

Installation

- Locus type: `<html>Free</html>`
`Pro</html>`
- Last updated manual: **13. 7. 2014**

Prerequisites

Basic

- Installed [Java JDK 6.0+](#)
- installed Mercurial (version > 1.7). I may suggest [TortoiseHG](#) for Win users, which is GUI handler for Mercurial system

Developing environment (IDE)

- Recommended is [Android Studio](#) in version 0.6+. "How to" is described below, or
- it's also possible to use [Eclipse](#) with ADT plugin or directly [intellij](#) with Android plugin, but "how to" install Locus API into these programs, will not be described below.

Installation

Create a project

- Start Android Studio
- Tap **File > New project** and create/define new project. By this you define core of your project, so for example core of your add-on. In this example case, let's define
 - *Application name* - LocusApiTest
 - *Module name* - Add-on test
 - *Project location* - C:/LocusApiTest

Add Locus API

- In directory C:\LocusApiTest open command line

- execute

```
hg clone https://bitbucket.org/asamm/locus-api locusAPI
```

to download repository

- back in Android Studio, double-tap on *settings.gradle* file in your root directory and add another line with *include ':locusAPI'*

Add Locus API Android

- In directory C:\LocusApiTest open command line
- tap

```
hg clone https://bitbucket.org/asamm/locus-api-android locusAPI_android
```

to download repository

- back in Android Studio, double-tap on *settings.gradle* file in your root directory and add another line with *include ':locusAPI_android'*

Add Locus API Android (sample) - optional

- In directory C:\LocusApiTest open command line
- tap

```
hg clone https://bitbucket.org/asamm/locus-api-android-sample  
locusAPI_android_sample
```

to download repository

- back in Android Studio, double-tap on *settings.gradle* file in your root directory and add another line with *include ':locusAPI_android_sample'*

Extra settings

To make your project fully working, few more steps is needed

- in your **root** *build.gradle*, add additional extra parametes used globally in Locus API modules

```
// define global parameters  
ext {  
    compileSdkVersion = 19  
    buildToolsVersion = '19.1'  
  
    minSdkVersion = 8  
    targetSdkVersion = 19  
}
```

```
signDebugPath = 'c:/path_to_debug_key/debug.keystore'  
signDebugPassword = 'android'  
signDebugKeyAlias = 'androiddebugkey'  
signDebugKeyPassword = 'android'  
  
signReleasePath = 'c:/path_to_public_key/release.keystore'  
signReleasePassword = 'your_passwork'  
signReleaseKeyAlias = 'your_key_alias'  
signReleaseKeyPassword = 'your_key_password'  
}
```

Final information

LocusAPI Android (sample) now should be fully working.

Check it's *build.gradle* file, where is defined all you require to define also in *build.gradle* file in your own **Add-on test** module.

From:
<http://docs.locusmap.eu/> - Locus Map Classic - knowledge base

Permanent link:
http://docs.locusmap.eu/doku.php?id=manual:advanced:locus_api:installation&rev=1432213834

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