

UPGRADE - LINUX

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INTRODUCTION

Gargantua is continuously improved and SIATEL regularly releases new versions of its software with bug fixes and extended functionalities: upgrading your installation of Gargantua will allow you to benefit from these improvements without losing any of your existing data.

The Gargantua upgrade can affect:

- The license;
- The Gargantua server;
- The server and/or browser plugins;
- Gargantua Administration Tool.

Depending on the components that want an upgrade, the upgrade kit provided by SIATEL will contain **one or more** of the following files and folders:

- For the license: `server.lic`;
- For the server: `siatel-realm-tomcat6.jar` and/or `siatel-web.war/ROOT.war` (the appropriate name for the latter file depends on the characteristics of your installation: see [below](#));
- For the server plugins: `plugins`;
- For Gargantua Administration Tool: `siatel-administrator-windows-x86_32.zip` (for 32 bits Operating Systems) et `siatel-administrator-windows-x86_64.zip` (for 64 bits Operating Systems).



This document describes all update procedures for Gargantua, so it can refer to files not contained in the kit you received. If such is the case, just ignore the related instructions and jump to the following step.

PREREQUISITES AND PREPARATION

Gargantua can be installed independently from the Tomcat supplied by Siatel.

Indeed, it is possible to install Linux Tomcat and not the one supplied with Gargantua.

To follow correctly the update procedure, you must note all the paths referring to your installation.

To illustrate the update procedure, we will use the default paths of a standard installation.

1. Tomcat configuration file path.
 - By default: **/etc/tomcat6**
2. Starting script path and stopping the Tomcat service.
 - By default: **/etc/init.d/tomcat6**
3. Tomcat binaries path.
 - By default: **/usr/share/tomcat6**
4. Webapps folder path.
 - By default: **/var/lib/tomcat6/webapps**
5. Cache folder path.
 - By default: **/var/cache/tomcat6**
6. Log folder path.
 - By default: **/var/log/tomcat6**
7. Gargantua server installation path.
 - By default: **/opt/gargantua7server**

STOPPING THE TOMCAT SERVICE



Before updating Gargantua, you need to stop the Tomcat service.

To stop the Tomcat service:

- Either: use the following command:

```
service tomcat6 stop
```

- Either: navigate through the folder containing the tomcat6 script:

```
cd /etc/init.d/
```

then, use the following command:

```
tomcat6 stop
```

You have stopped the Tomcat service.

UPDATING THE LICENSE

After stopping the Gargantua service, you can update your license if SIATEL has provided you with a new **server.lic** file.

To update the license:

1. Go to the **conf** folder in your Gargantua server installation directory - by default, **/opt/gargantua7server/conf**.
2. Replace the **server.lic** file in this folder by the new one.

You have updated the license.

UPGRADING THE GARGANTUA SERVER

Once you have stopped the Gargantua service (and installed the new license, if necessary), you can upgrade your Gargantua server.

To upgrade the Gargantua server:

1. If the upgrade kit contains a `siatel-realm-tomcat6.jar` file, do step 2 to 5 of this procedure.

Otherwise, jump to step 6.

2. Go to the following folder: `/usr/share/java` - or to your Java installation folder.
3. Replace the `siatel-realm-tomcat6.jar` file in this folder by the new one.
4. Go to the `/usr/share/tomcat6/lib` folder with the following command:

```
cd /usr/share/tomcat6/lib
```

5. Create a link to the `siatel-realm-tomcat6.jar` file located in the `/usr/share/java` folder with the following command:

```
ln -s ../../java/siatel-realm-tomcat6.jar
```

6. If you are upgrading from Gargantua 7.7 or below, go to the `/var/lib/tomcat6/webapps/siatel-web/WEB-INF/lib` folder (or to the corresponding folder in your installation).
7. Copy the `bcmail-jdk16-1.46.jar`, `bcpg-jdk16-1.46.jar` and `bcprov-jdk16-1.46.jar` files.
8. Paste them in the `/usr/share/tomcat6/lib/` folder (or in the corresponding folder in your installation).
9. Go to the `var/lib/tomcat6/webapps` folder - or to the corresponding folder in your installation.
10. Depending on the characteristics of your installation, delete **either** the `siatel-web` folder and the `siatel-web.war` file, **or** the `ROOT` folder and the `ROOT.war` file.



The old folders and files must absolutely be deleted, not renamed: this would generate major malfunctions in the Gargantua server.

11. Paste the new `.war` file provided by SIATEL in the `C:\siatel\Gargantua7server\apache-tomcat\webapps` folder - or in the corresponding folder in your installation.



The new ".war" file must have the same name as the old one you just deleted: rename it if necessary.

12. Go to the following folder (or to the corresponding folder in your installation): `/var/cache/tomcat6/Catalina/localhost`.
13. Depending on the characteristics of your installation, delete **either** the `siatel-web` folder (if your `.war` file is called `siatel-web.war`) **or** the `_` folder (if your `.war` file is called `ROOT.war`).



The folders you have just deleted (`"siatel-web"` or `"ROOT"` and `"_"`) will be re-created automatically when you launch the Gargantua service.

INSTALLING/UPGRADING THE SERVER PLUGINS

Before you restart the Gargantua service, you can now install and/or upgrade the server plugins.

To install/upgrade the server plugins:

1. Open the `plugin` folder in the upgrade kit provided by SIATEL.
2. Copy the .jar files corresponding to the server plugins you want to install and/or upgrade.
3. Go to the `/opt/gargantua7server/plugin` directory - or to the corresponding directory in your installation.
4. Paste the .jar files you have just copied in this directory, so that the new files replace the older ones, if any.

You have installed/upgraded the server plugins.

RESTARTING THE GARGANTUA SERVICE

You can now restart the Tomcat service.

To restart the Tomcat service:

- Either: use the `service` command:

```
service tomcat6 start
```

- Either: execute the Tomcat script file:

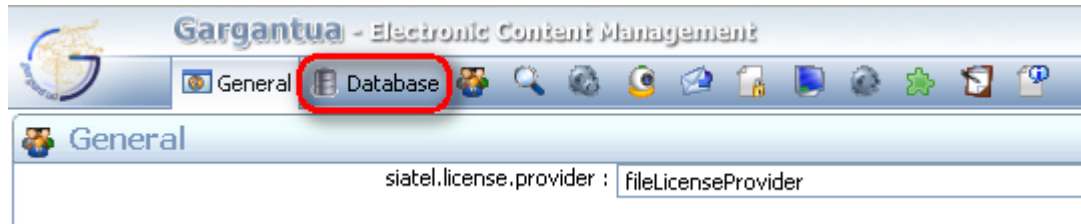
```
cd /etc/init.d/  
tomcat6 start
```

You have restarted the Tomcat service.

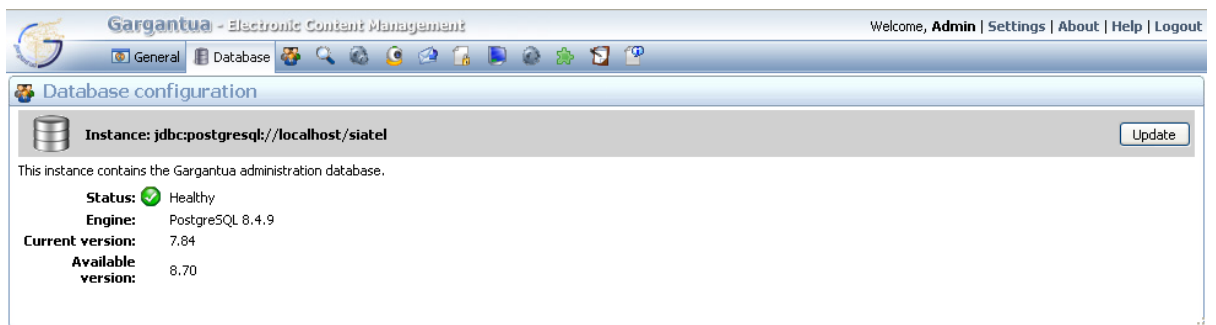
UPDATING THE GARGANTUA DATABASE

After upgrading the server, you must update the database:

1. Launch your browser and clear the cache.
2. Connect to Gargantua using the Admin account.
3. Click the **Database** tab in the upper left hand corner of the screen.

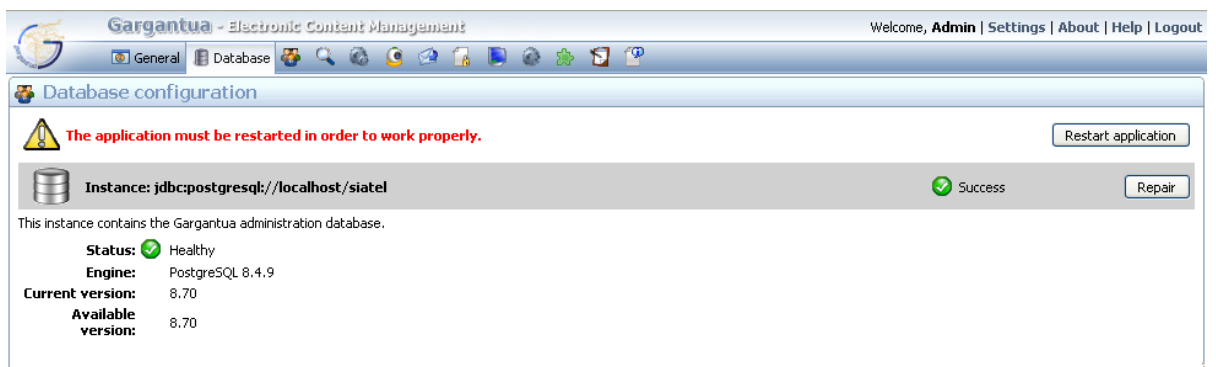


4. Click the **Update** button.

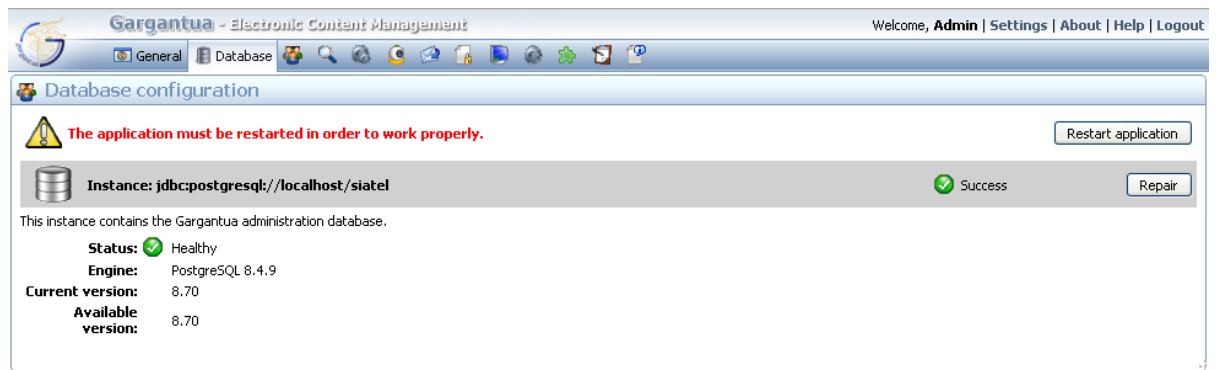


If a “Repair” button appears instead of the “Update” button, then no action is required at this stage: jump to the server plugins deployment procedure.

5. Make sure a **Success** message appears.



6. Click the Restart application button.



UPDATING THE BROWSER AND MICROSOFT OUTLOOK/MOZILLA THUNDERBIRD PLUGINS

You must now check whether newer versions of the browser plugins are available and, if so, install them.



When you finish this procedure, you may have to restart your computer. Therefore, we recommend that you save and close all documents and programs that are currently running on your machine.

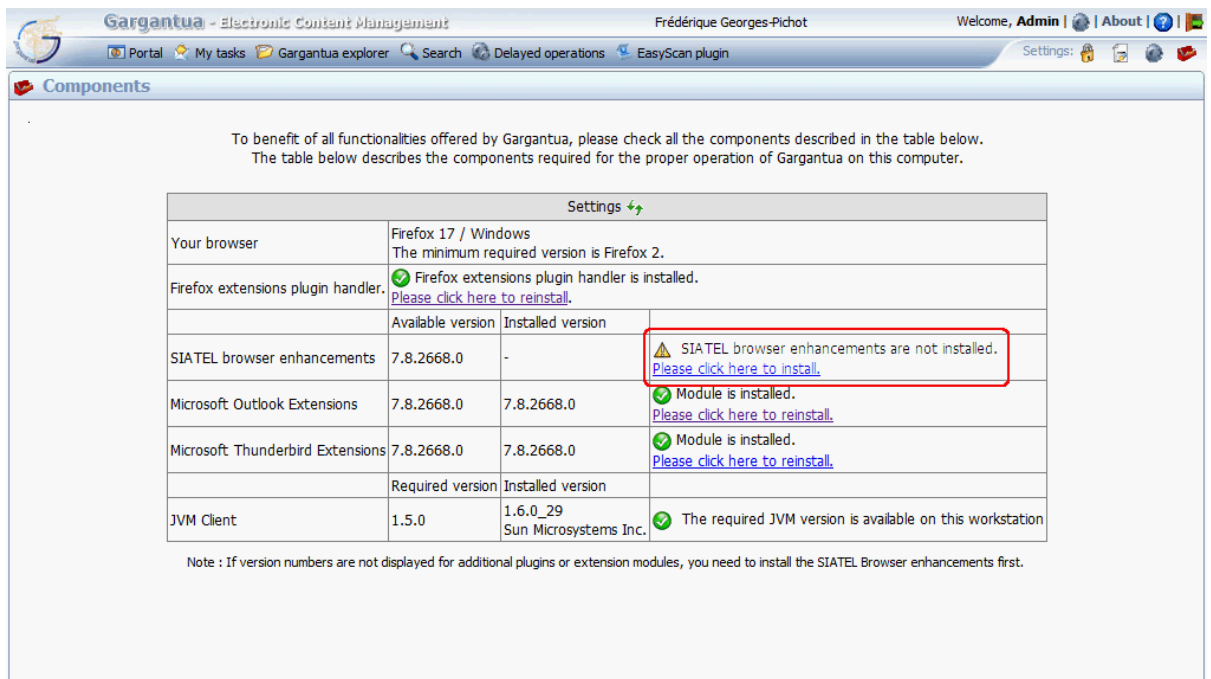


Starting from Google Chrome 21, you need to follow a specific procedure to be able to update the plugins (see “Enabling the installation of extensions from outside Chrome Web Store” in the “Web Client Configuration” documentation).

To update the browser and Microsoft Outlook/Mozilla Thunderbird plugins, proceed as follows:

1. Launch a browser and load the URL to your Gargantua server.
2. Connect with the account of a user who has the following privileges: **Customize settings** and **Install plugins**.
3. When connected, click the **Settings** link or the  icon in the upper right hand corner of the screen.
4. Click the  icon in the upper right hand corner of the screen.

If the Gargantua plugins want an upgrade, warnings appear on the following screen:



To benefit of all functionalities offered by Gargantua, please check all the components described in the table below.
The table below describes the components required for the proper operation of Gargantua on this computer.

Settings ↕			
Your browser	Firefox 17 / Windows The minimum required version is Firefox 2.		
Firefox extensions plugin handler.	✔ Firefox extensions plugin handler is installed. Please click here to reinstall.		
	Available version	Installed version	
SIATEL browser enhancements	7.8.2668.0	-	⚠ SIATEL browser enhancements are not installed. Please click here to install.
Microsoft Outlook Extensions	7.8.2668.0	7.8.2668.0	✔ Module is installed. Please click here to reinstall.
Microsoft Thunderbird Extensions	7.8.2668.0	7.8.2668.0	✔ Module is installed. Please click here to reinstall.
	Required version	Installed version	
JVM Client	1.5.0	1.6.0_29 Sun Microsystems Inc.	✔ The required JVM version is available on this workstation

Note : If version numbers are not displayed for additional plugins or extension modules, you need to install the SIATEL Browser enhancements first.

5. If the plugins are up to date, the procedure is complete.

If not, click the **Please click here to install** link.

A dialog displays and allows you to download the plugins setup wizard.

6. Click the **Save** button.
7. When the download is complete, log out and close your browser.
8. Go to the folder where your downloads are stored.
9. Double-click the **siatel-plugins.msi** file in order to launch the setup wizard and go through the installation process.

Unless you want to override the default settings, you just need to click **Next** at each step.

Depending on the characteristics of your system, you may have to restart your machine after the installation of the plugins is complete.

10. If a message says you must restart your computer, do so.

If not, just launch your browser again.

The following information now displays on the **Components** screen:

Gargantua - Electronic Content Management Frédérique Georges-Pichot Welcome, Admin | About | Settings

Portal My tasks Gargantua explorer Search Delayed operations EasyScan plugin

Components

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Firefox extensions plugin handler.	✔ Firefox extensions plugin handler is installed. Please click here to reinstall.		
	Available version	Installed version	
SIATEL browser enhancements	7.8.2668.0	7.8.2668.0	✔ SIATEL browser enhancements are installed. Please click here to reinstall.
Microsoft Outlook Extensions	7.8.2668.0	7.8.2668.0	✔ Module is installed. Please click here to reinstall.
Microsoft Thunderbird Extensions	7.8.2668.0	7.8.2668.0	✔ Module is installed. Please click here to reinstall.
	Required version	Installed version	
JVM Client	1.5.0	1.6.0_29 Sun Microsystems Inc.	✔ The required JVM version is available on this workstation

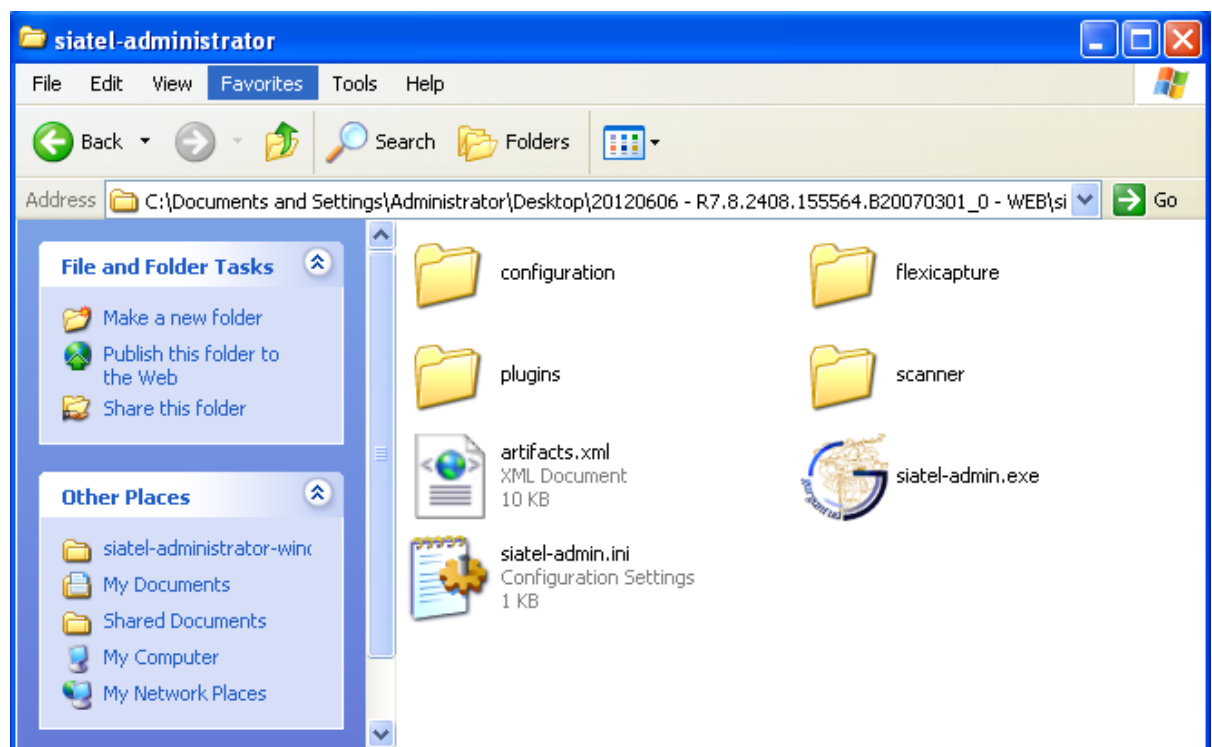
Note : If version numbers are not displayed for additional plugins or extension modules, you need to install the SIATEL Browser enhancements first.

UPGRADING GARGANTUA ADMINISTRATION TOOL

You need to upgrade Gargantua Administration Tool:

1. Depending on whether your Operating System is 32 bits or 64 bits, unzip the [siatel-administrator-windows-x86_32.zip](#) or the [siatel-administrator-windows-x86_64.zip](#) archive provided in the upgrade kit.

It must contain the following:



2. Go to the `C:\siatel\Gargantua7server\siatel-administrator` folder - or to the corresponding folder in your installation.
3. Copy the contents of the unzipped archive into the above `C:\siatel\Gargantua7server\siatel-administrator` folder (or equivalent).

The duplicate elements are replaced while the others remain unchanged.

Congratulations: Gargantua has been successfully upgraded!