FX-PROJECT ®

OPEN SOURCE

Version 21

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1   General

fx-project version 21, as of October 2021

1.1   Brief Description

This tutorial explains step-by-step how to perform a new installation of fx-project.

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

1.2   Imprint

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2 fx-project - New Installation

2.1 Download

On our website https://www.fx-project.org you can find the latest version of fx-project Open Source incl. documentation, manuals, patches and/or extension packages in the [**Downloads**] section.
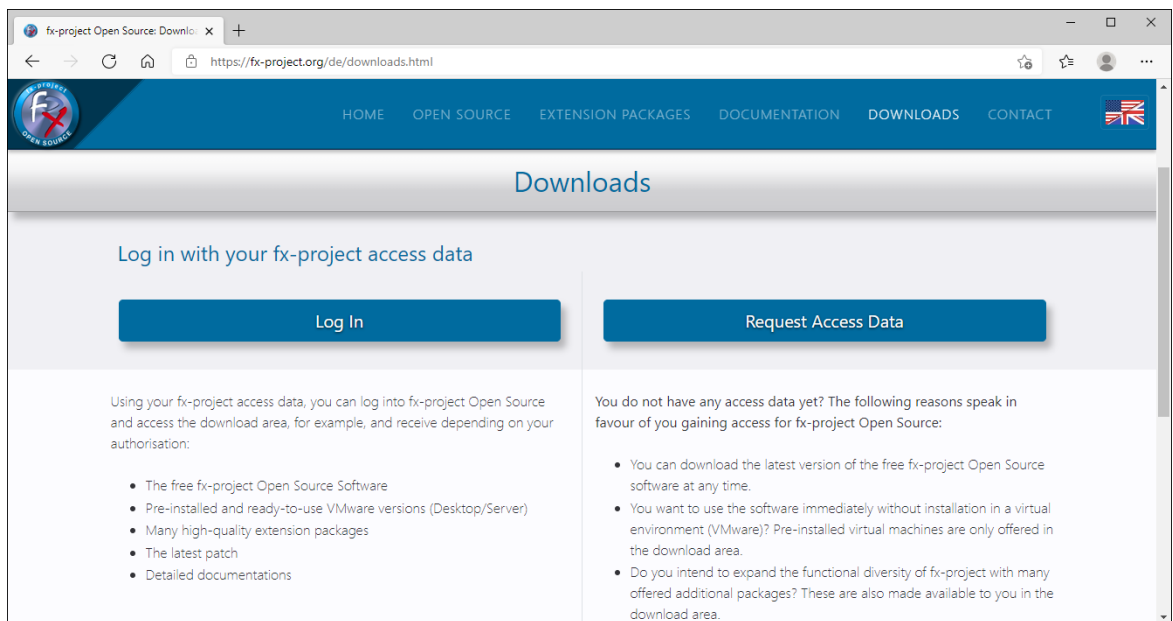
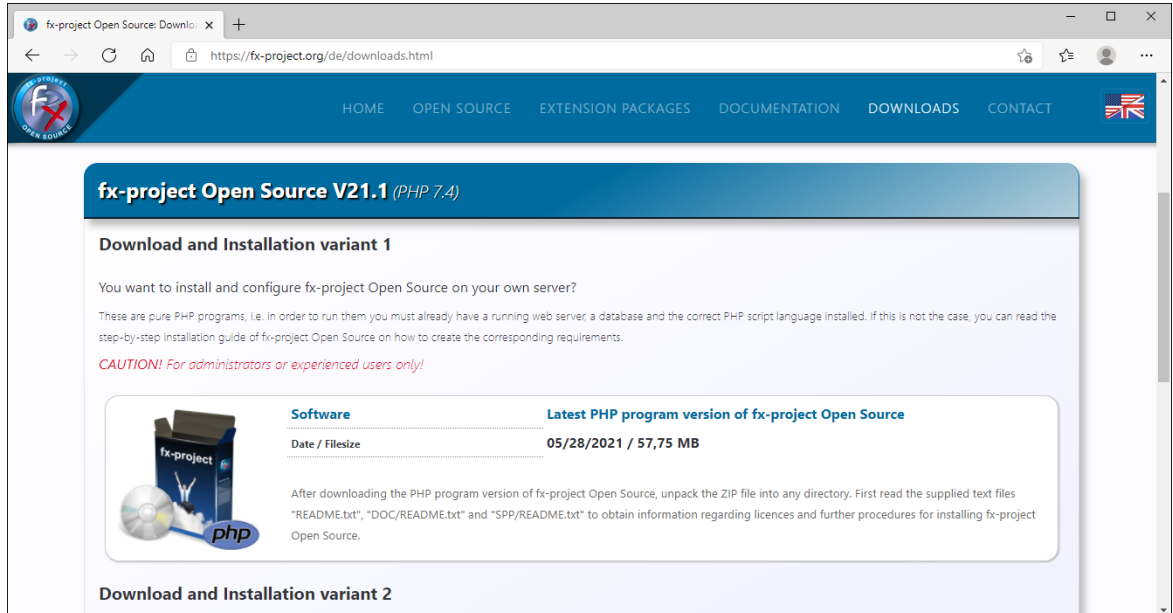*(Figure 1: The screenshot may differ depending on the version)*

Notice:
To access the download area of fx-project 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 list of all available downloads.

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

Download the latest program version (**Software**) and unpack the file into a previously created empty fx-project directory (here: **fxp**), which can be accessed from your web server.

If you prefer a ready-to-run and pre-installed virtual machine you can download the latest Server (**VMware (SERVER)**) or Desktop (**VMware (DESKTOP)**) version and open it in VMware.

If you bought **Extension Packages** you can download the file and unpack it into your fx-project directory (here: **fxp**). Overwrite all possibly already existing files while unpacking.

If you need comprehensive **Documentation** you can download the file and unpack it into your fx-project directory (here: **fxp**). Overwrite all possibly already existing files while unpacking.

Now check if there are already adjusted program parts (**Patch**) for this version available. If so, download the patch and unpack it into your fx-project directory (here: **fxp**). Overwrite all possibly already existing files while unpacking.
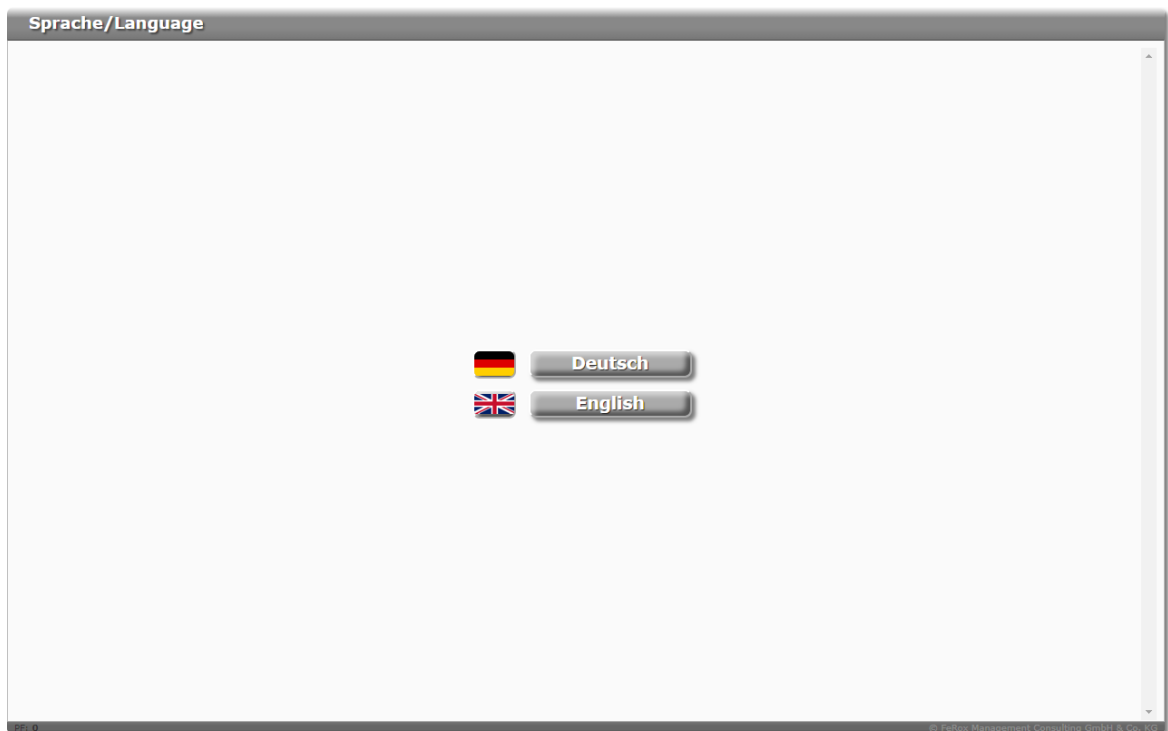
2.2 Language Selection

Start fx-project Open Source in your web browser by entering the correct URL, e.g. here http://localhost/FXP/**index.php**.

Here http://localhost/FXP is the address to your fx-project Open Source version.

fx-project can be installed in two languages by default:

- ➢ Deutsch (= German)
- ➢ English

Click on ⌐English⌐.

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

2.3 "fx_project.ini" Configuration File

fx-project searches for the "**fx_project.ini**" in the current "**fxp**" folder.

In this file the basic information for establishing the database connection is stored, such as Database type, name, user, etc.

If there is no "**fx_project.ini**" file in your "**fxp**" folder, it will be created automatically after you click on Create Configuration File .

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

Notice:
All passwords are stored encrypted in the "fx_project.ini"!
Two important random encryption keys (oskey32 + oskey64) will also be created. Especially the oskey32 is needed as a key for the extension packages.

2.4   Create Database

If the entered database was not found, fx-project will try to create a new empty database for PostgreSQL or SQL Server databases based on the user name and password.

If an error occurs here, this can have several causes:

- ➢ Wrong database system
- ➢ Database server is not installed or disabled
- ➢ Database username or password are incorrect
- ➢ Database user has no right to create a new database
- ➢ Database is not empty

2.5   Installation

The installation information screen appears after the successful creation of the "**fx_project.ini**" including the **empty database** found (see previous points).
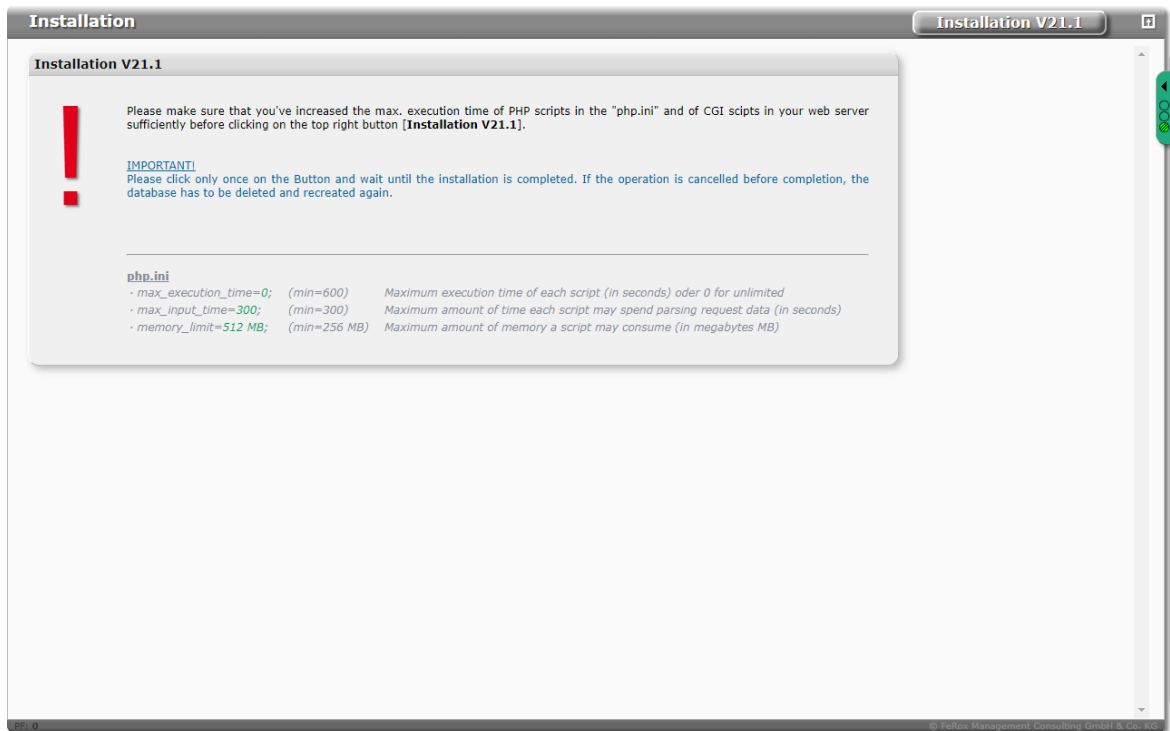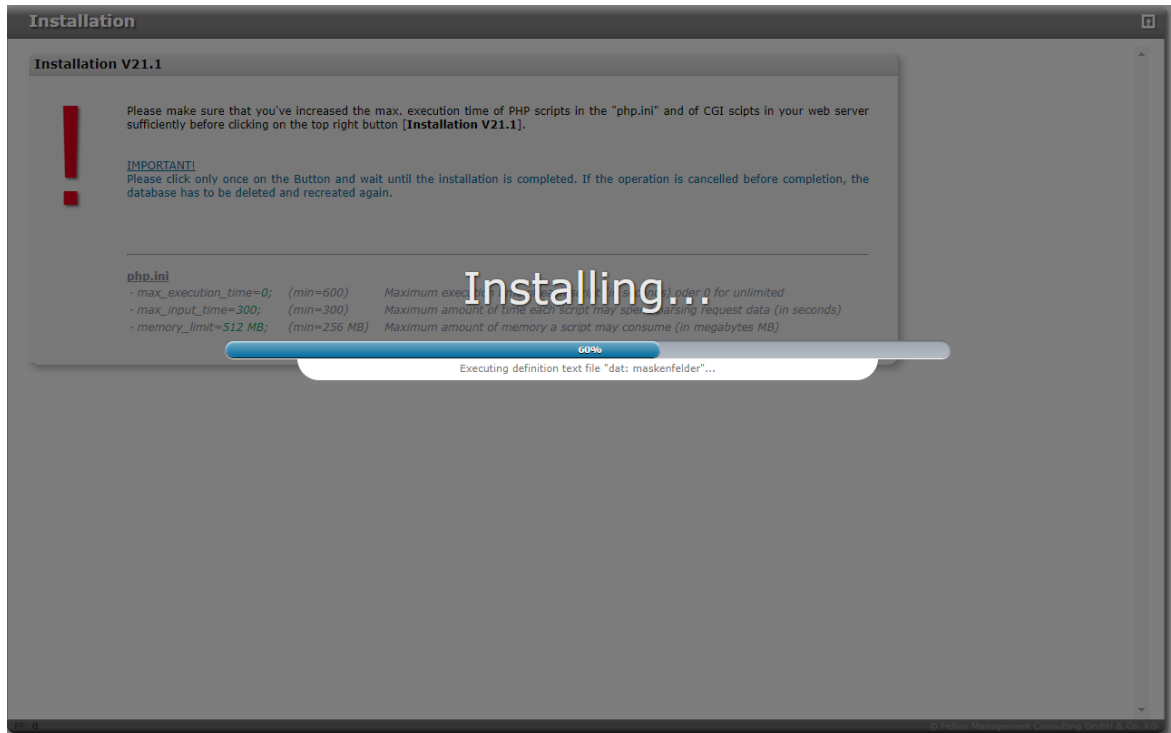

(Figure 5: The screenshot may differ depending on the version)

After clicking on [Installation] fx-project will be installed automatically, i.e. the database will be prepared and populated with necessary data.

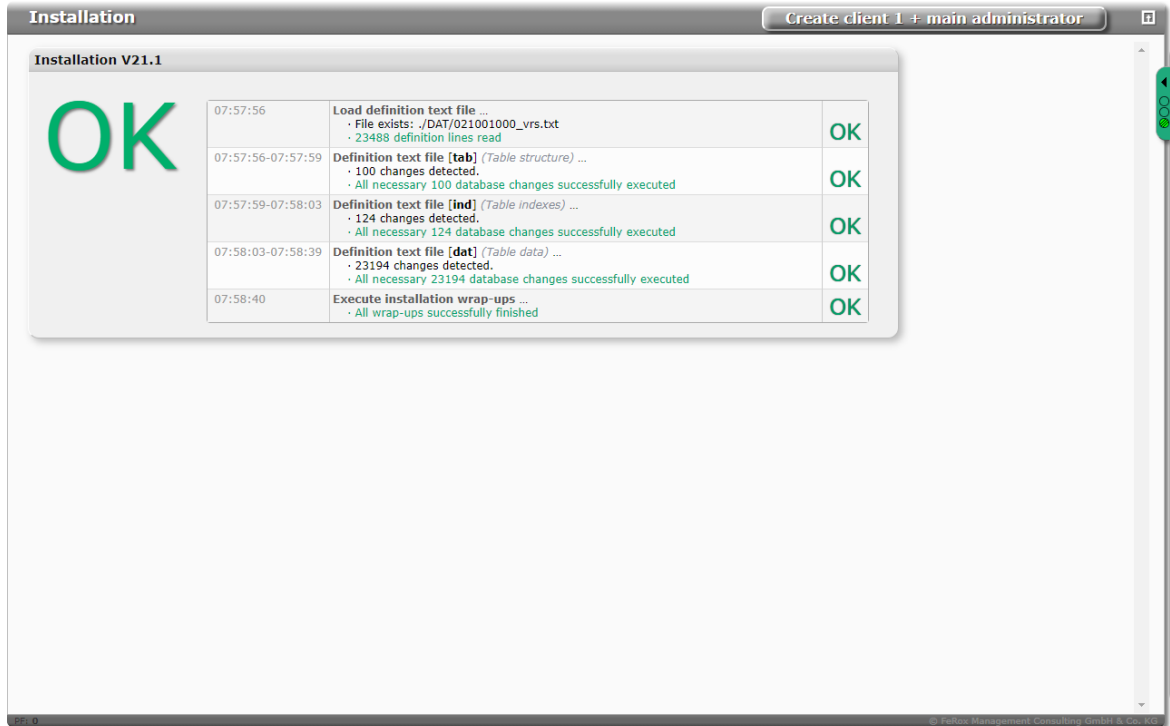Depending on the computer's speed and load, this takes approx. 1 - 5 min.

During the installation process you can follow the progress by the bar.

(Figure 6: The screenshot may differ depending on the version)

After successful installation you will get a report on the screen which and how many database commands were executed successfully and which ones had problems.

(Figure 7: The screenshot may differ depending on the version)

After clicking on Create client 1 + main administrator you will get an input mask to enter the data for the first use of fx-project.

2.6   Create Client 1 + Main Administrator

Section: Client 1 + Administrator (User):

Enter here the data of the main client 1, i.e. the name of the company as well as a possible company suffix.

In addition, you must enter the main administrator user name (= User Name, preset as "**admin**"), as well as its optional e-mail address and/or password. With these user data you can then log in and enter new persons, projects, etc.

Section: Administrator (Person):

Here you have to enter the surname (= Name) of the administrator, i.e. the person who will be assigned to the user above. In addition, you can specify other personal data of the administrator such as Salutation, Sex, First Name, etc.

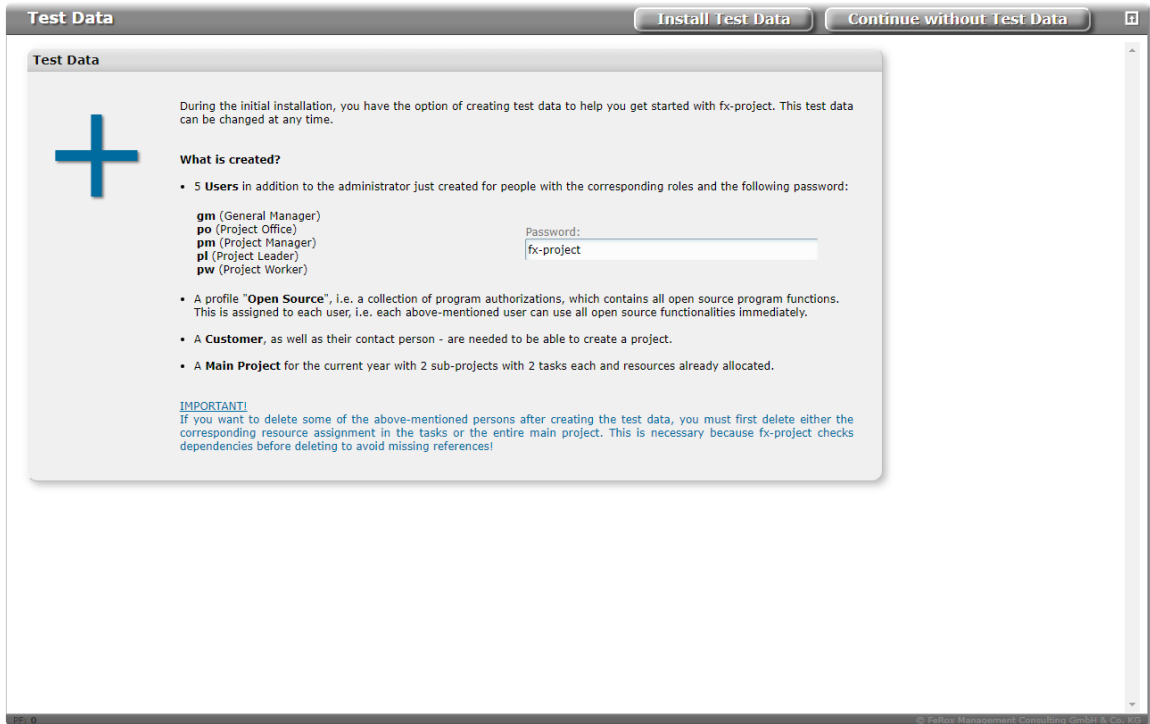*(Figure 8: The screenshot may differ depending on the version)*

After clicking [**Save**] the data of the main client 1 will be created, including the administrator user, as well as the associated administrator person data.

2.7   Test Data

Now you have the possibility to create test data to facilitate your first start in fx-project. This test data can be changed at any time.

If you want to create this test data, you can define a password for the users to be created. By default, this is "fx-project".
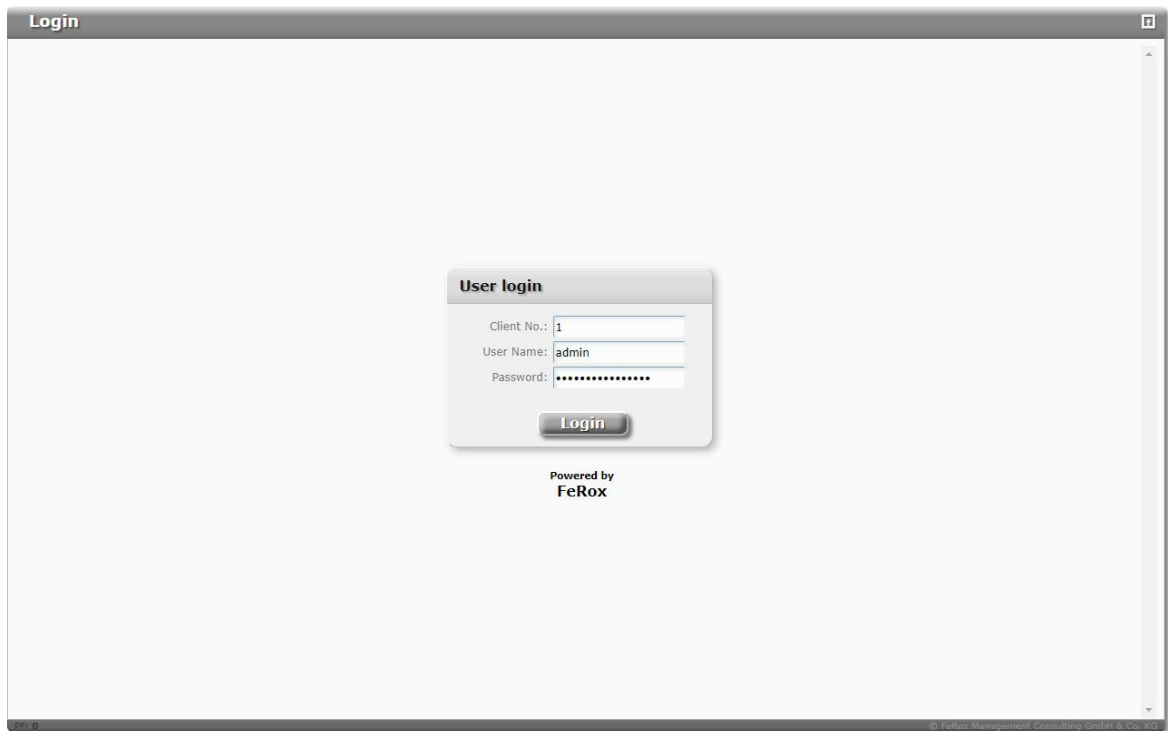

(Figure 9: The screenshot may differ depending on the version)

After clicking on Install Test Data, the people, users, profiles, roles and projects are created, so you can start immediately.

If you do not want to perform this step just click on Continue without Test Data.

2.8   Login

(Figure 10: The screenshot may differ depending on the version)

If fx-project Open Source has been set up successfully, the user login screen will appear.

For the "First Steps", e.g. to set up the individual client(s), please read the following documents:

➤ **DOC/ENGLISH/fx-project 00.1 Brief Overview.pdf**
➤ **DOC/ENGLISH/fx-project 05.1 First Steps.pdf**

3   Acknowledgement

Thank you for choosing fx-project Open. By purchasing extension packages you support us and ensure the continuity of this software.

We wish you

G o o d   L u c k !

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