role" : "EXECUTOR"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "PROC",
      "id" : "PROC00CC00000000400000000000000000000000",
      "label" : "Issue 18927",
      "ownerId" : "USER000000000000100000000000000000000000",
      "flags" : 0,
      "dateC" : 1491916295621,
      "dateM" : 1491916295621,
      "dateA" : 1491916295621,
      "formId" : "VDFR00CC0000000070000000140000000000000000",
      "dateS" : null,
      "dateE" : null,
      "fileId" : "FILE00CC7FFFFFFF00000000100000001000068B1.spd",
      "dateD" : null,
      "overdue" : false,
      "dateX" : null,
      "managerId" : "ROLE000000000000300000000000000000000000",
      "definitionId" : "VDPR00CC00000000200000002000000000000000",
      "status" : 0,
      "priority" : 3,
      "refCount" : 0,
      "runtimeState" : "${state.zero}",
      "runtimeFileId" : "FILE00CC7FFFFFFF000000001000000010003738F.dto",
      "startPoint" : "start (1)",
      "formPage" : null,
      "draftFormPage" : null,
      "securityMask" : 0,
    ]
  }
}
```

```

    "profileId" : null,
    "parentProcessId" : null,
    "securityProfileId" : "SECP00CC00000000200000000000000000000000",
    "modifiedBy" : null,
    "attributes" : [{
        "prefix" : "DFAT",
        "id" : "DFAT00CC0000000690000000000000000000000000",
        "typeId" : "DFTY00CC0000000040000000000000000000000000",
        "value" : null,
        "label" : "d",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CC00000006C0000000000000000000000000",
        "typeId" : "DFTY00CC0000000010000000000000000000000000",
        "value" : null,
        "label" : "s",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CC0000000650000000000000000000000000",
        "typeId" : "DFTY00CC0000000050000000000000000000000000",
        "value" : null,
        "label" : "w",
        "flags" : 0,
        "data" : null
    }
  ]
}

```

/FLOW/START/PROCESS

Start a process. The process must have been previously created (like a draft).

DTO structure on input

Key	Type	Significance
objectId	{String}	the id of the process to start
startPoint	{String}	the process start point

DTO structure on output (from {Command#invoke})

null

Errors

- {InvalidInputBusinessException} - invalid `objectId`
- {InvalidInputBusinessException} - process specified by `objectId` does not exist
- {DeniedSecurityException} - security context does not allow operation for caller

Notes

- the operation is internally audited

Request and response examples:

Request body:

```
{
  "objectId" : "PROC00020000001300000000000000000000000000",
  "startPoint" : "start (1)"
}
```

Response body:

```
{
  "result" : "ok"
  "dtoOut" : {
  }
}
```

/FLOW/COUNT/PROCESS/FILTERED

Request and response examples:

Request body:

```
{
  "processLabel" : "",
  "dateS2" : "",
  "dateS1" : "",
  "databaseId" : "DATA00020000000000000000000000000000",
  "criteriaIds" : ["RUNNING"],
  "dateE2" : "",
  "dateE1" : ""
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "result" : 10
  }
}
```

/FLOW/CANCEL/PROCESS



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/COUNT/PROCESS/BLOCKED



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/ENUMERATE/PROCESS/BLOCKED



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/ENUMERATE/PROCESS/FILTERED



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS_START_POINT

/FLOW/ENUMERATE/PROCESS_START_POINT

Request and response examples:

Request body:

```
{
  "locale" : "en",
  "byConnection" : true
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "assignments" : [{
      "prefix" : "ASUS",
      "id" : "ASUS00027FFFFFFF000000001000000000000000",
      "data" : "démarrage (1)"
    }, {
      "prefix" : "ASUS",
      "id" : "ASUS00CC7FFFFFFF000000002000000000000000",
      "data" : "start (1)"
    }, {
      "prefix" : "ASUS",
      "id" : "ASUS00D47FFFFFFF000000001000000000000000",
      "data" : "start (1)"
    }
  ],
  "list" : [{
    "prefix" : "DFPR",
    "id" : "DFPR000200000001000000000000000000000000",
    "label" : "simply moy",
    "description" : ""
  }, {
    "prefix" : "DFPR",
    "id" : "DFPR00CC00000002000000000000000000000000",
    "label" : "Issue 18927",
    "description" : ""
  }, {
    "prefix" : "DFPR",
    "id" : "DFPR00D400000001000000000000000000000000",
    "label" : "proc for anonymous",
    "description" : ""
  }
  ],
  "startpoints" : ["démarrage (1)", "start (1)", "start (1)"]
}
```

```
}
```

TASK

/FLOW/READ/TASK

Request and response examples:

Request body:

```
{
  "flags" : 280375500537867,
  "objectId" : "TASK000200000010000000110000000000000000"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "TASK",
      "id" : "TASK000200000010000000110000000000000000",
      "label" : "task (1)",
      "flags" : 0,
      "dateS" : 1491999555125,
      "dateD" : null,
      "overdue" : false,
      "dateX" : null,
      "status" : 192,
      "actorId" : "ROLE000000000000100000000000000000000000",
      "executorId" : null,
      "location" : 0,
      "subject" : null,
      "priority" : 3,
      "processLabel" : "123",
      "formPage" : "",
      "formId" : "VDFR000200000001000000010000000000000000"
    }
  }
}
```

/FLOW/ENUMERATE/TASK

Request and response examples:

Request body:

```
{
  "locale" : "en",
  "location" : "INBOX",
  "flags" : 3658075221065739,
  "byConnection" : true,
  "count" : -1,
  "offset" : 0,
  "role" : "EXECUTOR"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "TASK",
      "id" : "TASK000200000004000000080000000000000000",
      "label" : "tâche (1)",
      "flags" : 256,
      "dateS" : 1473411779982,
      "dateD" : null,
      "overdue" : false,
      "dateX" : null,
      "status" : 224,
      "actorId" : "ROLE0000000000010000000000000000000000",
      "executorId" : "USER0000000000010000000000000000000000",
      "location" : 0,
      "subject" : null,
      "priority" : 3,
      "processLabel" : "test process 01",
      "formPage" : "test1",
      "formId" : "VDFR000200000002000000030000000000000000"
    }, {
      "prefix" : "TASK",
      "id" : "TASK000200000002000000010000000000000000",
      "label" : "tâche (1)",
      "flags" : 256,
      "dateS" : 1473403545696,
      "dateD" : null,
      "overdue" : false,
```

```

        "dateX" : null,
        "status" : 224,
        "actorId" : "ROLE000000000000100000000000000000000000",
        "executorId" : "USER000000000000100000000000000000000000",
        "location" : 0,
        "subject" : null,
        "priority" : 3,
        "processLabel" : "test process 02",
        "formPage" : "test1",
        "formId" : "VDFR00020000000020000000300000000000000000"
    }, {
        "prefix" : "TASK",
        "id" : "TASK00020000000070000000700000000000000000",
        "label" : "tâche (1)",
        "flags" : 256,
        "dateS" : 1473403474218,
        "dateD" : null,
        "overdue" : false,
        "dateX" : null,
        "status" : 224,
        "actorId" : "ROLE000000000000100000000000000000000000",
        "executorId" : "USER000000000000100000000000000000000000",
        "location" : 0,
        "subject" : null,
        "priority" : 3,
        "processLabel" : "test process 03",
        "formPage" : "test1",
        "formId" : "VDFR00020000000020000000300000000000000000"
    }
}
}

```

Request body:

```

{
    "filter" : "simple",
    "locale" : "en",
    "location" : "INBOX",
    "flags" : 3658075221065739,
    "byConnection" : true,
    "count" : -1,
    "offset" : 0,
    "role" : "EXECUTOR"
}

```

Response body:

```

{

```

```
"result" : "ok",
"dtoOut" : {
  "list" : [{
    "prefix" : "TASK",
    "id" : "TASK000200000016000000014000000000000000",
    "label" : "tâche (1)",
    "flags" : 256,
    "dateS" : 1493216667747,
    "dateD" : null,
    "overdue" : false,
    "dateX" : null,
    "status" : 192,
    "actorId" : "ROLE0000000000001000000000000000000000",
    "executorId" : null,
    "location" : 0,
    "subject" : null,
    "priority" : 3,
    "processLabel" : "simple test",
    "formPage" : "test1",
    "formId" : "VDFR0002000000020000000300000000000000"
  ]},
  "id2permission" : {
    "PROC000200000016000000000000000000000000" : true
  }
}
```

/FLOW/DEASSIGN/TASK

Request and response examples:

Request body:

```
{  
  "objectId" : "TASK000200000011000000120000000000000000"  
}
```

Response body:

```
{  
  "result" : "ok",  
}
```

/FLOW/ACCEPT/TASK

Request and response examples:

Request body:

```
{  
  "objectId" : "TASK000200000013000000130000000000000000"  
}
```

Response body:

```
{  
  "result" : "ok",  
}
```

Response body:

```
{  
  "result" : "fail",  
  "error" : "OutOfDateBusinessException",  
  "message" : "updateTask"  
}
```

/FLOW/ASSIGN/TASK

Request and response examples:

Request body:

```
{  
  "objectId" : "TASK000200000011000000120000000000000000",  
  "userId" : "USER0000000000A6000000000000000000000000"  
}
```

Response body:

```
{  
  "result" : "ok",  
}
```

/FLOW/CANCEL/TASK

Request and response examples:

Request body:

```
{  
  "objectId" : "TASK000200000013000000130000000000000000"  
}
```

Response body:

```
{  
  "result" : "ok",  
}
```

/FLOW/QUIT/TASK

Request and response examples:

Request body:

```
{  
  "objectId" : "TASK000200000013000000130000000000000000"  
}
```

Response body:

```
{  
  "result" : "ok",  
}
```

Response body:

```
{  
  "result" : "fail",  
  "error" : "OutOfDateBusinessException",  
  "message" : "quitTask"  
}
```

/FLOW/ACTIVATE/TASK/INVALID



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/COUNT/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/CREATE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/ENUMERATE/TASK/INVALID



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/ENUMERATE/TASK/BY_PROC_DEF



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/EXPIRE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/FINISH/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/POSTPONE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/REACTIVATE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/START/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/SET_FORM_ID/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/SET_FORM_PAGE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/CHOOSE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/UPDATE/TASK



Documentation not available in this release. Please contact SIATEL SA for support.

EVENT

/FLOW/COUNT/EVENT



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/ENUMERATE/EVENT



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/CREATE/EVENT



Documentation not available in this release. Please contact SIATEL SA for support.

COUNT_PROCS

/FLOW/PING/COUNT_PROCS



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/REPORT/COUNT_PROCS



Documentation not available in this release. Please contact SIATEL SA for support.

TASK_ACTION

/FLOW/ENUMERATE/TASK_ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

PROCESS_DEFINITION

/FLOW/ENUMERATE/PROCESS_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/RENDER/PROCESS_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

DELAY

/FLOW/RENDER/DELAY



Documentation not available in this release. Please contact SIATEL SA for support.

COUNT_TASKS

/FLOW/REPORT/COUNT_TASKS/BY_TASK



Documentation not available in this release. Please contact SIATEL SA for support.

/FLOW/REPORT/COUNT_TASKS/BY_USER



Documentation not available in this release. Please contact SIATEL SA for support.

DURATION_PROCS

/FLOW/REPORT/DURATION_PROCS



Documentation not available in this release. Please contact SIATEL SA for support.

MISC SERVICE

/MISC/CONVERT_TO_HTML

Convert a file to HTML so that it can be displayed in the browser.

DTO structure on input

Key	Type	Significance
objectId	String	the id of an object which will be used to audit the operation, if specified (this parameter is optional)
fileId	String	the id of a storage-located file to convert. Either <code>fileId</code> or the <code>fileStream-fileName</code> pair must be specified
fileStream	InputStream	the stream of the content of the file to convert. Either <code>fileId</code> or the <code>fileStream-fileName</code> pair must be specified
fileName	String	the name of the file to convert. Either <code>fileId</code> or the <code>fileStream-fileName</code> pair must be specified

DTO structure on output

Key	Type	Significance
fileOut	String	the full path of the resulting conversion file as built by the conversion support. This path is on the server and is consequently usable only to server-side entities
success	Boolean	true if HTML conversion was successful

Errors

- {InvalidInputBusinessException} - neither `fileId` nor the `fileStream-fileName` were specified

- {InvalidInputBusinessException} - if `fileId` specified then it is subsequent validation does not succeed (e.g. file not found)

Notes

- the `fileStream-fileName` pair take precedence over `fileId` if both specified.
- the INSO HTML conversion engine must be installed and properly configured in order for this to work correctly.

Request and response examples:

Request body:

```
{
  "objectId" : "FILE00CE000000000000000100000001000373DC.jpg",
  "fileId" : "FILE00CE000000000000000100000001000373DC.jpg",
  "annotations" : ""
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "fileOut" : "Q:\\\\SIATEL\\7.10\\temp\\FILE00CE000000000000000100000001000373DC.jpg.html",
    "success" : true
  }
}
```

/MISC/SEND_MAIL

Send documents by mail.

DTO structure on input

Key	Type	Significance
action	String	"0" means use "object" key to get a {com.siatel.domain.mail.MailMessage} to use."1" means all the message parameters and attachments are supplied in this DTO.
object	{com.siatel.domain.mail.MailMessage}	the e-mail message already wrapped as an instance of this class. Relevant when action is "0"
to	String	the e-mail addresses to use in the "to" field of the e-mail message, separated by " " (blank) "," (comma) or ";" (semicolon)
cc	String	the e-mail addresses to use in the "cc" field of the e-mail message, separated by " " (blank) "," (comma) or ";" (semicolon)
subject	String	the subject field of the e-mail message
message	String	the body of the e-mail message
readReceipt	String	"1" to request read receipts
objectList	List<String>	the list of objects (normally documents) to attach to email or link in the email body

DTO structure on output

Key	Type	Significance
-----	------	--------------

Errors

- {InvalidInputBusinessException} - neither the whole message is supplied in the dto "object" field nor the message fields are specified in the dto

- {InvalidInputBusinessException} - the email addresses field is not valid

Notes

- the sender of the email is the server, but the identity of the connected user is also visible in "sender" field of the sent message
- security may render inaccessible some of the objects to be sent as attachments. These will be sent as links in the message. Clicking these linkswill redirect the user to the database location of the linked object

Request and response examples:

Request body:

```
{
  "objectList" : [],
  "subject" : "new name for create/démarrage (1)",
  "message" : "test",
  "readReceipt" : "",
  "to" : "masterelf@mycompany.com",
  "cc" : "",
  "usessl" : "0",
  "senderPrefix" : "Gargantua Server on behalf of {0}"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {}
}
```

/MISC/SIGN/DOCUMENT

Request and response examples:

Request body:

```
{
  "objectId" : "DOCF00CE000000470000000000000037200000000",
  "eyOrigin" : "",
  "@audit" : true,
  "signatureType" : "signature.type.certified",
  "password" : "",
  "pxOrigin" : "0",
  "certificatePath" : "",
  "eWidth" : "",
  "pHeight" : "280",
  "signatureFileId" : "FILE00007FFFFFFFFF000000010000000100037399.jpgcr",
  "allPages" : false,
  "pOrigHeight" : "748",
  "eOrigWidth" : "",
  "pOrigWidth" : "1124",
  "pyOrigin" : "464",
  "eHeight" : "",
  "signAction" : "CREATE_MAJOR",
  "exOrigin" : "",
  "visualSignatureType" : "signature.type.physical",
  "pWidth" : "281",
  "ePageNumber" : "1",
  "pPageNumber" : "1",
  "reason" : "",
  "changesAllowed" : false,
  "eOrigHeight" : ""
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "DOCF",
      "id" : "DOCF00CE000000470000000000000037200000000",
      "label" : "1",
      "ownerId" : "USER000000000001000000000000000000000000",
      "flags" : 513,
      "dateC" : 1493022081964,
      "dateM" : 1493022082275,
    }
  }
}
```

```

"dateA" : 1493022082275,
"formId" : "DFFR00CE00000000D00000000000000000000000",
"dateS" : null,
"dateE" : null,
"icon" : 7,
"uuid" : null,
"stateId" : null,
"securityMask" : 0,
"deleted" : false,
"dateDel" : null,
"deleteBy" : 0,
"fileId" : "FILE00CE000000000000000100000001000373E2.pdf",
"fileSize" : 254761,
"fileType" : "TXT",
"linkedId" : null,
"ocrFileId" : null,
"version" : 17179869184,
"lockedBy" : null,
"dateL" : null,
"validMillis" : null,
"lockType" : -1,
"formPage" : null,
"tags" : 0,
"validity" : 0,
"validationDate" : null,
"expireDate" : null,
"publishedDate" : null,
"locked" : false,
"validatedBy" : null,
"modifiedBy" : "USER000000000000100000000000000000000000",
"requestedBy" : null,
"securityProfileId" : null,
"uuidstring" : null,
"attributes" : [{
  "prefix" : "DFAT",
  "id" : "DFAT00CE0000000910000000000000000000000000",
  "typeId" : "DFTY00CE00000001000000000000000000000000",
  "value" : "1",
  "label" : "attr_string",
  "flags" : 0,
  "data" : null
}, {
  "prefix" : "DFAT",
  "id" : "DFAT00CE0000000940000000000000000000000000",
  "typeId" : "DFTY00CE00000004000000000000000000000000",
  "value" : 1491858000000,
  "label" : "attr_date",

```

```

        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009700000000000000000000000000",
        "typeId" : "DFTY00CE0000000C000000000000000000000000",
        "value" : 111100,
        "label" : "attr_timeofday",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009A00000000000000000000000000",
        "typeId" : "DFTY00CE0000000E000000000000000000000000",
        "value" : null,
        "label" : "attr_textarea",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009D00000000000000000000000000",
        "typeId" : "DFTY00CE00000010000000000000000000000000",
        "value" : null,
        "label" : "attr_userlist",
        "flags" : 0,
        "data" : "[flags,@11][marker,N][type,@i16]"
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE000000A000000000000000000000000000",
        "typeId" : "DFTY00CE00000016000000000000000000000000",
        "value" : null,
        "label" : "attr_doctemplatelist",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE000000A400000000000000000000000000",
        "typeId" : "DFTY00CE00000007000000000000000000000000",
        "value" : true,
        "label" : "attr_boolean",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009B00000000000000000000000000",
        "typeId" : "DFTY00CE00000018000000000000000000000000",
        "value" : 3,

```

```

        "label" : "attr_counter",
        "flags" : 0,
        "data" : "[reset.field,V][start,@11][reset.value,2147483647][reset.operator,@i2][reset.value,@i3]"
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009200000000000000000000000000",
        "typeId" : "DFTY00CE00000002000000000000000000000000",
        "value" : 1,
        "label" : "attr_integer",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009500000000000000000000000000",
        "typeId" : "DFTY00CE0000000B000000000000000000000000",
        "value" : 1491858000000,
        "label" : "attr_timestamp",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009800000000000000000000000000",
        "typeId" : "DFTY00CE00000015000000000000000000000000",
        "value" : 1000000,
        "label" : "attr_timedelay",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009E00000000000000000000000000",
        "typeId" : "DFTY00CE00000012000000000000000000000000",
        "value" : null,
        "label" : "attr_grouplist",
        "flags" : 0,
        "data" : "[flags,@11][marker,N][type,@i18]"
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE000000A100000000000000000000000000",
        "typeId" : "DFTY00CE00000017000000000000000000000000",
        "value" : null,
        "label" : "attr_emailtemplatelist",
        "flags" : 0,
        "data" : "[expression,]"
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE000000A500000000000000000000000000",
        "typeId" : "DFTY00CE00000001000000000000000000000000",

```

```

        "value" : "11/04/2017",
        "label" : "attr_string_valoaredinregula",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009300000000000000000000000000",
        "typeId" : "DFTY00CE00000003000000000000000000000000",
        "value" : 1.0,
        "label" : "attr_float",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009900000000000000000000000000",
        "typeId" : "DFTY00CE0000000A000000000000000000000000",
        "value" : 10000,
        "label" : "attr_currency",
        "flags" : 0,
        "data" : "[position,@bfalse][precision,2][currency,RON][separator,.]"
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE0000009F00000000000000000000000000",
        "typeId" : "DFTY00CE00000001100000000000000000000000",
        "value" : null,
        "label" : "attr_rolelist",
        "flags" : 0,
        "data" : "[flags,@11][marker,N][type,@i17]"
    }, {
        "prefix" : "DFAT",
        "id" : "DFAT00CE000000A300000000000000000000000000",
        "typeId" : "DFTY00CE0000000A200000000000000000000000",
        "value" : "item3",
        "label" : "attr_listacustom",
        "flags" : 0,
        "data" : null
    }
  ]
}

```

DOCUMENT

/MISC/CERTIFY/DOCUMENT

Request and response examples:

Request as multipart POST data:

POST field 'cmdJson' contains the json for the command (either as upload file or as form POST parameter):

```
{
  "objectId" : "DOCF0001000000001000000000000000AC00000000",
  "reason" : "testing",
  "signatureType" : "signature.type.certified",
  "visualSignatureType" : "signature.type.physical.and.electronic",
  "password" : "s3cr3t",
  "pPageNumber" : "1",
  "pxOrigin" : "1500",
  "pyOrigin" : "2000",
  "pWidth" : "300",
  "pHeight" : "200",
  "pOrigWidth" : "2100",
  "pOrigHeight" : "2970",
  "ePageNumber" : "1",
  "exOrigin" : "1500",
  "eyOrigin" : "2400",
  "eWidth" : "300",
  "eHeight" : "200",
  "eOrigWidth" : "2100",
  "eOrigHeight" : "2970",
  "signatureFileId" : "FILE00007FFFFFFFFF00000000100000001000008E0.jpgcr"
}
```

POST field 'certificatePath' contains the certificate file to upload (the actual file, as POST-ed upload part of the multipart)

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "DOCF",
      "id" : "DOCF0001000000001000000000000000AC00000000",
      "ownerId" : "USER000000000000100000000000000000000000",
      ...
    }
  }
}
```

/MISC/SIGN/DOCUMENT

Request and response examples:

Request as multipart POST data:

POST field 'cmdJson' contains the json for the command:

```
{
  "objectId" : "DOCF0001000000001000000000000000A9000000000",
  "reason" : "Explanation goes here",
  "changesAllowed" : true,
  "password" : "s3cr3t"
}
```

POST field 'certificatePath' contains the certificate file to upload (the actual file, as POST-ed upload part of the multipart)

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "DOCF",
      "id" : "DOCF0001000000001000000000000000A9000000000",
      "ownerId" : "USER000000000000100000000000000000000000000",
      ...
    }
  }
}
```

ASYNC_JOB

/MISC/CHECK_AVAILABLE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CONFIRM/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/COUNT/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CREATE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/ENUMERATE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/GET_FILE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/SUSPEND/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/READ/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/RESUME/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/SET_FILE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/START/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/STOP/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/UPDATE/ASYNC_JOB



Documentation not available in this release. Please contact SIATEL SA for support.

NOTIFICATION_DEFINITION

/MISC/CHECK/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/COUNT/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CREATE/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/ENUMERATE/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/READ/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/UPDATE/NOTIFICATION_DEFINITION



Documentation not available in this release. Please contact SIATEL SA for support.

PDF_FILE

/MISC/CHECK/PDF_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CREATE/PDF_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/PDF_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/READ/PDF_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/SAVE/PDF_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

NOTIFICATION

/MISC/COUNT/NOTIFICATION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CREATE/NOTIFICATION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/NOTIFICATION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/ENUMERATE/NOTIFICATION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/READ/NOTIFICATION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/UPDATE/NOTIFICATION



Documentation not available in this release. Please contact SIATEL SA for support.

THUMB

/MISC/CREATE/THUMB



Documentation not available in this release. Please contact SIATEL SA for support.

USER_CERTIFICATE

/MISC/CREATE/USER_CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/USER_CERTIFICATE



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG

DEBUG_MAIL_ATTACHMENT

/MISC/CONVERT_TO_IMAGE/DEBUG_MAIL_ATTACHMENT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/GET/DEBUG_MAIL_ATTACHMENT



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTING_LOG_ENTRY

/MISC/ENUMERATE/DEBUG_SCRIPTING_LOG_ENTRY



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_FUNCTION

/MISC/ENUMERATE/DEBUG_SCRIPTOR_FUNCTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_PROCESS_RUNTIME

/MISC/EVALUATE/DEBUG_PROCESS_RUNTIME



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_EXIT_ACTION

/MISC/EVALUATE/DEBUG_SCRIPTOR_EXIT_ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_EXPRESSION

/MISC/EVALUATE/DEBUG_SCRIPTOR_EXPRESSION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_GO_ACTION

/MISC/EVALUATE/DEBUG_SCRIPTOR_GO_ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_STEP_INTO_ACTION

/MISC/EVALUATE/DEBUG_SCRIPTOR_STEP_INTO_ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_STEP_OUT_ACTION

/MISC/EVALUATE/DEBUG_SCRIPTOR_STEP_OUT_ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_STEP_OVER_ACTION

/MISC/EVALUATE/DEBUG_SCRIPTOR_STEP_OVER_ACTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_EXIT_TASK

/MISC/DELETE/DEBUG_EXIT_TASK



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPT_EXCEPTIONS

/MISC/CLEANUP/DEBUG_SCRIPT_EXCEPTIONS



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_PROCESS_SNAPSHOT

/MISC/CANCEL/DEBUG_PROCESS_SNAPSHOT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CHECK/DEBUG_PROCESS_SNAPSHOT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CREATE/DEBUG_PROCESS_SNAPSHOT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/REVERT/DEBUG_PROCESS_SNAPSHOT



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SESSION

/MISC/CANCEL/DEBUG_SESSION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CREATE/DEBUG_SESSION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/FINISH/DEBUG_SESSION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/UPDATE/DEBUG_SESSION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_CONTEXT

/MISC/CHECK_AVAILABLE/DEBUG_CONTEXT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/SWITCH/DEBUG_CONTEXT



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_MAIL_MESSAGES

/MISC/ACCEPT/DEBUG_MAIL_MESSAGES



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CANCEL/DEBUG_MAIL_MESSAGES



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/ENUMERATE/DEBUG_MAIL_MESSAGES



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/QUIT/DEBUG_MAIL_MESSAGES



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/REACTIVATE/DEBUG_MAIL_MESSAGES



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_CONVERT_TO_IMAGE

/MISC/CONVERT_TO_IMAGE/DEBUG_CONVERT_TO_IMAGE



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_IMPERSONATED_CONNECTION

/MISC/CREATE/DEBUG_IMPERSONATED_CONNECTION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/DEBUG_IMPERSONATED_CONNECTION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_LAUNCH

/MISC/CREATE/DEBUG_LAUNCH



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/CANCEL/DEBUG_LAUNCH



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_BREAKPOINT

/MISC/CREATE/DEBUG_SCRIPTOR_BREAKPOINT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/DEBUG_SCRIPTOR_BREAKPOINT



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_SCRIPTOR_SNAPSHOT

/MISC/CREATE/DEBUG_SCRIPTOR_SNAPSHOT



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_WATCHED_EXPRESSION

/MISC/CREATE/DEBUG_WATCHED_EXPRESSION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/DELETE/DEBUG_WATCHED_EXPRESSION



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/UPDATE/DEBUG_WATCHED_EXPRESSION



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_BLOCKED_PROCESS

/MISC/ENUMERATE/DEBUG_BLOCKED_PROCESS



Documentation not available in this release. Please contact SIATEL SA for support.

DEBUG_TRIGGER_TASK

/MISC/ACCEPT/DEBUG_TRIGGER_TASK



Documentation not available in this release. Please contact SIATEL SA for support.

EVENT

/MISC/ENUMERATE/EVENT



Documentation not available in this release. Please contact SIATEL SA for support.

SERVER_LOG

/MISC/READ/SERVER_LOG



Documentation not available in this release. Please contact SIATEL SA for support.

EMAIL_ENUMERATOR

/MISC/PING/EMAIL_ENUMERATOR



Documentation not available in this release. Please contact SIATEL SA for support.

WATERMARK

/MISC/EVALUATE/WATERMARK



Documentation not available in this release. Please contact SIATEL SA for support.

—

/MISC/EXPORT/_/EXP_CLOSE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/EXPORT/_/EXP_FOLDERADD



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/EXPORT/_/EXP_FOLDERDELETE



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/EXPORT/_/EXP_INIT



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/EXPORT/_/EXP_JUKE_CANCELFILEIDS



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/EXPORT/_/EXP_JUKE_FILEIDS



Documentation not available in this release. Please contact SIATEL SA for support.

/MISC/EXPORT/_/EXP_JUKE_PREPARE



Documentation not available in this release. Please contact SIATEL SA for support.

FILE_FROM_TEMPLATE

/MISC/GENERATE/FILE_FROM_TEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

OBJECT

/MISC/GET_EXTINFO/OBJECT



Documentation not available in this release. Please contact SIATEL SA for support.

MARKER_POSITION

/MISC/GET/MARKER_POSITION



Documentation not available in this release. Please contact SIATEL SA for support.

SIGNATURE

/MISC/GET_DATA/SIGNATURE



Documentation not available in this release. Please contact SIATEL SA for support.

FOLDER_HIERARCHY

/MISC/IMPORT/FOLDER_HIERARCHY



Documentation not available in this release. Please contact SIATEL SA for support.

SERVERINFO

/MISC/QUERY/SERVERINFO



Documentation not available in this release. Please contact SIATEL SA for support.

SIGNATURE_MARKERS

/MISC/REPLACE/SIGNATURE_MARKERS



Documentation not available in this release. Please contact SIATEL SA for support.

PLUGIN SERVICE

/PLUGIN/ENUMERATE/_/PLUGIN



Documentation not available in this release. Please contact SIATEL SA for support.

/PLUGIN/GET_ACCESS_LEVELS/_/PLUGIN



Documentation not available in this release. Please contact SIATEL SA for support.

/PLUGIN/GET_EXTENSION_INFO/_/PLUGIN



Documentation not available in this release. Please contact SIATEL SA for support.

/PLUGIN/INVOKE/_/PLUGIN

Invoke a plugin functionality.

DTO structure on input (to [Command#invoke](#))

Key	Type	Significance
pluginId	String	the id of the plugin to invoke. This is a free form string and should match the id of the plugin to invoke.
cmdId	String	the id of the command to invoke. This is a free form string and should match an id of a command supported by the invoked plugin.

DTO structure on output (from [Command#invoke](#))

Key	Type	Significance
modelAndView	org.springframework.web.servlet.ModelAndView	Optional. The UI response to be sent by application server to browser if invoked command delivers such response

Errors

- [PluginInvocationException](#) - invalid pluginId

Notes

- the input DTO can contain additional command parameters which are specific to the command and plugin.
- the output DTO can contain additional results which are specific to the command and plugin, which are relevant to the caller.

SEARCH SERVICE

/SEARCH/SIMPLE

handles the `SearchLibrary.CMD_SEARCH_SIMPLE` command.

DTO structure on input

Key	Type	Significance
expression	String	the expression to search for
date	Date	the date to search for in case date fields or date attributes should be searched
number	Number	the number to search for in case numeric attributes should be searched
databaseIds	List<String>	the databases to search for
flags	long	a group of flags for the search operation
count	int	the number of search results to retrieve on this call
datec_min	Date	additional search criteria: the minimal creation date (optional)
datem_min	Date	additional search criteria: the minimal modification date (optional)
datec_max	Date	additional search criteria: the maximal creation date (optional)
datem_max	Date	additional search criteria: the maximal modification date (optional)

DTO structure on output

Key	Type	Significance
results	List<SearchResult>	the list of results
context	String	a key identifying the search context to be used for <code>SearchLibrary.CMD_SEARCH_MORE</code> and <code>SearchLibrary.CMD_CLOSE_SEARCH</code>

statistics	Map<String Integer>	, Statistics of results
------------	------------------------	-------------------------

Request and response examples:

Request body:

```
{
  "flags": 74310497658208256,
  "count": 1,
  "databaseIds": ["DATA003E0000000000000000000000000000"],
  "expression": "VLADIMIR"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "resultSetCount" : 129,
    "context" : "0000006F25CB7C5B00000001-15BA5CD7E6D",
    "statsByDatabase" : {
      "DATA003E0000000000000000000000000000" : {
        "countFichesArchive" : 0,
        "countFoldersActiveFlow" : 0,
        "countFoldersActiveGed" : 129,
        "countProcessActive" : 0,
        "countFichesActive" : 0,
        "countDocumentsArchive" : 0,
        "countDocumentsActive" : 0,
        "countFoldersActive" : 129,
        "countPinsActiveGed" : 0,
        "countPinsActiveFlow" : 0,
        "countFoldersActiveWorkspace" : 0,
        "countDocumentsActiveGed" : 0,
        "countDocumentsActiveFlow" : 0,
        "countProcess" : 0,
        "countFichesActiveWorkspace" : 0,
        "countProcessArchive" : 0,
        "countDocumentsActiveWorkspace" : 0,
        "countFichesActiveGed" : 0,
        "countPins" : 0,
        "countFichesActiveFlow" : 0,
        "countProcessActiveWorkspace" : 0,
        "countPinsActive" : 0,
        "countProcessActiveGed" : 0,
        "countPinsActiveWorkspace" : 0,
        "countDocuments" : 0,

```

```

        "countPinsArchive" : 0,
        "countFiches" : 0,
        "countFoldersArchive" : 0,
        "countProcessActiveFlow" : 0,
        "countFolders" : 129,
        "DOCP" : 0,
        "DOCW" : 0,
        "FCHF" : 0,
        "PINW" : 0,
        "DOCF" : 0,
        "AFCP" : 0,
        "ADCF" : 0,
        "PROC" : 0,
        "AFCF" : 0,
        "ADCP" : 0,
        "ARFL" : 0,
        "FLWS" : 0,
        "PINF" : 0,
        "FCHW" : 0,
        "APNP" : 0,
        "PINP" : 0,
        "FCHP" : 0,
        "FLDR" : 129,
        "APNF" : 0,
        "APRC" : 0
    }
},
"results" : [{
    "prefix" : "FLDR",
    "id" : "FLDR003E001000690000000000000000000000000000",
    "source" : {
        "prefix" : "FLDR",
        "id" : "FLDR003E001000690000000000000000000000000000",
        "label" : "NAZAROV, ALEXEY VLADIMIROVITCH",
        "ownerId" : "USER0000000000001000000000000000000000000000",
        "flags" : 0,
        "dateC" : 1135792420000,
        "dateM" : 1352380121000,
        "dateA" : null,
        "formId" : "DFFR003E0000000020000000000000000000000000",
        "dateS" : null,
        "dateE" : null,
        "icon" : 1,
        "stateId" : null,
        "securityMask" : 0,
        "deleted" : false,
        "dateDel" : null,
    }
}]

```

```

        "deleteBy" : 0,
        "parentId" : null,
        "formPage" : null,
        "profileId" : null,
        "modifiedBy" : null,
        "securityProfileId" : null,
        "uuidstring" : null,
        "attributes" : []
    },
    "hitMask" : 1024,
    "fulltextHits" : null,
    "fulltextFragmentHits" : null,
    "noteHitsCount" : 0,
    "status" : -1,
    "fulltextHitFragments" : null,
    "noteHitFragments" : null,
    "searchResultFTMode" : 0,
    "rank" : 0.0,
    "attributesHitsIds" : [],
    "notesHitsIds" : [],
    "icon" : 1,
    "label" : "NAZAROV, ALEXEY VLADIMIROVITCH",
    "ownerId" : "USER0000000000001000000000000000000000000000",
    "formId" : "DFFR003E0000000020000000000000000000000000",
    "numberOfFulltextHits" : 0,
    "textareaHitFragmentsByAttribute" : null,
    "noteHitFragmentsByNoteId" : null,
    "fulltextData" : null,
    "fulltextHitsAsString" : "",
    "fulltextFragmentHitsAsString" : "",
    "attributes" : []
}],
"statistics" : {
    "countFichesActiveGed" : 0,
    "countPins" : 0,
    "countFichesActiveFlow" : 0,
    "countFichesArchive" : 0,
    "countFoldersActiveGed" : 129,
    "countFoldersActiveFlow" : 0,
    "countProcessActiveWorkspace" : 0,
    "countProcessActive" : 0,
    "countPinsActive" : 0,
    "countFichesActive" : 0,
    "countDocumentsArchive" : 0,
    "countDocumentsActive" : 0,
    "countProcessActiveGed" : 0,
    "countPinsActiveWorkspace" : 0,

```

```
    "countFoldersActive" : 129,  
    "countDocuments" : 0,  
    "countPinsArchive" : 0,  
    "countPinsActiveGed" : 0,  
    "countPinsActiveFlow" : 0,  
    "countFiches" : 0,  
    "countFoldersActiveWorkspace" : 0,  
    "countFoldersArchive" : 0,  
    "countDocumentsActiveGed" : 0,  
    "countDocumentsActiveFlow" : 0,  
    "countProcessActiveFlow" : 0,  
    "countProcess" : 0,  
    "countFolders" : 129,  
    "countFichesActiveWorkspace" : 0,  
    "countProcessArchive" : 0,  
    "countDocumentsActiveWorkspace" : 0  
  }  
}  
}
```

/SEARCH/FULLTEXT

This class handles the `{SearchLibrary.CMD_SEARCH_FULLTEXT}` command.

DTO structure on input

Key	Type	Significance
expression	String	the expression to search for
databaseIds	List<String>	the databases to search for
flags	long	a group of flags for the search operation
count	int	the number of search results to retrieve on this call
datec_min	Date	additional search criteria: minimal creation date
datem_min	Date	additional search criteria: minimal modification date
datec_max	Date	additional search criteria: maximal creation date
datem_max	Date	additional search criteria: maximal modification date

DTO structure on output

Key	Type	Significance
results	List<SearchResult>	the list of results
context	String	a key identifying the search context to be used for <code>SearchLibrary.CMD_SEARCH_MORE</code> and <code>SearchLibrary.CMD_CLOSE_SEARCH</code>
statistics	Map<String Integer>	Statistics of results
statsByDatabase	Map<String Map<String Integer>>	Statistics of results, by database Id
statsByDatabase	Map<String	Statistics of results, by database Id

Map<String Integer>>	,
-------------------------	---

Request and response examples:

Request body:

```
{
  "flags": 74379796955529216,
  "bRequestFragments": false,
  "nFragmentSize": 200,
  "count": 1,
  "databaseIds": ["DATA003E0000000000000000000000000000"],
  "useSOLR": true,
  "expression": "*histoire*",
  "nFragmentNumbers": 4
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "resultSetCount" : 500,
    "statsByDatabase" : {
      "DATA003E0000000000000000000000000000" : {
        "countFichesArchive" : 0,
        "countFoldersActiveGed" : 0,
        "countFoldersActiveFlow" : 0,
        "DOCP" : 0,
        "countProcessActive" : 0,
        "DOCW" : 0,
        "countFichesActive" : 0,
        "countDocumentsArchive" : 0,
        "countDocumentsActive" : 500,
        "FCHF" : 0,
        "PINW" : 0,
        "DOCF" : 500,
        "countFoldersActive" : 0,
        "countPinsActiveFlow" : 0,
        "countPinsActiveGed" : 0,
        "AFCP" : 0,
        "countFoldersActiveWorkspace" : 0,
        "ADCF" : 0,
        "countDocumentsActiveGed" : 500,
        "PROC" : 0,
        "countDocumentsActiveFlow" : 0,
        "countProcess" : 0,

```

```

        "countFichesActiveWorkspace" : 0,
        "countProcessArchive" : 0,
        "countDocumentsActiveWorkspace" : 0,
        "ADCP" : 0,
        "AFCF" : 0,
        "countFichesActiveGed" : 0,
        "countFichesActiveFlow" : 0,
        "countPins" : 0,
        "countProcessActiveWorkspace" : 0,
        "countPinsActive" : 0,
        "countProcessActiveGed" : 0,
        "FLWS" : 0,
        "ARFL" : 0,
        "countPinsActiveWorkspace" : 0,
        "PINF" : 0,
        "countPinsArchive" : 0,
        "countDocuments" : 500,
        "FCHW" : 0,
        "countFiches" : 0,
        "APNP" : 0,
        "countFoldersArchive" : 0,
        "PINP" : 0,
        "FCHP" : 0,
        "FLDR" : 0,
        "countProcessActiveFlow" : 0,
        "APNF" : 0,
        "countFolders" : 0,
        "APRC" : 0
    }
},
"context" : "0000006F25CB7C5B00000001-15BA5E468BB",
"results" : [{
    "prefix" : "DOCF",
    "id" : "DOCF003E00007F200000000000000003E400000000",
    "source" : {
        "prefix" : "DOCF",
        "id" : "DOCF003E00007F200000000000000003E400000000",
        "label" : "Cerfa 2 [0000000345]",
        "ownerId" : "USER000000000001000000000000000000000000",
        "flags" : 256,
        "dateC" : 1336547000000,
        "dateM" : 1336547000000,
        "dateA" : 1336547000000,
        "formId" : "DFFR003E00000001000000000000000000000000",
        "dateS" : null,
        "dateE" : null,
        "icon" : 0,
    }
}]

```

```
"stateId" : null,  
"securityMask" : 0,  
"deleted" : false,  
"dateDel" : null,  
"deleteBy" : 0,  
"fileId" : "FILE003E0000000A0000000100000001000ACBB2.txt",  
"fileSize" : 0,  
"fileType" : "TXT",  
"linkedId" : null,  
"ocrFileId" : null,  
"version" : 0,  
"lockedBy" : null,  
"dateL" : null,  
"validMillis" : null,  
"lockType" : -1,  
"formPage" : null,  
"tags" : 0,  
"validity" : 0,  
"validationDate" : null,  
"expireDate" : null,  
"publishedDate" : null,  
"validatedBy" : null,  
"modifiedBy" : null,  
"requestedBy" : null,  
"securityProfileId" : null,  
"uuidstring" : null,  
"attributes" : []  
},  
"hitMask" : 256,  
"fulltextHits" : null,  
"fulltextFragmentHits" : null,  
"noteHitsCount" : 0,  
"status" : -1,  
"fulltextHitFragments" : [" le petit pleurard\nde roi, qui va nous donner un  
règne de François II. Sais-tu\n${highlightStart}l'histoire${highlightEnd}, Raoul?\n\n--  
Oui, monsieur le chevalier.\n\n-- Tu sais que François II avait toujours mal aux  
oreilles, alors", " portail de Saint Gervais et Saint-Protais,\nntreize cents livres.\n\n-- Treize cents livres! mais c'est royal.\n\n-- Voici  
${highlightStart}l'histoire${highlightEnd}. Je soupçonne fort un chanoine quelconque de\  
nla paroisse (ces chanoines sont"],  
"noteHitFragments" : null,  
"searchResultFTMode" : 2,  
"rank" : 1.0,  
"attributesHitsIds" : [],  
"notesHitsIds" : [],  
"icon" : 0,  
"label" : "Cerfa 2 [0000000345]",  
"ownerId" : "USER000000000001000000000000000000000000000"
```

```

        "formId" : "DFFR003E000000001000000000000000000000000000",
        "numberOfFulltextHits" : 4130,
        "textareaHitFragmentsByAttribute" : null,
        "noteHitFragmentsByNoteId" : null,
        "fulltextData" : null,
        "fulltextHitsAsString" : "",
        "fulltextFragmentHitsAsString" : "",
        "attributes" : []
    }],
    "statistics" : {
        "countFichesActiveGed" : 0,
        "countPins" : 0,
        "countFichesActiveFlow" : 0,
        "countFichesArchive" : 0,
        "countFoldersActiveGed" : 0,
        "countFoldersActiveFlow" : 0,
        "countProcessActiveWorkspace" : 0,
        "countProcessActive" : 0,
        "countPinsActive" : 0,
        "countFichesActive" : 0,
        "countDocumentsArchive" : 0,
        "countDocumentsActive" : 500,
        "countProcessActiveGed" : 0,
        "countPinsActiveWorkspace" : 0,
        "countFoldersActive" : 0,
        "countDocuments" : 500,
        "countPinsArchive" : 0,
        "countPinsActiveGed" : 0,
        "countPinsActiveFlow" : 0,
        "countFiches" : 0,
        "countFoldersActiveWorkspace" : 0,
        "countFoldersArchive" : 0,
        "countDocumentsActiveGed" : 500,
        "countDocumentsActiveFlow" : 0,
        "countProcessActiveFlow" : 0,
        "countProcess" : 0,
        "countFolders" : 0,
        "countFichesActiveWorkspace" : 0,
        "countProcessArchive" : 0,
        "countDocumentsActiveWorkspace" : 0
    }
}

```

/SEARCH/ENUMERATE

This class handles the `SearchLibrary.CMD_SEARCH_ENUMERATE` command.

DTO structure on input

Key	Type	Significance
context	String	a key identifying the search context, returned by a previous <code>SearchLibrary.CMD_SEARCH_SIMPLE</code> , <code>SearchLibrary.CMD_SEARCH_ADVANCED</code> or <code>SearchLibrary.CMD_SEARCH_FULLTEXT</code> command
offset	int	the offset of search results to retrieve on this call
count	int	the number of search results to retrieve on this call

DTO structure on output

Key	Type	Significance
results	List<SearchResult>	the list of results

Request and response examples:

Request body:

```
{
  "context": "0000006F25CB7C5B00000001-15BA5CD7E6D",
  "nFragmentSize": 200,
  "count": 15,
  "offset": 5,
  "nFragmentNumbers": 4
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "results" : [{
      "prefix" : "FLDR",
      "id" : "FLDR003E00100403000000000000000000000000",
      "source" : {
```

```

    "prefix" : "FLDR",
    "id" : "FLDR003E001004030000000000000000000000000000",
    "label" : "NAHUI, GHEORGHE VLADIMIR",
    "ownerId" : "USER000000000001000000000000000000000000",
    "flags" : 0,
    "dateC" : 1309759540000,
    "dateM" : 1349679594000,
    "dateA" : null,
    "formId" : "DFFR003E0000000020000000000000000000000000",
    "dateS" : null,
    "dateE" : null,
    "icon" : 1,
    "stateId" : null,
    "securityMask" : 0,
    "deleted" : false,
    "dateDel" : null,
    "deleteBy" : 0,
    "parentId" : null,
    "formPage" : null,
    "profileId" : null,
    "modifiedBy" : null,
    "securityProfileId" : null,
    "uuidstring" : null,
    "attributes" : []
  },
  "hitMask" : 1024,
  "fulltextHits" : null,
  "fulltextFragmentHits" : null,
  "noteHitsCount" : 0,
  "status" : -1,
  "fulltextHitFragments" : null,
  "noteHitFragments" : null,
  "searchResultFTMode" : 0,
  "rank" : 0.0,
  "attributesHitsIds" : [],
  "notesHitsIds" : [],
  "icon" : 1,
  "label" : "NAHUI, GHEORGHE VLADIMIR",
  "ownerId" : "USER000000000001000000000000000000000000",
  "formId" : "DFFR003E0000000020000000000000000000000000",
  "numberOfFulltextHits" : 0,
  "textareaHitFragmentsByAttribute" : null,
  "noteHitFragmentsByNoteId" : null,
  "fulltextData" : null,
  "fulltextHitsAsString" : "",
  "fulltextFragmentHitsAsString" : "",
  "attributes" : []

```

```
    }, {
      "prefix" : "FLDR",
      "id" : "FLDR003E00135192000000000000000000000000",
      "source" : {
        "prefix" : "FLDR",
        "id" : "FLDR003E001351920000000000000000000000",
        "label" : "SERGUEEV, VLADIMIR",
        "ownerId" : "USER0000000000001000000000000000000000",
        "flags" : 0,
        "dateC" : 1272317179000,
        "dateM" : 1348644767000
        ... more information here
      }
    }
    ... more objects ....
  ]
}
```

/SEARCH/ADVANCED

This class handles the `SearchLibrary.CMD_SEARCH_ADVANCED` command.

DTO structure on input

Key	Type	Significance
expression	Expression	the expression to search for
flags	long	a group of flags for the search operation
count	int	the number of search results to retrieve on this call

DTO structure on output

Key	Type	Significance
results	List<SearchResult>	the list of results
context	String	a key identifying the search context to be used for <code>SearchLibrary.CMD_SEARCH_MORE</code> and <code>SearchLibrary.CMD_CLOSE_SEARCH</code>
statistics	Map<String Integer>	Statistics of results

The **expression** input parameter is a binary-tree formatted logical expression, through **left**, **right** and **operator** sub fields. The following constraints apply to this parameter:

1. **operator** of an **expression** node can be one of **0** (**no operator**, the condition in the current note is evaluated), **1** (logical **NOT** applied to either the condition in the current tree node or the expression specified by the **left** field), **2** (logical **AND** applied to the left and right fields), **3** (logical **OR** applied to the left and right fields).
2. in case **AND** or **OR** logical operators specified, then both **left** and **right** expressions must be specified.
3. in case **NOT** logical operator specified, then either the **condition** field in the tree node or only the **left** must be specified.


```

        "value": "GABRIEL",
      },
      "operator": 10,
      "caseSensitive": false
    }
  }
}

```

Response body:

```

{
  "result" : "ok",
  "dtoOut" : {
    "resultSetCount" : 410,
    "context" : "0000006F25CB7C5B00000001-15BA5DD614D",
    "results" : [{
      "prefix" : "FLDR",
      "id" : "FLDR003E00004EAD000000000000000000000000",
      "source" : {
        "prefix" : "FLDR",
        "id" : "FLDR003E00004EAD000000000000000000000000",
        "label" : "ADOU, ADJIRI GABRIEL GUY DESIRE PASCAL",
        "ownerId" : "USER000000000001000000000000000000000000",
        "flags" : 0,
        "dateC" : 1135784693000,
        "dateM" : 1348826879000,
        "dateA" : null,
        "formId" : "DFFR003E00000002000000000000000000000000",
        "dateS" : null,
        "dateE" : null,
        "icon" : 1,
        "stateId" : null,
        "securityMask" : 0,
        "deleted" : false,
        "dateDel" : null,
        "deleteBy" : 0,
        "parentId" : null,
        "formPage" : null,
        "profileId" : null,
        "modifiedBy" : null,
        "securityProfileId" : null,
        "uuidstring" : null,
        "attributes" : [{
          "prefix" : "DFTY",
          "id" : "DFTY003E00000064000000000000000000000000",
          "typeId" : "DFTY003E000000010000000000000000000000",

```



```

        "typeId" : "DFTY003E000000010000000000000000000000",
        "value" : null,
        "label" : "Pays de naissance (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E00000006B00000000000000000000000",
        "typeId" : "DFTY003E000000010000000000000000000000",
        "value" : null,
        "label" : "Sexe (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E00000006C00000000000000000000000",
        "typeId" : "DFTY003E000000010000000000000000000000",
        "value" : null,
        "label" : "Nationalité (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E00000006D00000000000000000000000",
        "typeId" : "DFTY003E000000010000000000000000000000",
        "value" : null,
        "label" : "Document actuel (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E00000006E00000000000000000000000",
        "typeId" : "DFTY003E000000040000000000000000000000",
        "value" : null,
        "label" : "Date de début de validité (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E00000006F00000000000000000000000",
        "typeId" : "DFTY003E000000040000000000000000000000",
        "value" : null,
        "label" : "Date de fin de validité (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",

```

```

    "id" : "DFTY003E000000700000000000000000000000000000",
    "typeId" : "DFTY003E0000000400000000000000000000000000",
    "value" : null,
    "label" : "Date de délivrance (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E000000710000000000000000000000000000",
    "typeId" : "DFTY003E0000000100000000000000000000000000",
    "value" : null,
    "label" : "Référence réglementaire (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E000000720000000000000000000000000000",
    "typeId" : "DFTY003E0000000100000000000000000000000000",
    "value" : null,
    "label" : "Statut (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E000000730000000000000000000000000000",
    "typeId" : "DFTY003E0000000100000000000000000000000000",
    "value" : null,
    "label" : "Numéro de dossier (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E000000740000000000000000000000000000",
    "typeId" : "DFTY003E0000000100000000000000000000000000",
    "value" : null,
    "label" : "Code mouvement (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E000000750000000000000000000000000000",
    "typeId" : "DFTY003E0000000100000000000000000000000000",
    "value" : null,
    "label" : "Indicateur de dossier archivé (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {

```

```

        "prefix" : "DFTY",
        "id" : "DFTY003E0000000760000000000000000000000000",
        "typeId" : "DFTY003E00000001000000000000000000000000",
        "value" : null,
        "label" : "No de dossier \"référence\" (alias) (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000770000000000000000000000000",
        "typeId" : "DFTY003E00000001000000000000000000000000",
        "value" : null,
        "label" : "Commune d'habitation (Étrangers)",
        "flags" : 0,
        "data" : null
    }
}

}, {
    "hitMask" : 1,
    "fulltextHits" : null,
    "fulltextFragmentHits" : null,
    "noteHitsCount" : 0,
    "status" : -1,
    "fulltextHitFragments" : null,
    "noteHitFragments" : null,
    "searchResultFTMode" : 0,
    "rank" : 0.0,
    "attributesHitsIds" : [],
    "notesHitsIds" : [],
    "icon" : 1,
    "label" : "ADOU, ADJIRI GABRIEL GUY DESIRE PASCAL",
    "ownerId" : "USER00000000000100000000000000000000000000",
    "formId" : "DFFR003E0000000200000000000000000000000000",
    "numberOfFulltextHits" : 0,
    "textareaHitFragmentsByAttribute" : null,
    "noteHitFragmentsByNoteId" : null,
    "fulltextData" : null,
    "fulltextHitsAsString" : "",
    "fulltextFragmentHitsAsString" : "",
    "attributes" : [{
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000640000000000000000000000000",
        "typeId" : "DFTY003E00000001000000000000000000000000",
        "value" : null,
        "label" : "No étranger (Étrangers)",
        "flags" : 0,
        "data" : null
    }
}, {

```

```

    "prefix" : "DFTY",
    "id" : "DFTY003E0000000650000000000000000000000000",
    "typeId" : "DFTY003E00000000100000000000000000000000",
    "value" : "ADOU",
    "label" : "Nom patronymique (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E0000000660000000000000000000000000",
    "typeId" : "DFTY003E00000000100000000000000000000000",
    "value" : "ADJIRI GABRIEL GUY DESIRE PASCAL",
    "label" : "Prénom (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E0000000670000000000000000000000000",
    "typeId" : "DFTY003E00000000100000000000000000000000",
    "value" : null,
    "label" : "Nom marital (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E0000000680000000000000000000000000",
    "typeId" : "DFTY003E00000000400000000000000000000000",
    "value" : null,
    "label" : "Date de naissance (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E0000000690000000000000000000000000",
    "typeId" : "DFTY003E00000000100000000000000000000000",
    "value" : null,
    "label" : "Lieu de naissance (Étrangers)",
    "flags" : 0,
    "data" : null
  }, {
    "prefix" : "DFTY",
    "id" : "DFTY003E00000006A0000000000000000000000000",
    "typeId" : "DFTY003E00000000100000000000000000000000",
    "value" : null,
    "label" : "Pays de naissance (Étrangers)",
    "flags" : 0,
    "data" : null
  }

```

```

    }, {
      "prefix" : "DFTY",
      "id" : "DFTY003E00000006B00000000000000000000000",
      "typeId" : "DFTY003E00000000100000000000000000000000",
      "value" : null,
      "label" : "Sexe (Étrangers)",
      "flags" : 0,
      "data" : null
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY003E00000006C00000000000000000000000",
      "typeId" : "DFTY003E00000000100000000000000000000000",
      "value" : null,
      "label" : "Nationalité (Étrangers)",
      "flags" : 0,
      "data" : null
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY003E00000006D00000000000000000000000",
      "typeId" : "DFTY003E00000000100000000000000000000000",
      "value" : null,
      "label" : "Document actuel (Étrangers)",
      "flags" : 0,
      "data" : null
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY003E00000006E00000000000000000000000",
      "typeId" : "DFTY003E00000000400000000000000000000000",
      "value" : null,
      "label" : "Date de début de validité (Étrangers)",
      "flags" : 0,
      "data" : null
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY003E00000006F00000000000000000000000",
      "typeId" : "DFTY003E00000000400000000000000000000000",
      "value" : null,
      "label" : "Date de fin de validité (Étrangers)",
      "flags" : 0,
      "data" : null
    }, {
      "prefix" : "DFTY",
      "id" : "DFTY003E00000007000000000000000000000000",
      "typeId" : "DFTY003E00000000400000000000000000000000",
      "value" : null,
      "label" : "Date de délivrance (Étrangers)",
      "flags" : 0,

```

```

        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000710000000000000000000000000",
        "typeId" : "DFTY003E00000000100000000000000000000000",
        "value" : null,
        "label" : "Référence réglementaire (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000720000000000000000000000000",
        "typeId" : "DFTY003E00000000100000000000000000000000",
        "value" : null,
        "label" : "Statut (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000730000000000000000000000000",
        "typeId" : "DFTY003E00000000100000000000000000000000",
        "value" : null,
        "label" : "Numéro de dossier (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000740000000000000000000000000",
        "typeId" : "DFTY003E00000000100000000000000000000000",
        "value" : null,
        "label" : "Code mouvement (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000750000000000000000000000000",
        "typeId" : "DFTY003E00000000100000000000000000000000",
        "value" : null,
        "label" : "Indicateur de dossier archivé (Étrangers)",
        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000760000000000000000000000000",
        "typeId" : "DFTY003E00000000100000000000000000000000",
        "value" : null,
        "label" : "No de dossier \"référence\" (alias) (Étrangers)",

```

```

        "flags" : 0,
        "data" : null
    }, {
        "prefix" : "DFTY",
        "id" : "DFTY003E0000000770000000000000000000000000",
        "typeId" : "DFTY003E0000000010000000000000000000000000",
        "value" : null,
        "label" : "Commune d'habitation (Étrangers)",
        "flags" : 0,
        "data" : null
    }
  ]
}, {
  "statistics" : {
    "countFichesArchive" : 0,
    "countFoldersActiveGed" : 410,
    "countFoldersActiveFlow" : 0,
    "DOCP" : 0,
    "countProcessActive" : 0,
    "DOCW" : 0,
    "countFichesActive" : 0,
    "countDocumentsArchive" : 0,
    "countDocumentsActive" : 0,
    "FCHF" : 0,
    "PINW" : 0,
    "DOCF" : 0,
    "countFoldersActive" : 410,
    "countPinsActiveFlow" : 0,
    "countPinsActiveGed" : 0,
    "AFCP" : 0,
    "countFoldersActiveWorkspace" : 0,
    "ADCF" : 0,
    "countDocumentsActiveGed" : 0,
    "PROC" : 0,
    "countDocumentsActiveFlow" : 0,
    "countProcess" : 0,
    "countFichesActiveWorkspace" : 0,
    "countProcessArchive" : 0,
    "countDocumentsActiveWorkspace" : 0,
    "ADCP" : 0,
    "AFCF" : 0,
    "countFichesActiveGed" : 0,
    "countFichesActiveFlow" : 0,
    "countPins" : 0,
    "countProcessActiveWorkspace" : 0,
    "countPinsActive" : 0,
    "countProcessActiveGed" : 0,
    "FLWS" : 0,

```

```
    "ARFL" : 0,
    "countPinsActiveWorkspace" : 0,
    "PINF" : 0,
    "countPinsArchive" : 0,
    "countDocuments" : 0,
    "FCHW" : 0,
    "countFiches" : 0,
    "APNP" : 0,
    "countFoldersArchive" : 0,
    "PINP" : 0,
    "FCHP" : 0,
    "FLDR" : 410,
    "countProcessActiveFlow" : 0,
    "APNF" : 0,
    "countFolders" : 410,
    "APRC" : 0
  }
}
```

ROLE_SEARCHTEMPLATE

/SEARCH/CHECK/ROLE_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/SAVE/ROLE_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/DELETE/ROLE_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/ENUMERATE/ROLE_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/READ/ROLE_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

GROUP_SEARCHTEMPLATE

/SEARCH/SAVE/GROUP_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/DELETE/GROUP_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/ENUMERATE/GROUP_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/READ/GROUP_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

USER_SEARCHTEMPLATE

/SEARCH/SAVE/USER_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/DELETE/USER_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/ENUMERATE/USER_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

/SEARCH/READ/USER_SEARCHTEMPLATE



Documentation not available in this release. Please contact SIATEL SA for support.

SECURITY SERVICE

SECURITY_DESCRIPTOR

/SECURITY/GET/SECURITY_DESCRIPTOR

Request and response examples:

Request body:

```
{
  "descriptor" :{
    "prefix" : "SECD",
    "objectId" : "FLDR00CE00000036000000000000000000000000",
    "profileId" :null,
    "accessRights" :[]
  }
}
```

Response body:

```
{
  "object" : {
    "prefix" : "SECD",
    "objectId" : "FLDR00CE00000036000000000000000000000000",
    "profileId" : null,
    "accessRights" : [{
      "prefix" : "SECM",
      "identityId" : "GROU000000000000100000000000000000000000",
      "visible" : true,
      "mask" : 67633696,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "GROU000000000000200000000000000000000000",
      "visible" : true,
      "mask" : 6482140,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "USER00007FFFFFFE00000000000000000000000000",
      "visible" : true,
      "mask" : 142606612,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "USER00007FFFFFFF00000000000000000000000000",
      "visible" : true,
      "mask" : 404816881,
      "revoke" : false
    }
  ]
}
```

```

    }
}

```

Request body:

```

{
  "descriptor" : {
    "prefix" : "SECD",
    "objectId" : "FLDR00CE00000036000000000000000000000000",
    "profileId" : null,
    "accessRights" : []
  }
}

```

Response body:

```

{
  "object" : {
    "prefix" : "SECD",
    "objectId" : "FLDR00CE00000036000000000000000000000000",
    "profileId" : "SECP00CE00000001000000000000000000000000",
    "accessRights" : [{
      "prefix" : "SECM",
      "identityId" : "GROU000000000001000000000000000000000000",
      "visible" : true,
      "mask" : 67633696,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "GROU000000000002000000000000000000000000",
      "visible" : true,
      "mask" : 49364,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "USER00007FFFFFFE00000000000000000000000000",
      "visible" : true,
      "mask" : 142606612,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "USER00007FFFFFFF00000000000000000000000000",
      "visible" : true,
      "mask" : 134218000,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "USER00000000009E000000000000000000000000",

```

```
        "visible" : true,  
        "mask" : 25166384,  
        "revoke" : false  
    }  
}  
}
```

/SECURITY/SET/SECURITY_DESCRIPTOR

Request and response examples:

Request body:

```
{
  "descriptor" : {
    "prefix" : "SECD",
    "objectId" : "FLDR00CE0000000360000000000000000000000000",
    "profileId" : "SECP00CE0000000010000000000000000000000000",
    "accessRights" : []
  }
}
```

Response body:

```
{
  "result" : "ok",
}
```

Request body:

```
{
  "descriptor" : {
    "prefix" : "SECD",
    "objectId" : "FLDR00CE0000000360000000000000000000000000",
    "profileId" : null,
    "accessRights" : [{
      "prefix" : "SECM",
      "identityId" : "GROU00000000000010000000000000000000000000",
      "visible" : true,
      "mask" : 67633696,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "GROU00000000000020000000000000000000000000",
      "visible" : true,
      "mask" : 6482140,
      "revoke" : false
    }, {
      "prefix" : "SECM",
      "identityId" : "USER00007FFFFFFE00000000000000000000000000",
      "visible" : true,
      "mask" : 142606612,
      "revoke" : false
    }, {
      "prefix" : "SECM",

```

```

        "identityId" : "USER00007FFFFFFFF000000000000000000000000",
        "visible" : true,
        "mask" : 404816881,
        "revoke" : false
    }
}

```

Response body:

```

{
    "result" : "ok"
}

```

SECURITY_ENTRY

/SECURITY/RENDER/SECURITY_ENTRY

Request and response examples:

Request body:

```

{
    "securityEntry" : {
        "prefix" : "SECE",
        "objectId" : "FLDR00CE00000036000000000000000000000000",
        "profileId" : null,
        "identityId" : null,
        "visible" : false,
        "mask" : 0,
        "revoke" : false
    },
    "byConnection" : true
}

```

Response body:

```

{
    "result" : "ok",
    "dtoOut" : {
        "se" : {
            "prefix" : "SECE",
            "objectId" : "FLDR00CE000000360000000000000000000000",
            "profileId" : null,
            "identityId" : "USER000000000009E000000000000000000000",
            "visible" : true,
            "mask" : 10737418239,

```

```
        "revoke" : false
    }
}
```

SECURITY_PROFILE

/DESIGN/READ/SECURITY_PROFILE

Request and response examples:

Request body:

```
{  
    "flags" : 137438965823,  
    "objectId" : "SECP00CE0000000100000000000000000000"  
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "object" : {
      "prefix" : "SECP",
      "id" : "SECP00CE000000010000000000000000000000",
      "label" : "secuprofile",
      "ownerId" : "USER0000000000010000000000000000000000",
      "flags" : 0,
      "dateC" : 1492594407946,
      "dateM" : 1493016404056,
      "description" : "custom description",
      "accessRights" : [{
        "prefix" : "SECM",
        "identityId" : "GROU0000000000010000000000000000000000",
        "visible" : true,
        "mask" : 67633696,
        "revoke" : false
      }, {
        "prefix" : "SECM",
        "identityId" : "GROU0000000000020000000000000000000000",
        "visible" : true,
        "mask" : 49364,
        "revoke" : false
      }, {
        "prefix" : "SECM",
        "identityId" : "USER00007FFFFFFF00000000000000000000000000",
        "visible" : true,
        "mask" : 142606612,
        "revoke" : false
      }, {
        "prefix" : "SECM",
        "identityId" : "USER00007FFFFFFF00000000000000000000000000",
        "visible" : true,
```

```
        "mask" : 134218000,  
        "revoke" : false  
    }, {  
        "prefix" : "SECM",  
        "identityId" : "USER000000000009E0000000000000000000000000",  
        "visible" : true,  
        "mask" : 25166384,  
        "revoke" : false  
    }],  
    "customProcedure" : null,  
    "packages" : []  
}  
}
```

/DESIGN/ENUMERATE/SECURITY_PROFILE

Request and response examples:

Request body:

```
{  
    "locale" : "en",  
    "flags" : 137438965823,  
    "criteriaIds" : ["DATA00CE0000000000000000000000000000"],  
    "offset" : 0,  
    "count" : 1  
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "list" : [{
      "prefix" : "SECP",
      "id" : "SECP00CE00000000100000000000000000000000",
      "label" : "secuprofile",
      "ownerId" : "USER000000000000100000000000000000000000",
      "flags" : 0,
      "dateC" : 1492594407946,
      "dateM" : 1493016404056,
      "description" : "custom description",
      "accessRights" : [{
        "prefix" : "SECM",
        "identityId" : "GROU000000000000100000000000000000000000",
        "visible" : true,
        "mask" : 67633696,
        "revoke" : false
      }, {
        "prefix" : "SECM",
        "identityId" : "GROU000000000000200000000000000000000000",
        "visible" : true,
        "mask" : 49364,
        "revoke" : false
      }, {
        "prefix" : "SECM",
        "identityId" : "USER00007FFFFFFFFE00000000000000000000000000",
        "visible" : true,
        "mask" : 142606612,
        "revoke" : false
      }, {
```

```
        "prefix" : "SECM",
        "identityId" : "USER00007FFFFFFFF000000000000000000000000",
        "visible" : true,
        "mask" : 134218000,
        "revoke" : false
    }, {
        "prefix" : "SECM",
        "identityId" : "USER000000000009E0000000000000000000000000",
        "visible" : true,
        "mask" : 25166384,
        "revoke" : false
    }],
    "customProcedure" : null,
    "packages" : []
}
}
```

OWNER

/SECURITY/SET/OWNER

Request and response examples:

Request body:

```
{
  "ownerId" : "USER000000000009E00000000000000000000000",
  "objectId" : "FLDR00CE000000360000000000000000000000"
}
```

Response body:

```
{
  "result" : "ok",
}
```

SECURITY_CACHE

/SECURITY/RENDER/SECURITY_CACHE



Documentation not available in this release. Please contact SIATEL SA for support.

STORAGE SERVICE

FILE

/STORAGE/CREATE/FILE

Request and response examples:

Request parameters:

```
inCmd :
{
  "databaseId" : "DATA00020000000000000000000000000000",
  "fileName" : "originalFileName.jpg"
}
inFile :
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "fileId" : "FILE000200000000000000000000000000001000000010003739E.jpg"
  }
}
```

Request parameters:

```
inCmd :
{
  "databaseId" : "DATA00020000000000000000000000000000",
  "fileName" : "originalFileName.jpg",
  "attributes" : [{
    "prefix" : "DFAT",
    "id" : "DFAT00CE00000091000000000000000000000000",
    "typeId" : "DFTY00CE000000010000000000000000000000",
    "value" : "new"
  }, {
    "prefix" : "DFAT",
    "id" : "DFAT00CE00000092000000000000000000000000",
    "typeId" : "DFTY00CE000000020000000000000000000000",
    "value" : 123456
  }, {
    "prefix" : "DFAT",
    "id" : "DFAT00CE00000001000000000000000000000000",
    "typeId" : "DFTY00CE000000010000000000000000000000",
    "value" : "new string value"
  }]
}
```

```
inFile :
```

```
Response body:
```

```
{
  "result" : "ok",
  "dtoOut" : {
    "fileId" : "FILE00020000000000000001000000010003739F.jpg"
  }
}
```

/STORAGE/READ/FILE

Request and response examples:

Request body:

```
{  
  "fileId" : "FILE00020000000000000001000000010003733D.jpg"  
}
```

/STORAGE/UPDATE/FILE

Request and response examples:

Request parameters:

```
inCmd :  
{  
  "fileId" : "FILE0002000000000000000100000001000373F8.jpg"  
}  
inFile :
```

Response body:

```
{  
  "result" : "ok",  
  "dtoOut" : {  
    "fileId" : "FILE0002000000000000000100000001000373F8.jpg"  
  }  
}
```

/STORAGE/DELETE/FILE

Request and response examples:

Request body:

```
{
  "fileId" : "FILE00020000000000000001000000010003733D.jpg"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "fileId" : "FILE0002000000000000000100000001000373F7.jpg"
  }
}
```

/STORAGE/CHECK/FILE

Request and response examples:

Request body:

```
{
  "fileId" : "FILE00020000000000000001000000010003733D.jpg"
}
```

Response body:

```
{
  "result" : "ok",
  "dtoOut" : {
    "isAvailable" : false
  }
}
```

/STORAGE/DUPLICATE/FILE

Request and response examples:

Request body:

```
{  
  "fileId" : "FILE0002000000000000000100000001000373F8.jpg"  
}
```

Response body:

```
{  
  "result" : "ok",  
  "dtoOut" : {  
    "fileId" : "FILE0002000000000000000100000001000373F9.jpg"  
  }  
}
```

/STORAGE/RESOLVE/PATH



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/GET_EXTINFO/FILE



Documentation not available in this release. Please contact SIATEL SA for support.

THUMB_FILE

/STORAGE/CREATE/THUMB_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/READ/THUMB_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/DELETE/THUMB_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/CHECK/THUMB_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

RULE

/STORAGE/DEPLOY/DISPATCHER_RULES



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/DEPLOY/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/UNDEPLOY/RULE



Documentation not available in this release. Please contact SIATEL SA for support.

AGGREGATED_FILE

/STORAGE/GET/AGGREGATED_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/QUERY/GARBAGE_COLLECTION



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/INVOKE/GARBAGE_COLLECTION



Documentation not available in this release. Please contact SIATEL SA for support.

MISCELLANEOUS

/STORAGE/UPDATE/DTO_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/READ/ZIPSTREAM



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/READ/DTO_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

DISPATCHER_RULES

/STORAGE/DEPLOY/DISPATCHER_RULES



Documentation not available in this release. Please contact SIATEL SA for support.

GARBAGE_COLLECTION

/STORAGE/INVOKE/GARBAGE_COLLECTION



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/QUERY/GARBAGE_COLLECTION



Documentation not available in this release. Please contact SIATEL SA for support.

DTO_FILE

/STORAGE/READ/DTO_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

/STORAGE/UPDATE/DTO_FILE



Documentation not available in this release. Please contact SIATEL SA for support.

PATH

/STORAGE/RESOLVE/PATH



Documentation not available in this release. Please contact SIATEL SA for support.

ZIPSTREAM

/STORAGE/READ/ZIPSTREAM



Documentation not available in this release. Please contact SIATEL SA for support.

ADDITIONAL INFORMATION

This section addresses detailed information on several topics.

OBJECT FLAGS

Objects generally have complex properties; to avoid unnecessary database overload, a caller application can request only certain properties for the objects it retrieves; similarly, when creating or updating an object, a caller application can specify which fields are provided for a given operation.



All flags are bit values, which means combinations can be made using bitwise operators.



Flags for different objects may overlap; this means that a flag assigned for one particular object may have the same numeric value as the flag assigned to a different object. For instance, the "real name" field of the "user" object has the same numeric value (same bit) as the "script type" field of the "script" object. However, this never results in conflicts since requests never return multiple objects of different types.

COMMON FLAGS

These flags apply to all objects that share the corresponding properties. For a complete list of flags and combinations, please use the generated source code files.

id

0x0000000000000001 hex or 1 decimal

label

0x0000000000000002 hex or 2 decimal

ownerId

0x0000000000000004 hex or 4 decimal

flags

0x0000000000000008 hex or 8 decimal

description

0x0000000000000010 hex or 16 decimal

formId

0x0000000000000080 hex or 128 decimal

attributes

0x00000000000000100 hex or 256 decimal

fileId

0x00000000000000200 hex or 512 decimal

dateC

0x00000000000001000 hex or 4096 decimal

dateM

0x00000000000002000 hex or 8192 decimal

SPECIFIC FLAGS

EXAMPLES

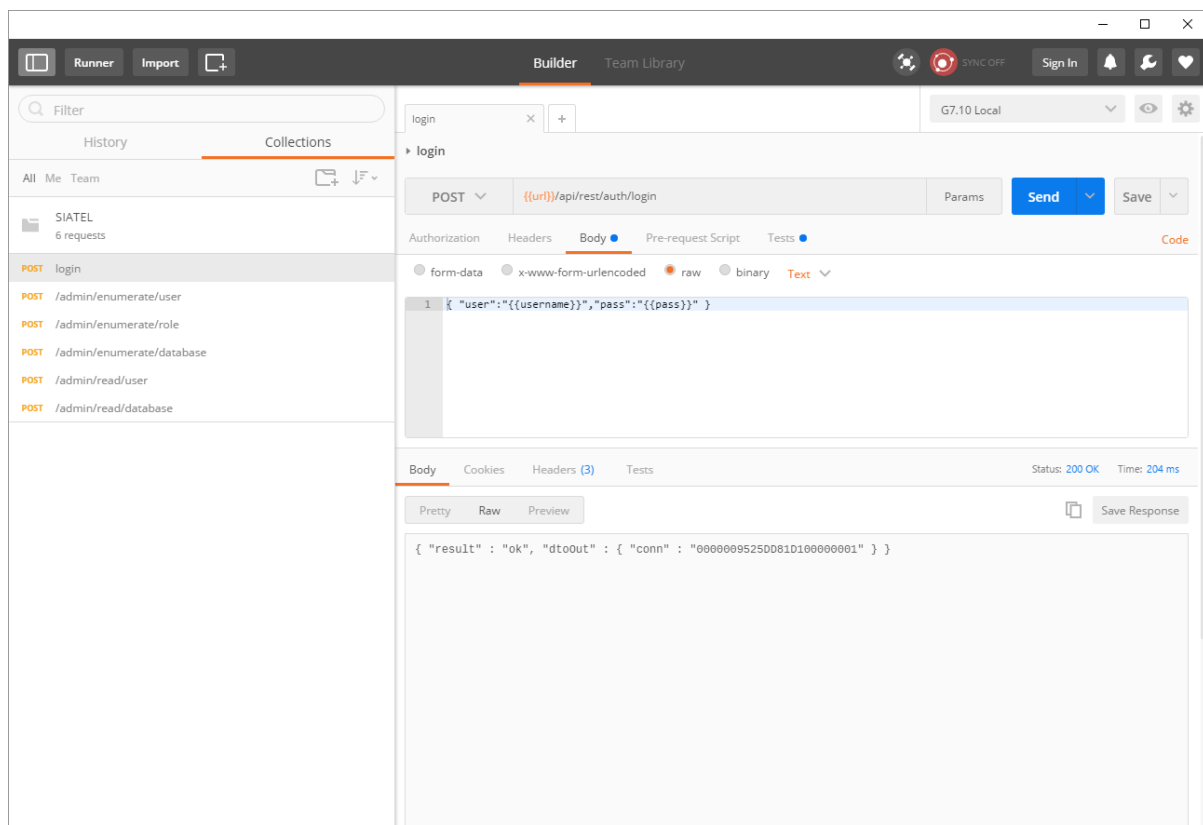
This section includes a few examples on how to use the Gargantua REST API.

TEST ENVIRONMENT

A test environment can be setup to test the Gargantua REST API. This environment can also be used to validate requests made by a calling application.

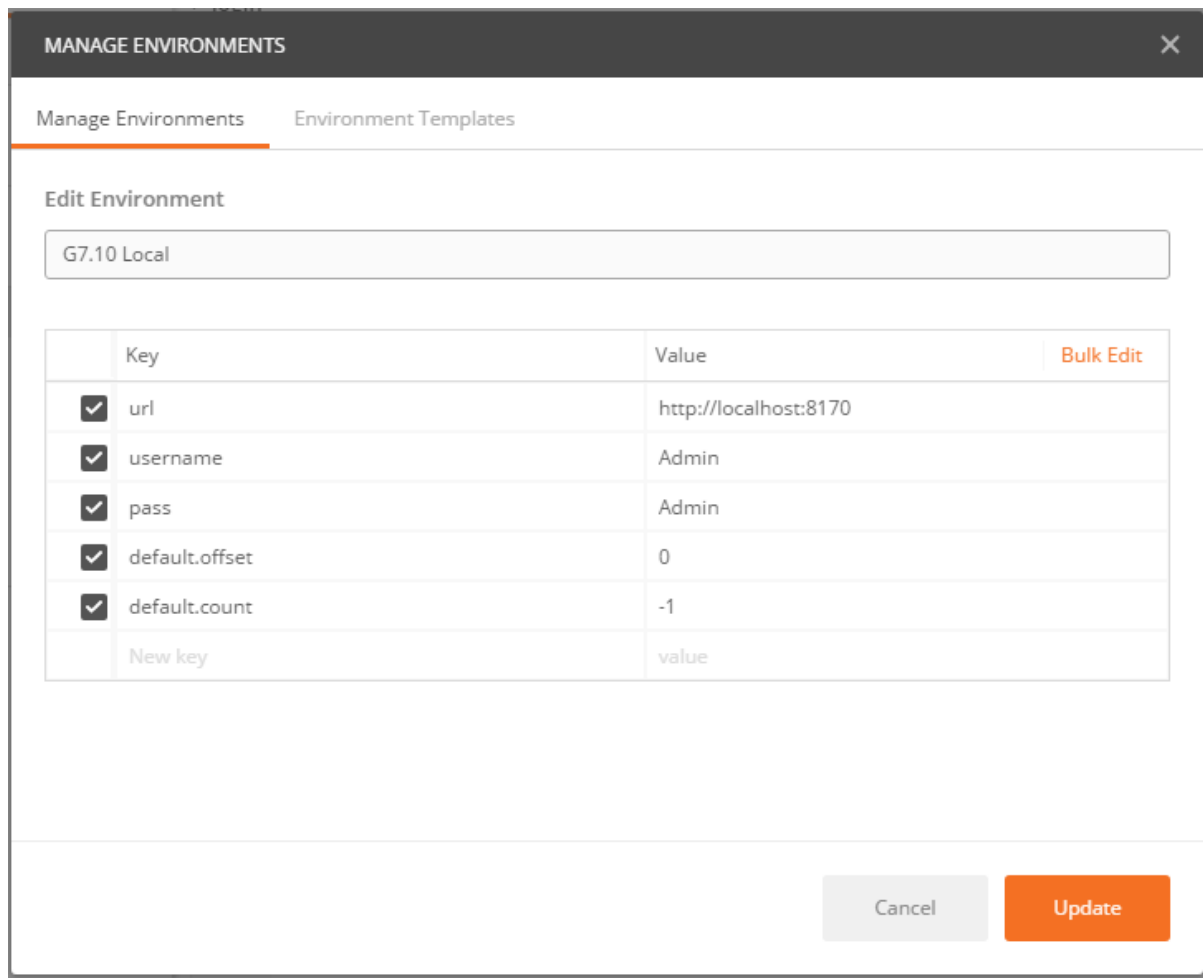
The Postman software package can be used to connect to a Gargantua server; it can be downloaded from :

<https://chrome.google.com/webstore/detail/postman/fhbjgbiflinjbdggehcdcbncdddomop?hl=en>



ADVANCED SETTINGS

The Postman environment can be setup to use parametrized requests and execute tests; this can help in automating the validation process. All our examples use a set of simple keys to indicate the server URL, user name and password.



MANAGE ENVIRONMENTS

Manage Environments Environment Templates

Edit Environment

G7.10 Local

	Key	Value	Bulk Edit
☒	url	http://localhost:8170	
☒	username	Admin	
☒	pass	Admin	
☒	default.offset	0	
☒	default.count	-1	
	New key	value	

Cancel Update

AUTHENTICATION

The authentication request does not require the conn header value; instead, it returns one.

Request URL :

```
http://domain.example.com:port/siatel-web/api/rest/auth/login
```

Request headers :

```
none
```

Request body :

```
{
  "user": "Admin",
  "pass": "Admin"
}
```

Response body :

```
{
  "result" : "ok",
  "dtoOut" : {
    "conn" : "00000070258A928000000001"
  }
}
```



At this point, a caller application should save the connection token for later use.



The connection token is always a 24 digit hexadecimal number.

ENUMERATE FIRST 2 USERS

This example retrieves the first three users available in the system.

Request URL :

```
http://domain.example.com:port/siatel-web/api/rest/admin/enumerate/user
```

Request headers :

```
"conn" : <previously saved connection token>
```



The connection token should have been saved by a previous call to /auth/login; see [here](#) for an example.

Request body :

```
{
  "flags":1080933179801481247,
  "offset":0,
  "count":2
}
```



The value used for flags in this example ("1080933179801481247") is the decimal equivalent of hexadecimal value "0xF003F000000301F", which is the numeric value of "Flag.USER_ALL". See the flags section for more details.

Response body :

```
{
  "result" : "ok",
  "dtoOut" : {
    "list": [
      {
        "prefix": "USER",
        "id": "USER0000000000630000000000000000000000",
        "label": "user1",
        "ownerId": "USER0000000000010000000000000000000000",
        "flags": 17592186044417,
        "dateC": 1477429200392,
        "dateM": 1491771600246,
        "description": null,
        "realName": "test user 1",
        "privileges": 251658240,
        "externalDirectoryId": "ldap://192.168.1.201:389/
CN=user1,CN=Users,dc=siatel,dc=ro",
        "dateLogin": -1,
        "dateLogout": -1,
        "profileId": "USPR0000000000010000000000000000000000",
        "workingPlannerId": null,
        "accessRestrictedByWorkingPlanner": false,
        "email": "user1@siatel.ro"
      },
      {
        "prefix": "USER",
        "id": "USER0000000000610000000000000000000000",
        "label": "user2",
        "ownerId": "USER0000000000010000000000000000000000",
        "flags": 4294967296,
        "dateC": 1473954415064,
        "dateM": 1479732629742,
        "description": "a",
        "realName": "test user 2",
        "privileges": 1152,
        "externalDirectoryId": null,
        "dateLogin": 1474518837376,
        "dateLogout": -1,
        "profileId": "USPR0000000000010000000000000000000000",
        "workingPlannerId": "PLAN0000000000000000000000000000000000",

```

```

        "accessRestrictedByWorkingPlanner": false,
        "email": null
    }
}
}
}

```

RETRIEVE USER DETAILS BY ID

This example retrieves the details of an existing user.

Request URL :

```
http://domain.example.com:port/siatel-web/api/rest/admin/read/user
```

Request headers :

```
"conn" : <previously saved connection token>
```



The connection token should have been saved by a previous call to /auth/login; see [here](#) for an example.

Request body :

```

{
  "flags":1080933179801481247,
  "object":{
    "prefix":"USER",
    "id":"USER0000000000630000000000000000000000000000"
  }
}

```



The value used for flags in this example ("1080933179801481247") is the decimal equivalent of hexadecimal value "0xF003F000000301F", which is the numeric value of "Flag.USER_ALL". See the flags section for more details.

Response body :

```

{
  "result" : "ok",
  "dtoOut" : {
    "object": {
      "prefix":"USER",
      "id":"USER0000000000630000000000000000000000000000",

```

```

        "label": "user1",
        "ownerId": "USER000000000001000000000000000000000000",
        "flags": 17592186044417,
        "dateC": 1477429200392,
        "dateM": 1491771600246,
        "description": null,
        "realName": "test user 1",
        "privileges": 251658240,
        "externalDirectoryId": "ldap://192.168.1.201:389/
CN=user1,CN=Users,dc=siatel,dc=ro",
        "dateLogin": -1,
        "dateLogout": -1,
        "profileId": "USPR000000000001000000000000000000000000",
        "workingPlannerId": null,
        "accessRestrictedByWorkingPlanner": false,
        "email": "user1@siatel.ro"
    }
}
}

```

CREATE A FOLDER

This example shows how to create a folder; the folder is given a name and some attributes.

Request URL :

```
http://domain.example.com:port/siatel-web/api/rest/ged/create/folder
```

Request headers :

```
"conn" : <previously saved connection token>
```



The connection token should have been saved by a previous call to /auth/login; see [here](#) for an example.

Request body :

```

{
  "parentId": "FLDR003E001852850000000000000000000000000000",
  "object": {
    "prefix": "FLDR",
    "id": "FLDR003E000000000000000000000000000000000000",
    "formId": "DFFR003E0000000020000000000000000000000000",
    "label": "folder created using rest api"
    "attributes": [
      {

```

```

        "prefix": "DFAT",
        "id": "DFAT003E00000064000000000000000000000000",
        "typeId": "DFTY003E000000010000000000000000000000",
        "value": "987654321"
    },
    {
        "prefix": "DFAT",
        "id": "DFAT003E00000065000000000000000000000000",
        "typeId": "DFTY003E000000010000000000000000000000",
        "value": "ANDERSON"
    },
    {
        "prefix": "DFAT",
        "id": "DFAT003E00000066000000000000000000000000",
        "typeId": "DFTY003E000000010000000000000000000000",
        "value": "KENEATH"
    }
]
}

```

Response body :

```

{
    "result" : "ok",
    "dtoOut" : {
        "objectId": "FLDR003E001852870000000000000000000000",
        "dateC": 1493046208760
    }
}

```



The API will return the newly created folder's ID along with the creation timestamp.