

AccuraScan FaceMatch SDK Installation Guide

1. Generate AccuraScan FaceMatch License

You can generate license key from your “**Developer Account**” from www.accurascan.com and replace / keep it in facematch/db folder

2. Project Folder Structure

- 1) “facematch”: This is root directory. Upload content from this directory to your PHP document root e.g. /var/www/html
- 2) “packages”: This directory has rpm dependencies used by AccuraScan FaceMatch SDK
 - opencv
 - leptonica
- 3) “extension”: This directory contains “AccuraFaceSDK.so” AccuraScan Face Match SDK php extension library.
- 4) “db” : This directory will have your AccuraScan FaceMatch license file “accuraface.license” and “model.nn” and “modelproto.nn” files.
- 5) “css” : This directory contains bootstrap css files
- 6) “js” : This directory contains jquery and bootstrap js files.
- 7) “Documentation”: Here you will find Documentation for AccuraScan FaceMatch API and AccuraScan FaceMatch SDK Installation.

3. System Requirements

OS: CentOS 7

PHP Version: 5.6.34

4. Dependency Installation

Install dependency rpms

- Open the Terminal on centos7

If you are working on server, run terminal program directly.

If you are a client, you have to use putty.exe to run terminal

- install leptonica and opencv3.4.2

```
#rpm -ivh leptonica-1.75.3-1.el7.centos.x86_64.rpm
```

```
#rpm -ivh opencv-core-3.4.2-10.el7.centos.x86_64.rpm
```

```
#rpm -ivh opencv-3.4.2-10.el7.centos.x86_64.rpm
```

- if there are dependencies error in install then use below commands

```
#yum install leptonica-1.75.3-1.el7.centos.x86_64.rpm
#yum install opencv-core-3.4.2-10.el7.centos.x86_64.rpm
#yum install opencv-3.4.2-10.el7.centos.x86_64.rpm
```

5. Installation of php extension library

There are 2 ways to install php extension library.

`phpinfo()` ; find `php.ini` now using

Method 1.

- copy php extension file to php module folder

```
#cp AccuraFaceSDK.so /usr/lib64/php/modules
```

- edit Dynamic Extensions in `php.ini` file (Line in red fonts has to be added)

```
... ..
;::::::::::::::::::::::::::;
; Dynamic Extensions ;
;::::::::::::::::::::::::::;
extension=AccuraFaceSDK.so
... ..
```

- Restart the httpd service

```
#service httpd restart
```

Method2.

- copy php extension file to any folder (ex : `/root/extension`)

```
#cp AccuraFaceSDK.so /root/extension
```

- edit Dynamic Extensions in `php.ini` file (red part have to be added)

```
... ..
;::::::::::::::::::::::::::;
; Dynamic Extensions ;
;::::::::::::::::::::::::::;
extension=/root/extension/AccuraFaceSDK.so
... ..
```

- restart the httpd service

```
#service httpd restart
```

3) restart httpd service

```
#service httpd restart
```

6. Installation of PHP contents


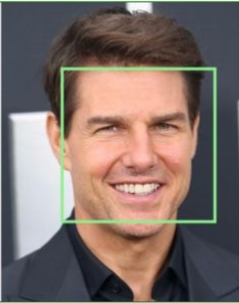
Copy “facematch” folder to php document root folder



ex:

```
#cp -r facematch /var/www/html
```

7. Run

Run the project in browser e.g. <http://<yourhost>/facematch>





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