

FX-PROJECT ® OPEN SOURCE

Version 21

fx-project Open Source - Software NEW INSTALLATION





Table of contents

1	General3
1.1	Brief Description3
1.2	Imprint3
2	fx-project - New Installation4
2.1	Download4
2.2	Language Selection6
2.3	"fx_project.ini" Configuration File7
2.4	Create Database
2.5	Installation9
2.6	Create Client 1 + Main Administrator12
2.7	Test Data13
2.8	Login
3	Acknowledgement15
4	Third-Party Software Notice16





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 fxproject, as it includes all functionalities.

1.2 Imprint

FeRox Management Consulting GmbH & Co KG

Adolf Langer Way 11a 94036 Passau Germany

Phone: +49-851-96671-0 Fax: +49-851-96671-10

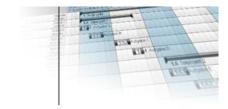
Email:info@fx-project.deWeb:https://www.fx-project.org

<u>Personally liable shareholder</u> FeRox Management Consulting Verwaltungs-GmbH Passau Local Court, HRA Passau 13154

<u>Managing Director</u> Walter Binder Passau Local Court, HRB Passau 10384

© FeRox Management Consulting GmbH & Co. KG





2 fx-project - New Installation

2.1 Download

On our website <u>https://www.fx-project.org</u> you can find the latest version of fx-project Open Source incl. documentation, manuals, patches and/or extension packages in the **[Downloads]** section.

fx-project Open Source: Downlo: x +						-		×
\leftarrow \rightarrow C \bigcirc https://fx-project.org/de/downloads	s.html				۲ò	₹⁄≡		
номе	OPEN SOURCE	EXTENSION PACKAGES	DOCUMENTATION	DOWNLOADS	CONTAC ⁻	Г	T⊂	ANK V
	D	ownloads						
Log in with your fx-project acce	ess data							
Log In			Request Acces	ss Data				
Using your fx-project access data, you can log into and access the download area, for example, and re authorisation:	1 P P	your favour of you gair	any access data yet? The	t Open Source:				1
• The free fx-project Open Source Software		 You can dow software at a 	nload the latest version on ny time.	if the free fx-project (Open Source			
 Pre-installed and ready-to-use VMware versi Many high-quality extension packages The latest patch 	ions (Desktop/Server)		use the software immedia (VMware)? Pre-installed d area.	1 C C C C C C C C C C C C C C C C C C C				
Detailed documentations			id to expand the function ional packages? These ar ea.		,			Ŧ

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



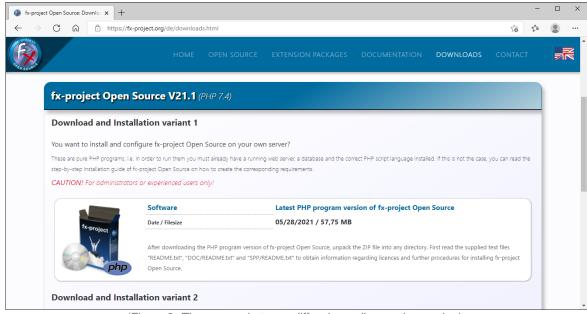
Notice:

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 fxproject 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 <u>http://localhost/FXP/index.php</u>.

Here <u>http://localhost/FXP</u> 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.

Sprache/Language		
		*
	Deutsch	
	English	
PF: 0		© FeRox Management Consulting GmbH & Co. KG

(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**.

Configuration File		Create Configuration File	Back to Language Selection
PHP Extensions:			
→ OK [calendar], [curl], [iconv], [mbstring], → Not loaded [gd2], [pgsql]	(openssl], [sockets], [gd], [sqlsrv], [ChartDirec	tor PHP API]	
ChartDirector Extension (V6.3):			
\rightarrow OK ./EXT/CHARTDIRECTOR/phpchartdir.php			
Database Connection Settings:			
\rightarrow Write SQL Commands into the Database Logfile?	Only Errors	~	
ightarrow Database Type	SQLServer	~	
→ Server Name Empty for "localhost" with PostgreSQL	localhost		
Database Name / Tablespace Database will be generated if possibble and it does not already exist	fxp		
Authorized User Name Will be saved encoded	sa		
Authorized User's Password Will be saved encoded	•••••		
SMTP Settings:			
→ URL of the SMTP Host If empty the standard php function "mail" is used			
→ Port of the SMTP Host	25		© FeRox Management Consulting GmbH & Co

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

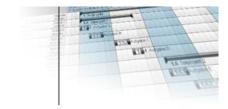


Notice:

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).

Installation		Installation V21.1
s II P	21.1 Nease make sure that you've increased the max. execution time of PHP scripts in the "php.ini" and of CGI scipts in your web server ufficiently before dicking on the top right button [Installation V21.1]. MPORTANTI Nease click only once on the Button and wait until the installation is completed. If the operation is cancelled before completion, the latabase has to be deleted and recreated again.	
	hp.ini max_execution_time=0; (min=600) Maximum execution time of each script (in seconds) oder 0 for unlimited max_input_time=300; (min=300) Maximum amount of time each script may spend parsing request data (in seconds) memory_limit=512 MB; (min=256 MB) Maximum amount of memory a script may consume (in megabytes MB)	
0		B Fallor Management Consulting Genetic Econe

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

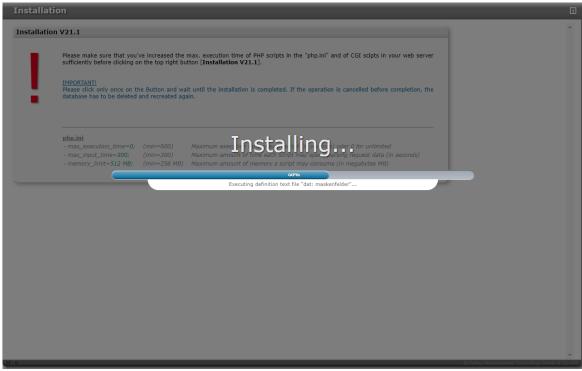
After clicking on **Installation** fx-project will be installed automatically, i.e. the database will be prepared and populated with necessary data.





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.

Load definition text file - File exists: ./DAT/021001000_vrs.bxt - 23485 definition lines read 57:59 Definition text file [tab] (<i>Table structure</i>) - 100 changes detected. - All necessary 100 database changes successfully executed 58:03 Definition text file (ind) (<i>Table indexes</i>)	ОК		•
File exists: ./DAT/021001000_vrs.txt .23488 definition lines read Definition text file [tab] (<i>Table structure</i>) . 100 changes detected, . All changes detected			000
57:59 Definition text file [tab] (Table structure) · 100 changes detected. · All necessary 100 database changes successfully executed	ок		
58:03 Definition text file [ind] (Table indexes)			
124 changes detected. All necessary 124 database changes successfully executed	ок		
58:39 Definition text file [dat] (Table data) · 23194 changes detected. · All necessary 23194 database changes successfully executed	ок		
Execute installation wrap-ups All wrap-ups successfully finished	OK		
	All necessary 124 database changes successfully executed Definition text file [dat] (Table data) 23194 changes detected, All necessary 23194 database changes successfully executed Execute installation wrap-ups	124 changes detected. All necessary 124 database changes successfully executed OK S8:39 Definition text file (dat) (Table data) 23194 changes detected. All necessary 23194 database changes successfully executed OK Execute installation wrap-ups OK	124 changes detected. All necessary 124 database changes successfully executed OK S8:39 Definition text file [dat] (Table data) 23194 changes detected. All necessary 23194 database changes successfully executed OK Execute installation wrap-ups OK

(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.

	Administrator nt 1 + main administrator	_		Save
Client 1 + A	dministrator (User)			
Name: Name affix:	Sample Company			
User Name: E-Mail-Address:	admin admin@samplecompany.xyz	Password: Repeat Password:		1
Administrat Salutation: Name:	tor (Person) Mr. V Title: -empty- Smith	 Sex: First Name: 	male v	
Name affix:		Identif. No.:	ADM1	

(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".

Test Data	Install Test Data Continue without Test Data
Test Data	
1.1	During the initial installation, you have the option of creating test data to help you get started with fx-project. This test data can be changed at any time.
	What is created?
	• 5 Users in addition to the administrator just created for people with the corresponding roles and the following password:
	gm (General Manager) po (Project Office) Password: pm (Project Manager) pl (Project Leader) pw (Project Worker)
	 A profile "Open Source", i.e. a collection of program authorizations, which contains all open source program functions. This is assigned to each user, i.e. each above-mentioned user can use all open source functionalities immediately.
	A Customer, as well as their contact person - are needed to be able to create a project.
	A Main Project for the current year with 2 sub-projects with 2 tasks each and resources already allocated.
	IMPORTANTI If you want to delete some of the above-mentioned persons after creating the test data, you must first delete either the corresponding resource assignment in the tasks or the entire main project. This is necessary because fx-project checks dependencies before deleting to avoid missing references!
PF: 0	© Fellox Management Consulting Ombit & C.o. X

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

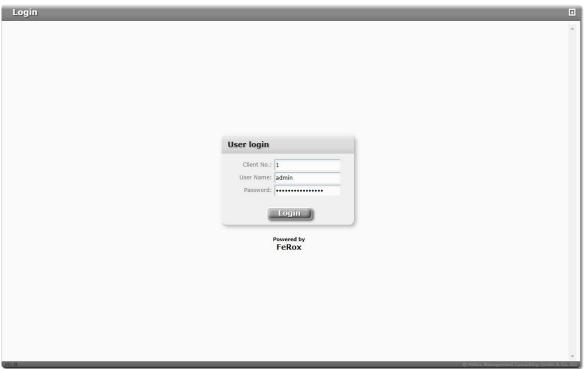
After clicking on **Install Test Data**, the people, users, profiles, roles and projects are created, so you can start immediately.

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

Good Luck!





4 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:

FeRox Management Consulting GmbH & Co. KG does not assume any liability for third-party software!