WMS Maps

Fix Me! RECONSTRUCTION Fix Me!

About

WMS (Web Map Service) is a standard protocol for serving georeferenced map images over the Internet that are generated by map servers using data from GIS databases. These maps or map data layers are mostly provided by government organizations or education institutions (but also by many others). For more info, read this Wiki page.

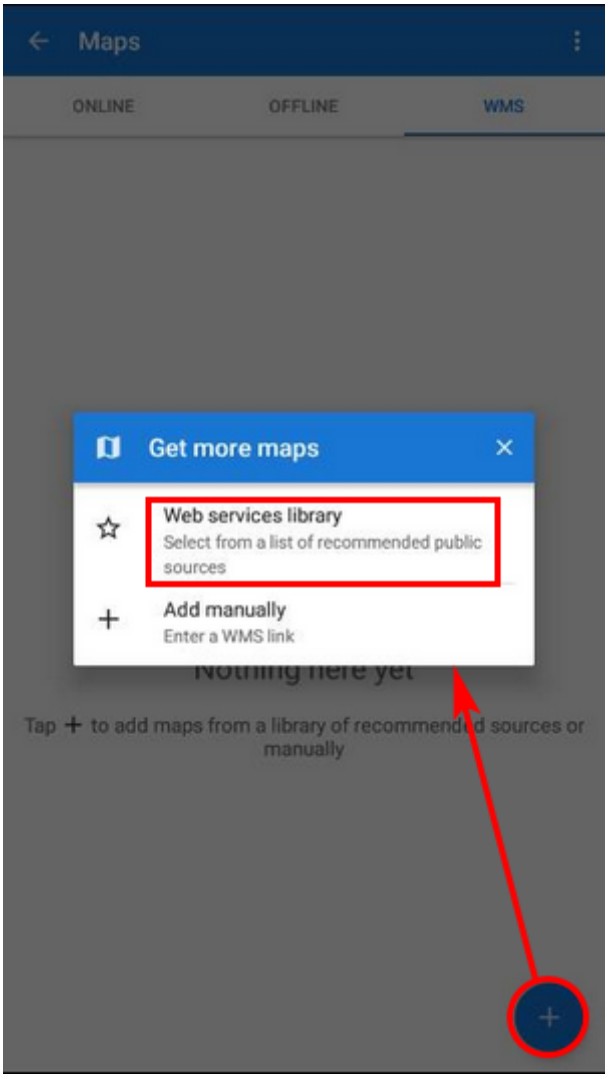
This option is fully available only to Locus Map Pro users.

1. Add WMS source

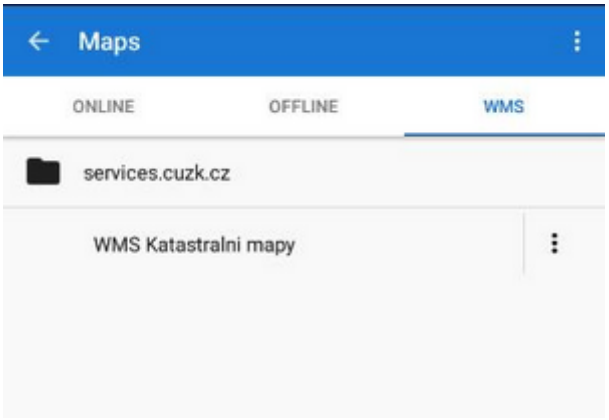
Locus Map offers a library of worldwide WMS sources where you can select or you can enter a direct URL to add any WMS source you wish to the app.

Web Services library

- open **WMS tab** in the Maps Manager
- tap  in the lower right corner and select **Web Services library**:



- Locus Map offers WMS sources **available in your area according to your GPS location**: pic_browse
- to specify your selection, use **fultext search**: pic_search
- tap the selected source - it is added to the **WMS list**:



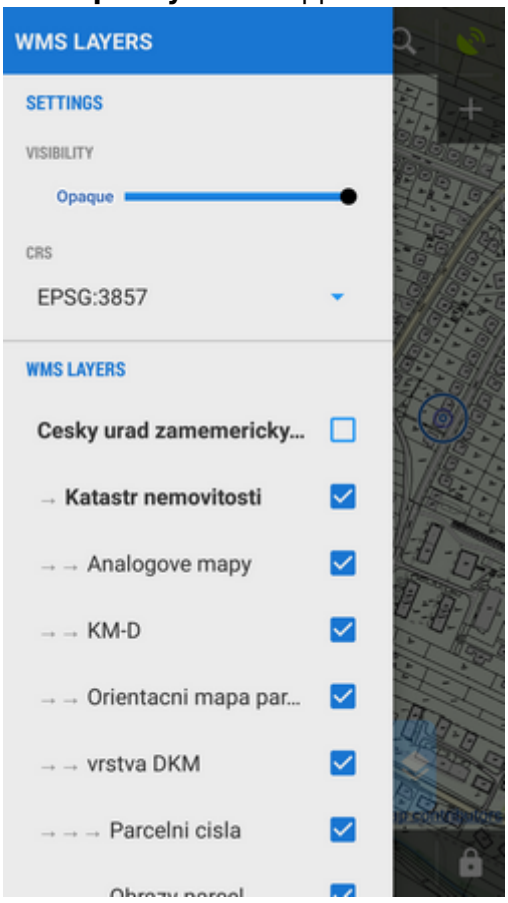
Add manually

- select **Add manually** from the menu
- enter the WMS source address, name or password (if necessary) and press **OK**
- the source is added to the **WMS list**

Map manager WMS tab can be deactivated (invisible) - to activate it, open **Action menu**, check **Display WMS tab** and restart Map manager

2. Display WMS map

- tap the selected WMS source in the map manager
- a **list of available layers** and an **opacity slider** appears:



- select layers to display, adjust their visibility above the active map and confirm. Be aware that not all layers may be visible in all areas and in all zoom levels.

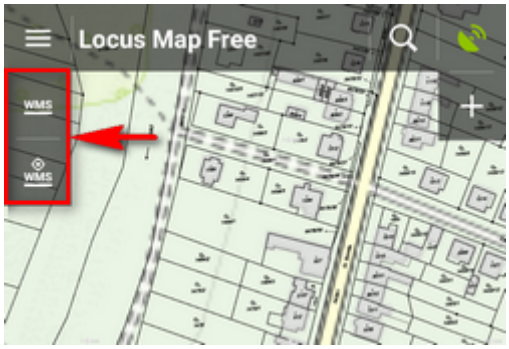
Long tap on a source displays **information about the source provider, author, contacts, possible fees and further description**.

Action menu at the WMS source provides following:

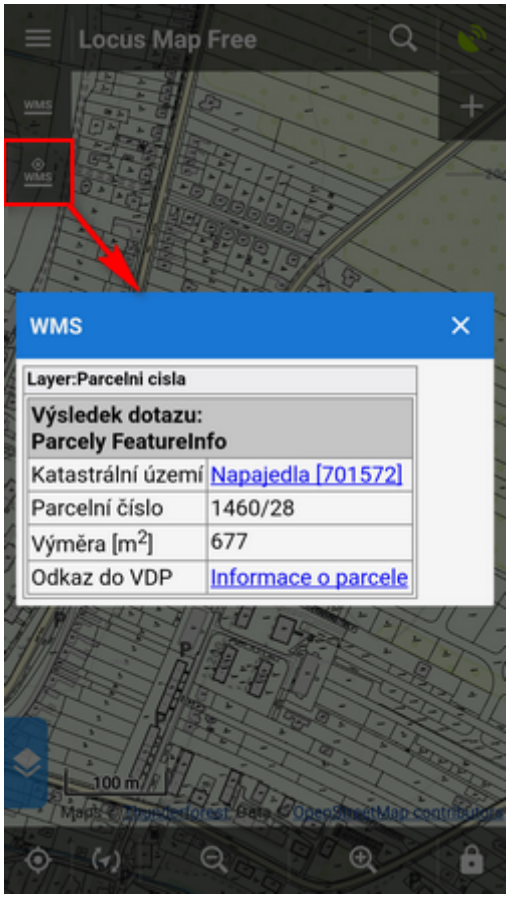
- **Details** - information window mentioned above
- **WMS Layers** - available layers in the source
- **Center Map** - centering the map at the screen center of your phone in case your position is outside the map
- **Re-initialize map** - reloads required information from WMS server and sets the map to default values
- **Disable** - hides selected WMS layers in the map
- **Delete** - deletes the WMS source from the list

WMS Map Screen

After a WMS map is activated two new control buttons appear in the upper left corner:



- WMS displays the **opacity slider** and **active WMS layers list** mentioned above - check or un-check layers to display or hide.
- WMS displays a **particular WMS feature information** - aim the screen center at a WMS object on the map and tap the button. In case the object contains some additional information it displays in a pop-up window:



WMS Maps Sources

If you do not have a direct WMS link, try recommended **WMS Map Sources List >>**

Tap *Add to Locus* links directly in your phone web browser (access to this page is also from your **Locus Map Manager WMS tab**).

Locus Map supports WMS specification versions **1.1.1, 1.3.0**



Current WMS support does not have any mechanism for tile caching. All data are stored only in your device's **temporary memory**.

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

Permanent link:
https://docs.locusmap.eu/doku.php?id=manual:user_guide:maps_wms&rev=1584110712

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