

# AccuraScan FaceMatch SDK Installation Guide

## 1. Generate AccuraScan FaceMatch License

You can generate license key from your “Developer Account” from [www accurascan.com](http://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

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 opencv3.4.2

```
#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 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 and give 775 permission to the folders

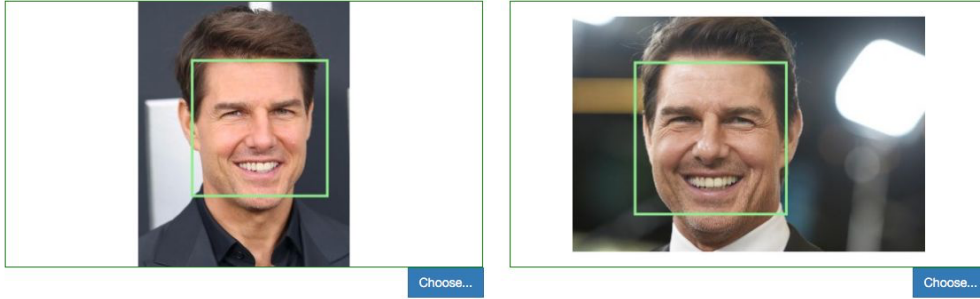
ex:

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

## 7. Run

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

## Face Match



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