

Geocaching Field Notes

Basic information

Since the version 3.2.0, Locus Map offers full access to user's field notes. For this access a system called [Content provider](#) is used. You don't have to be too skilled with it. Most of required work is already done in Locus API and you may (and it's suggested) use already pre-prepared functions.

How to

To access **field notes** in read or write mode, you need

- Installed Locus API in your IDE and added dependency to your new/existing project. More in [Installation manual](#).
- Permission in your *AndroidManifest.xml* file.

For read only access

```
<uses-permission  
android:name="com.asamm.locus.permission.READ_GEOCACHING_DATA" />
```

For read/write access

```
<uses-permission  
android:name="com.asamm.locus.permission.WRITE_GEOCACHING_DATA" />
```

Possibilities

Field notes in Locus are stored in SQLite databases, so all queries sent over Locus API to content provider may be defined in probably well known way for you - same as a query to SQLite database.

What is possible

- GET, INSERT, UPDATE, DELETE queries on FieldNotes
- GET, INSERT, UPDATE, DELETE queries on FieldNote images

To use basic features check [FieldNotesHelper.java](#) class.

Here are three very important parts:

- Static classes that contain names of possible field notes columns. These are used in all specific requests.
- Static helper functions for basic operations over content provider. Of course you may write your own functions if you require more specific requests.
- Static functions for some other tasks. For example requests on "log certain field notes over *Groundspeak Live API*".

Last update: 2015/09/07 17:55 manual:advanced:locus_api:geocaching_field_notes https://docs.locusmap.eu/doku.php?id=manual:advanced:locus_api:geocaching_field_notes

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Last update: **2015/09/07 17:55**

