FX-PROJECT ®

OPEN SOURCE

Version 24

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fx-project Open Source - Software
PATCH

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1 General

fx-project Open Source, Version 24, as of October 2024

1.1 Brief description

This tutorial explains step-by-step how to integrate a software adaptation (= patch) into an already installed version of fx-project Open Source.

Unless otherwise described, instructions always refer to the Ultimate version of fx-project Open Source, as it includes all functionalities.

1.2 Imprint

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2   fx-project Open Source - Software Patch

2.1   Preparations: Stop server / backups

➢ Make sure that no user is working with fx-project Open Source anymore.

➢ If possible, stop the web server, e.g. under Linux as root with:

    service apache2 stop

or e.g. under Windows by clicking on the Apache icon:

➢ Shrink and backup your current database.

PostgreSQL, e.g. using **pg_dump**

reindexdb -U postgres -F -q -a
vacuumdb -U postgres -z -a
pg_dump -U postgres -F c -x -f /act/_backups/**fxp.dmp** fxp

with: postgres   = database superuser
         /act/_backups/fxp**.dmp**   = backup file
         fxp   = current fx-project Open Source database
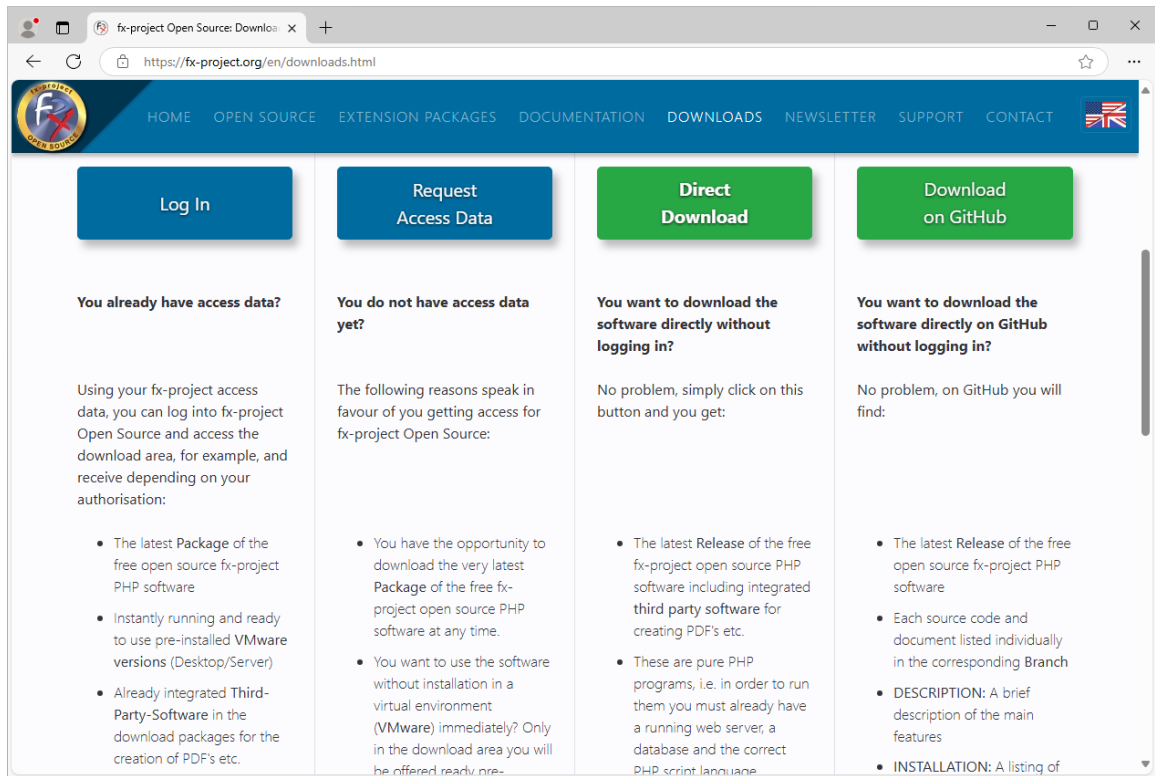
Microsoft's SQL Server, e.g. using **SQL Server Management Studio**

➢ Make a copy of the current fx-project Open Source directory for security purposes (here /act/web/**fxp**)

2.2 Download

On our website https://www.fx-project.org you can find the latest software adaptations (= patches) for your version of fx-project Open Source in the [**Downloads**] section.

(Illustration 1: The screenshot may differ depending on the version)

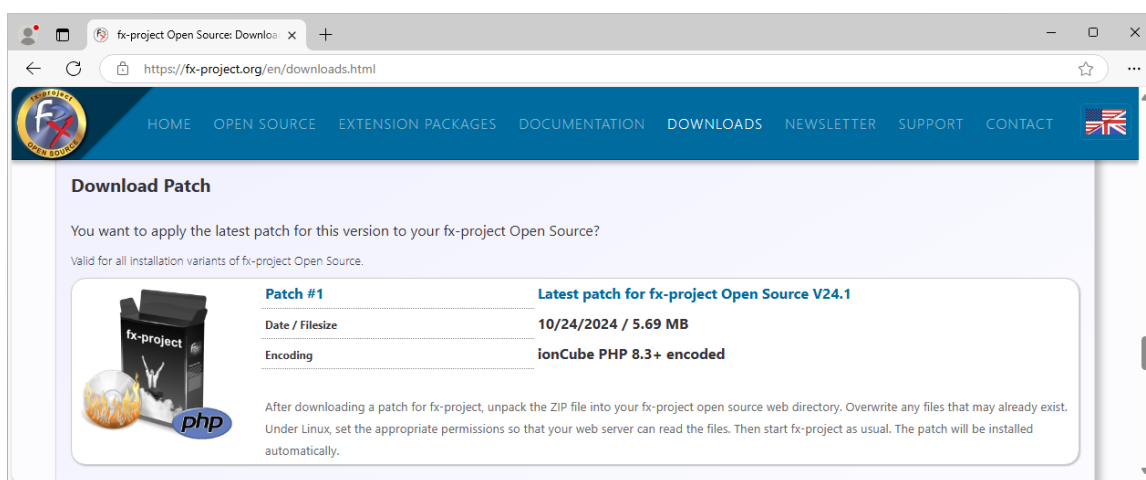| Notice: |
|---|
| *To access the download area of fx-project Open Source you need valid access data. If you do not have any access data yet, you can request new access data.* |

After logging in, you will see a listing of all available downloads.

Now check if there are already adapted program parts (**Patch**) for your version.

If yes, download the latest patch and unpack it directly into your fx-project Open Source directory (in our VMware version e.g. to /act/web/**fxp**).

Overwrite any existing files with the files from the patch.

(Illustration 2: The screenshot may differ depending on the version)

2.3   Assign rights

Make sure that the appropriate rights (read and write rights) are assigned to your fx-project Open Source directory (here e.g. : /act/web/**fxp).**

Linux / Apache

You can find out the Apache user and group in the "**httpd.conf"** under the entries "**user**" and "**group**". By default, for example, "wwwrun" and "www".

You assign the read or write permissions to the fx-project Open Source directory, for example, as follows:

➢ **chown** -R wwwrun:www /act/web/**fxp/**
➢ **chmod** -R 775 /act/web/**fxp/**

Windows / IIS

Make sure that the web server process account (for IIS, the user **IUSR_[host name]** or **IWAM_[host name]**) has read or write access.

➢ Properties of the directory
➢ Click security settings
➢ Add: Restrict the "Search in" selection field to [*computer name*] and add the users with a double-click.
➢ Confirm with "OK" and set the rights.

2.4   Start server

➢ If you have stopped the server it must now be restarted, e.g. under Linux as root with:

   service apache2 start
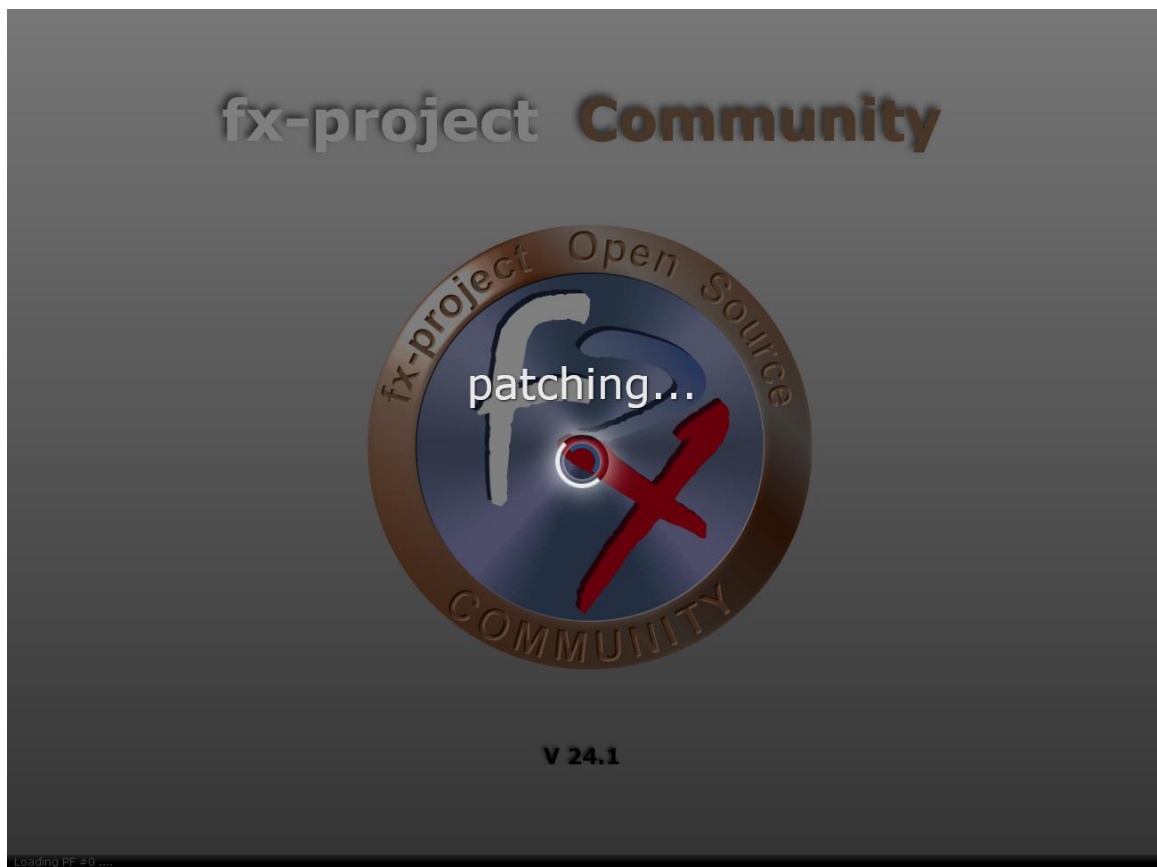
or e.g. under Windows by clicking on the Apache icon:

2.5 Start fx-project Open Source / Apply patch

Now start fx-project Open Source as usual in your web browser by entering the correct URL, e.g. "**http://localhost/index.php**".

The necessary database changes are made.

(Illustration 3: The screenshot may differ depending on the version)

After successfully applying the patch, the usual fx-project Open Source login page is displayed.

2.6   Login

(Illustration 4: The screenshot may differ depending on the version)