



FX-PROJECT® OPEN SOURCE

Version 21

**fx-project Open Source - Software
PATCH**



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1 General

fx-project Open Source, Version 21, as of March 2022

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

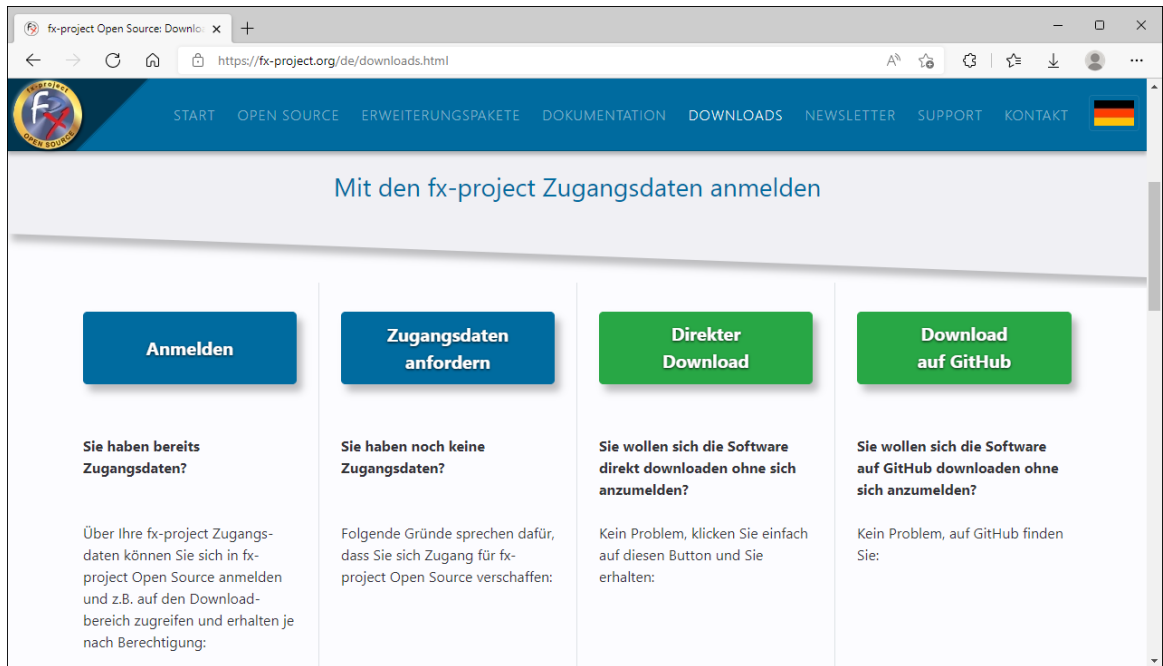
Microsoft's SQL Server, e.g. using **SQL Server Management Studio**

- 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.

The screenshot shows a web browser window with the URL `https://www.fx-project.org/de/downloads.html`. The page title is "Patch downloaden". Below the title, there is a question: "Sie wollen in Ihr fx-project Open Source den aktuellsten Patch für diese Version einspielen?". A note states: "Gültig für alle Installationsvarianten von fx-project Open Source." The main content area features a box for "Patch #2" with the following details:

| | |
|--------------------|---|
| Patch #2 | Aktuellster Patch für fx-project Open Source V21.2 |
| Datum / Dateigröße | 28.03.2022 / 5,40 MB |
| Codierung | ionCube PHP 7.2+ encoded |

Below the table, there is a small image of a software box labeled "fx-project" and a "php" logo. The text below the image reads: "Nach dem Download eines Patches für fx-project ist die ZIP-Datei in Ihr fx-project Open Source Webverzeichnis zu entpacken. Überschreiben Sie hierbei alle evtl. bereits vorhandenen Dateien. Setzen Sie unter Linux nun die entsprechenden Berechtigungen damit Ihr Webserver die Dateien lesen darf. Starten Sie anschließend fx-project wie gewohnt. Der Patch wird hierbei selbständig eingespielt."

(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 `WAM_[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

Login

User login

Client No.:

User Name:

Password:

Login

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



3 Third-Party Software Notice

For third-party software, the provisions of the respective manufacturer and its license rights shall apply. License rights of third-party software are only included if they are expressly agreed in the contract (operating system, database system, etc.).



Notice:

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