

# Projeqtor

## Docker Projeqtor

[GitHub repo](#)

This docker image provides a [Projeqtor](#) container with LDAP support.

This image is based on `php:7.4-apache`

Version of Projeqtor in this image is currently **9.4.2**

## Exposed ports :

- 80 : Projeqtor Webpanel

## Volumes

They are two volume mounted on this image :

- /mnt/documents
- /mnt/logs

Both need to have rw access

## Environment

Current used environments vars :

## PHP ENV

Environment variable	Default	Recommended
PHP_MAX_INPUT_VARS	4000	Must be > 2000 for real work allocation screen
PHP_REQUEST_TERMINATE_TIMEOUT	0	Must not end requests on timeout to let cron run without ending
PHP_MAX_EXECUTION_TIME	30	30 is minimum advised
PHP_MEMORY_LIMIT	512M	512M is minimum advised for PDF generation

## Projctor ENV

Name	Default	Usage
PJT_DB_TYPE	mysql	Database type. Can be <code>mysql</code> or <code>pgsql</code>
PJT_DB_HOST	127.0.0.1	Database host (server name)
PJT_DB_PORT	3306	Database port
PJT_DB_USER	root	Database user to connect
PJT_DB_PASSWORD	root	Database password for user
PJT_DB_NAME	projctor	Database schema name
PJT_DB_PREFIX	<code>empty</code>	Database prefix for table names
PJT_SSL_KEY	<code>empty</code>	SSL Certificate key path
PJT_SSL_CERT	<code>empty</code>	SSL Certificate path
PJT_SSL_CA	<code>empty</code>	SSL Certificate CA path
PJT_ATTACHMENT_MAX_SIZE_MAIL	2097152	Max file size in email
PJT_LOG_LEVEL	2	Log level {'4' for script tracing, '3' for debug, '2' for general trace, '1' for error trace, '0' for none}
PJT_ENFORCE_UTF8	1	

## Installed PHP extensions

Extension	Usage
gd	For reports graphs
imap	To retrieve mails to insert replay as notes

Extension	Usage
mbstring	Mandatory. for UTF-8 compatibility
mysqli	For default MySQL database
pgsql	If database is PostgreSQL
pdo	BDD connector
pdo_mysql	For default MySQL database
pdo_pgsql	If database is PostgreSQL
openssl	To send mails if smtp access is authenticated (with user / password)
ldap	Directory Access Protocol, and is a protocol used to access "Directory Servers"
zip	ZipArchive class is mandatory to manage plugins and export to Excel format

# Ready 2 Go Stack

Here is my own [compose](#) I used to deploy Projektor stack with MySQL database.

First deploy may require admin login (on Projektor login page) to init DB.

This stack is for Docker Swarm, if you want to run it on simple docker compose, you must replace `overlay` in network definition by `bridge`

```
version: '3.8'

services:
  mysql_service:
    image: mysql:latest
    volumes:
      - mysql_data:/var/lib/mysql
    networks:
      - projektor_network
    environment:
      - MYSQL_ROOT_PASSWORD=changeme
      - MYSQL_DATABASE=projektor
  projektor_service:
    image: nospy/projektor:latest
```

```
depends_on:
  - mysql_service
volumes:
  - projeqtor_documents:/mnt/documents
  - projeqtor_logs:/mnt/logs
ports:
  - "25:25"
  - "80:80"
networks:
  - projeqtor_network
environment:
  - PHP_MAX_EXECUTION_TIME=30
  - PHP_MAX_INPUT_VARS=4000
  - PHP_MAX_UPLOAD_SIZE=1G
  - PHP_MEMORY_LIMIT=512M
  - PHP_REQUEST_TERMINATE_TIMEOUT=0
  - PJT_ATTACHMENT_MAX_SIZE_MAIL=2097152
  - PJT_DB_TYPE=mysql
  - PJT_DB_HOST=mysql_service
  - PJT_DB_PORT=3306
  - PJT_DB_NAME=projeqtor
  - PJT_DB_USER=root
  - PJT_DB_PASSWORD=changeme
```

```
volumes:
  mysql_data:
  projeqtor_documents:
  projeqtor_logs:
```

```
networks:
  projeqtor_network:
    driver: overlay
    attachable: true
```

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