

Information about Locus

Most important for every extension - *is Locus installed?*

Starting point for similar questions are two classes

- [LocusUtils](#) - tools for work with versions
- [ActionTools](#) - methods to get information from Locus itself

Basic tasks

Is Locus installed

Get list of available versions on your device

```
LocusUtils.getAvailableVersions(Context ctx);
```

and check if result contains any *LocusVersion* objects.

Or if you don't care about *LocusVersion* (which is good to know, because this object is used later in many functions), you may use simple function

```
LocusUtils.isLocusAvailable(Context ctx);
```

and check only *true/false* result.

Is Locus running

If you know *LocusVersion* you want to check, use following method

```
LocusInfo locusInfo = ActionTools.getLocusInfo(ctx, lv);  
if (locusInfo == null) {  
    // problem with receiving information about Locus  
    return false;  
} else {  
    return locusInfo.isRunning();  
}
```

Advanced parameters

Where is Locus root directory

1. obtain *LocusInfo* object (description in **Is Locus running** question)

2. get absolute root path by *LocusInfo.getRootDirectory()*

Which units has user set in Locus

This method is very useful, for making units in your own app same as units in Locus. Advantage is that user do not have to set units on two different places.

1. obtain *LocusInfo* object (description in **Is Locus running** question)
2. get various units parameters by *LocusInfo.getUnits...()* functions

LocusInfo contains quite a lot of interesting information from life of Locus

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

Permanent link: https://docs.locusmap.eu/doku.php?id=manual:advanced:locus_api:information_about_locus&rev=1432214653

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