

# mapillary-sdk-android

This repository is the home of the Mapillary Android SDK.

## Installation with Gradle

Not available yet

## Configuration

### Register your app with Mapillary

To use the SDK, you need to obtain a Mapillary `client_id` first.

1. [Create a Mapillary account](#) if you don't have one already.
2. Create an app at [the Developer page](#).

#### Redirect URL

When you fill in the form, make sure the redirect URL is similar to this:

```
com.mycompany.myapp.mapillary
```

#### Client id

Copy your client id, you need it to initialize the SDK later.

### Copy mapillary\_sdk.aar file into your app libs folder

The latest version of the `mapillary_sdk.aar` can found [here](#).

Download the file and copy it into your app `libs` folder

### Add dependency to `build.gradle` file

```
dependencies {  
    ...  
    implementation fileTree(dir: 'libs', include: ['*.aar'])  
    ...  
}
```

### Edit your application manifest file

Add `MapillaryClientId` and `MapillaryRedirectUrl` to your `plist` file. Below is an example of parts of a `plist` file.

```
<meta-data
  android:name="com.mapillary.sdk.MapillaryClientId"
  android:value="[clientId]"/>

<meta-data
  android:name="com.mapillary.sdk.MapillaryCallbackURL"
  android:value="[callbackURL]"/>

<!-- Mapillary upload service -->
<service android:name="com.mapillary.sdk.internal.utils.MapillaryUploadService" />

<!-- AWS S3 upload service -->
<service
  android:name="com.amazonaws.mobileconnectors.s3.transferutility.TransferService"
  android:enabled="true" />

<uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE" />
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE" />
```

## Documentation

The latest generated documentation can found [here](#).

## Example app

In development at the moment

## Usage

Below is a quick-start guide to get you started. Refer to the full [docs](#) for details.

## Signing in

```
static MAPLoginManager getInstance(android.content.Context aContext,
MAPLoginCallback mapLoginObserver)

void login(android.view.View anchorView)
```

## Signing out

```
MAPLoginManager logout()
```

## Creating a new sequence

```
MAPSequence(Context aContext, MAPDevice aDevice, MAPOrganization aOrganization,
MAPUser aUser, Date aDate)
```

## Adding images to a new sequences

```
MAPSequence firstMAPSequence.addImageWithPath(String aPath, Date aDate, new
MAPLocation(Location aLocation));
```

## Listing sequences

```
MAPFileManager.getSequences(Context aContext)
```

## Deleting a sequence

```
MAPFileManager.deleteSequence(MAPSequence aMAPSequence)
```

## Uploading sequences

```
MAPUploadManager.getUploadManager(getApplicationContext()).uploadSequences(List<MAP
Sequence> sequencesToUpload, boolean allowCarrierUpload, boolean deleteAfterUpload)
```

```
**Note that the allowCarrierUpload and deleteAfterUpload are not implemented
**
```

## Features that will be implemented in next preview versions

```
Organizations support
Upload via cellular or wifi
Fully functional sample app
```

## Maintainers

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## Contribute

Give feedback and report bugs on the SDK [here](#).

## License

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