Plug-in Install Auto

Introduction

The objective of this document is to explain how to use the plug-in "Install Auto".
With this plug-in you can:

⇨ Visualize existing new versions
⇨ Retrieve new version from ProjeQtOr Servers
⇨ Install a new version

Global structure of the plug-in

When the plug-in is installed, you get a new button, to go to "Upgrade application" screen:

ProjeQtOr

Upgrading ProjeQtOr to new Version

Check prerequisites

The first section of the screen reminds you the prerequisites before migration

1) **Application should be closed**

You can use the available `close application` button to close application, or go to the Administration screen to do this.

2) **All users should be disconnected**

You can use the available `disconnect all users` button to disconnect still connected users, or go to the Administration screen to do this.

3) **You should backup your database before migration**
There is no included tool to do this.
You can use the tool you know best, such as PhpMyAdmin or MySqlDumper or inline MySql command to backup your database, or you can get the "Backup Database" plugin that will integrate this feature into ProjeQtOr.

When you're ready, Requirements should look like this
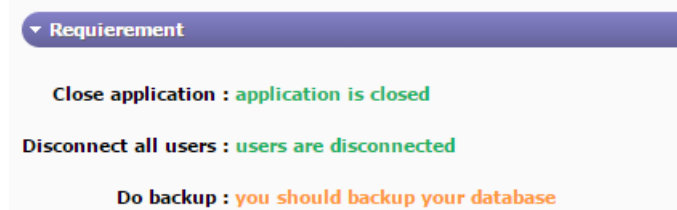
NB: don't forget to re-open the application when migration is completed.

Check current Version

The Upgrade section will remind you the current version of ProjeQtOr (the one you are using)
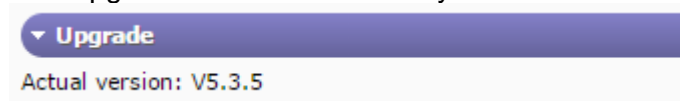
Retrieve zip file

You need to retrieve the zip file that you will install to migrate your instance to new version of ProjeQtOr. Two methods exist to do it, second (automatic) is the advised one.

1) **Manual upload**
You can retrieve the zip file containing new ProjeQtOr version from ProjeQtOr web site.
This file will be named projeqtorVx.y.z.zip, where Vx.y.z is the version.
Then you can either:
   a) Put it directly in the directory "/projeqtor/plugin/installAuto/files", if you have access to the server. But this is not the advised way (see below)
   b) Upload the zip file through the plugin screen

Click the "Browse…" button, and select the zip file on your local drives.

2) Automatic upload

The best way to retrieve the zip file containing new ProjeQtOr version is to let the plug-in do it.

The plug-in screen lists all versions available (version over your actual version)

click on a version below to download it from ProjeQtOr website

version	element
V5.4.0	unstable version
V5.4.1	unstable version
V5.4.2	unstable version
V5.4.3	unstable version
V5.4.4	unstable version
V5.4.5	stable version
V5.5.0	unstable version
V5.5.1	unstable version
V5.5.2	unstable version
V5.5.3 (Advised version)	last stable version

You then just have to click on the name of a version to start and download it.

projeqtorV5.4.5.zip	10%

Note that you cannot download all versions, you can only retrieve:
- any stable release
- the latest release (stable or not)

The advised version is always the last stable release (highlighted in green)

Also note that your server will need to be able to access ProjeQtOr servers through the network.

This means that:
- your server has access to internet network
- no firewall or other network protection item blocks access to projeqtor.org domain
- your php configuration must allow opening files from distant url, this means that in php.ini, you must have:

```
allow_url_fopen = On
```

and safe_mode must be disabled (this feature no longer exists since PHP V5.4.0)

Note that if all is correct, Admin should receive information about new versions of ProjeQtOr each time a new version is deployed:

V5.5.3

New version V5.5.3 is available at ProjeQtOr website
http://www.projeqtor.org

remind me in 15 mn remind

mark as read

In the end, your zip file is ready for installation:

▼ Available installations

Installations files (zip format) are found in '/plugin/installAuto/files'

	file	date	size
➕ ✖	projeqtorV5.4.5.zip	11/10/2016	18.5 MB

Install new version

In the available installations list, click on the ➕ button of the version you want to install:
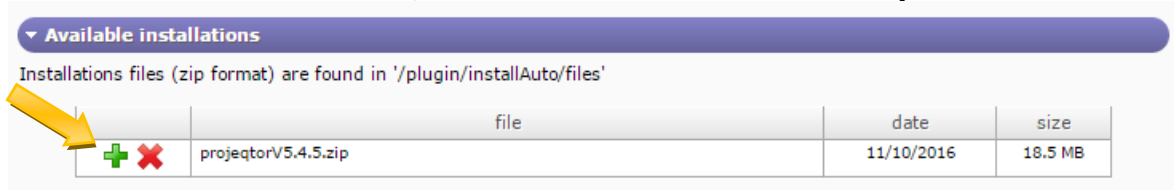
then confirm :
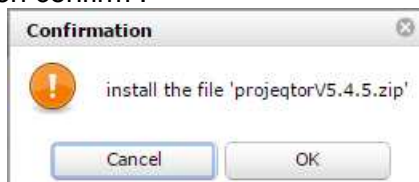
Note that all other installable zip files will be removed.

Installation process is automatic and may last few minutes.

When it is finished, you are automatically disconnected to finalize the installation.

Finalize migration

Reconnect with an Admin account:

and wait until process is complete

*If some errors are reported, retrieve ProjeQtOr log file and post it in the forum for help.*

Re-open the application so that users can connect again, on brand new version.

Advise on migration Process

Few days before migration

Add a message on login page to inform users that application will be closed for maintenance. (indicate the date and hour in the message)
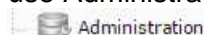 ⇨ use Tools / Message feature
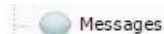
  💬 Messages

  and create message with "show on login screen" checked

  show on login screen : ✔

Few hours before migration

Close application, so that no new user can connect.
  ⇨ use Administration feature

  🗄 Administration

  and close application with the message you wish

  application status : open

  [close application] ⬅

  closed message : Application is closed.
  Only admin user can connect.
  Please come back later.

Connected users can continue to work.
Send them an Alert to remind them that application will be closed and that they may be disconnected.
  ⇨ use Administration feature

  🗄 Administration

  and send internal alert to all connected users

  addressees : all connected users
  sent date : 11/10/2016   16:05
  type : alert
  title : Please disconnect before 17:00
  message : Maintenance is palnned at 17:00, you will be automatically disconnected.
  [send] ⬅

Retrieve zip file of the version you want to install
  ⇨ *see above*

Run migration

Disconnect all connected users.
  ⇨ use Administration feature

  🗄 Administration

  and disconnect all users that are still connected

  active connections : 1
  [disconnect all users] ⬅

Backup database.
  ⇨ use phpMyAdmin, mySqlDumper, MySql command line or "Backup Database" plugin
Install new version
  ⇨ *see above*
Finalize migration
  ⇨ *see above*
  ⇨ and in the end, use Administration feature

  🗄 Administration

  to re-open the application

  application status : closed
  [open application] ⬅