AccuraScan OCR SDK Installation Guide

1. Generate AccuraScan OCR License

You can generate license key from your **"Developer Account"** from www.accurascan.com and replace / keep it in `ocr/db` folder

2. Project Folder Structure

1) "OCR": This is root directory. Upload content from this directory to your PHP document root e.g.

`/var/www/html`

2) "install": This directory has rpm dependencies used by AccuraScan OCR SDK - opencv

This directory also contains "AccuraOCRSdk.so" AccuraScan OCR SDK php extension library.

4) "db" : This directory will have your AccuraScan FaceMatch license file "key.license" along with some other files required by SDK.

- fdata.nn
- eng.dat
- mMQDF_f_Passport_bottom_Gray.dic - mMQDF_f_Passport_bottom.dic

5) "css" : This directory contains bootstrap css files
6) "js" : This directory contains jquery and bootstrap js files.
7) "uploads": Files will be uploaded in this directory for faster processing 8) "fonts": Font files used by bootstrap.css file are in this directory

9) "Documentation": Here you will find Documentation for AccuraScan OCR API and AccuraScan OCR SDK Installation.

3. System Requirements

OS: CentOS 7 PHP Version: 7.1

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 cardocr and opencv3.4.2

`#rpm -ivh cardocr-4.00-1.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 AccuraOCRSdk.so /usr/lib64/php/modules
```
- edit Dynamic Extensions in `php.ini` file (Line in red fonts has to be added) . . . .
```
;;;;;;;;;;;;;;;;;;;
; Dynamic Extensions ;
;;;;;;;;;;;;;;;;;;;
extension=AccuraOCRSdk.so
. . . . . . . . . . . . . .
```

- Restart the httpd service

```
#service httpd restart
```

Method2.

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

```
#cp AccuraOCRSdk.so /root/extension
```
- edit Dynamic Extensions in `php.ini` file (red part have to be added) . . . .
```
;;;;;;;;;;;;;;;;;;;
; Dynamic Extensions ;
;;;;;;;;;;;;;;;;;;;  extension=/root/extension/AccuraOCRSdk.so
. . . . . . . . . . . . . .
```

- restart the httpd service

```
#service httpd restart
```

3) restart httpd service

```
#service httpd restart
```

6. Installation of PHP contents

Copy "OCR" folder to php document root folder and give 775 permission to the folders

ex:

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

7. Run

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

Passport Scanner

Card Type:

Passport & ID Card (MRZ)