

PhotoShare

Installation guide
version 1.0
05.06.2020

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Server requirements

os: Windows or unix environment, tested Debian 8, Debian 9 and Debian 10

webserver: modern webserver, must be php compatible, tested with Apache 2.4 / LiteSpeed V7.6

PHP: version 7.x or above

Database: MySQL or MariaDB, tested with MySQL 5.5 and MariaDB 10.3

Third party software requirements (dependencies)

Check latest dependencies from

<https://github.com/vipeilko/PhotoShare/network/dependencies>

Current dependencies

endroid / qr-code endroid/qr-code

endroid is used to generate qr-codes

firebase / php-jwt firebase/php-jwt

firebase is used to handle JSON WebTokens

khanamiryan / php-qrcode-detector-decoder khanamiryan/qrcode-detector-decoder

khanamiryan is used to read qr-codes from images

tecnickcom / TCPDF technickcom/tcpdf

tecnickcom is used to generate printable PDF from qr-codes

Third party software installation

Easiest way to install dependencies in unix environment is using composer. You can get composer from <https://getcomposer.org/>

In installation directory use *composer require <dependency name>* command to install dependencies. For more detailed instructions to use composer

<https://getcomposer.org/doc/>

PhotoShare tries to load third party applications from
/PhotoShare/vendor/autoload.php -script.

Installing PhotoShare

Use git to clone repository to desired location.

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Then edit following files and settings. These are minimum settings to get PhotoShare to work.

PhotoShare\client\js\client.js

apiUrl	Change this to point application interface. This can be in another server. For example, https://yourserver/PhotoShare/API/
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PhotoShare\client\admin\js\aclient.js

apiUrl	Change this to point application interface. This can be in another server. For example, https://yourserver/PhotoShare/API/
baseUrl	This is application base URL. For example, https://yourserver/PhotoShare/

PhotoShare\API\credentials.example.php

\$server	Database server address for example, example.com or localhost
\$databasename	Name of database for example, PhotoShare
\$user	Database username
\$dbpassword	Database password
rename file to credentials.php	

PhotoShare\API\settings.php

API_ACCESS_TOKEN_KEY	Generate random key to generate tokens. This is important for security and key should be very long.
API_REFRESH_TOKEN_KEY	Generate random key to generate tokens. This is important for security and key should be very long.
URL_PATH	Application base URL. For example, https://yourserver/PhotoShare/
PHOTOSHARE_PATH	Application base path. For example, in Unix like machines, /var/www/html/PhotoShare/
QR_CODE_URL_PREFIX	QR-Code path prefix. This must include album/ at the end. For example, https://yourserver/PhotoShare/album/

Look for more setting in settings.php