




# Search

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## About

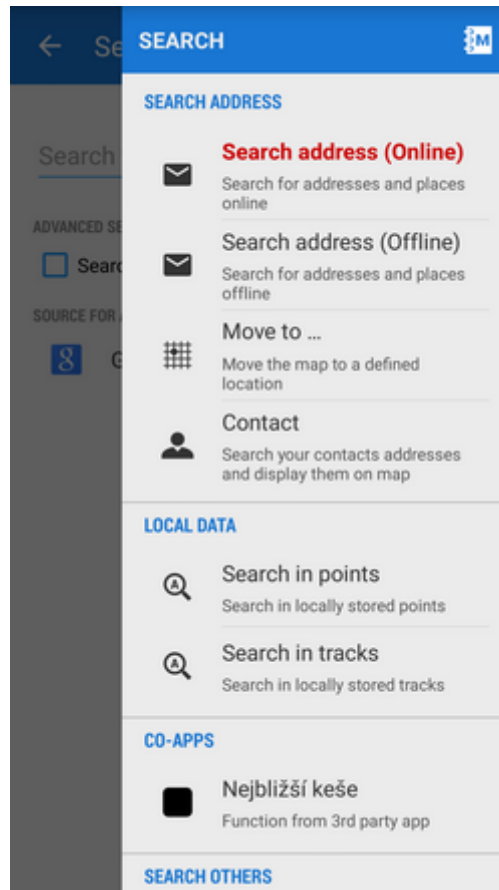
Search in Locus Map is one of its essential functions as it works with several kinds of databases - maps, addresses, points of interest etc. The feature is divided into following sections:

- search of **addresses** in **online and offline** modes
- other search options can be found in a menu  in the top bar:
  - **move** the map cursor at an exactly defined position (e.g. coordinates)
  - search the phone **contact** addresses
  - **Search of offline POIs** - searching in all stored points and tracks
  - **Co-apps search** - search provided by a 3rd party application like Geocaching4Locus
  - **Search others** - search in external databases like Wikipedia, Google Places or GNS



## Addresses

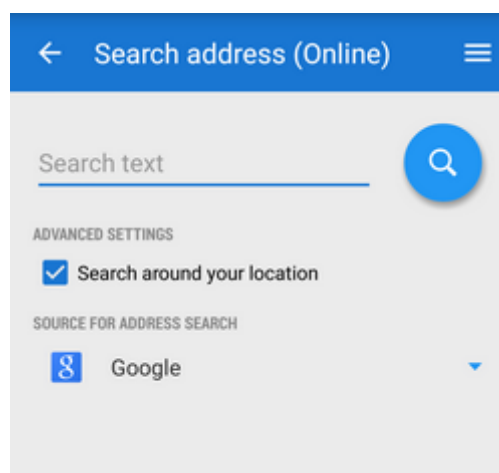
Searching addresses in Locus works both in **online** and **offline** modes. After the first start of the feature the default method is online but you are immediately given an option to change it from the context menu . Locus remembers your last used method and later offers it directly. You can change the method in menu in the upper right corner.



## Online search

Locus uses Android default **Google search** that is optimized for speed, bandwidth and accuracy.

However, there are devices that are not certified by Google and lack this searching engine. For those Locus Map provides search in [MapQuest](#) and [Bing](#) databases. These are functional on all devices. The searching engine can be easily selected in the address search dialog.



- **Search text** - insert address or a place name here. The number and accuracy of results depend on the entry precision. Then **tap the blue button**.
- **Search around location** - check to optimize the search result according to your position
- **Source for address search** - select search engine here - *Google, MapQuest, Bing*

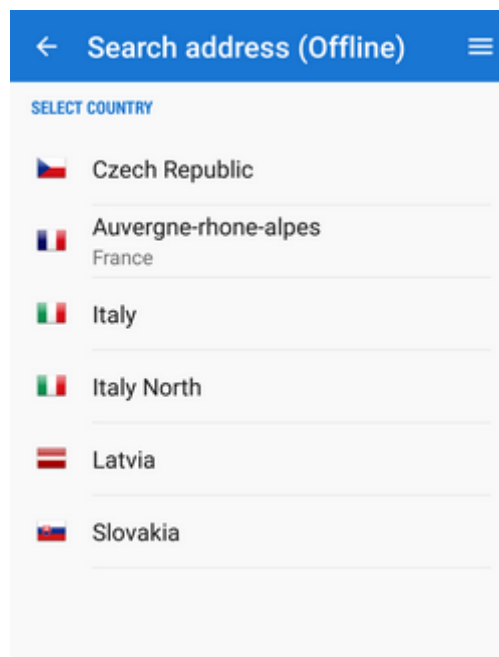
Search results are displayed in a list ordered by the distance from your position. **If there is a single result, it is shown directly on map.**

## Offline search

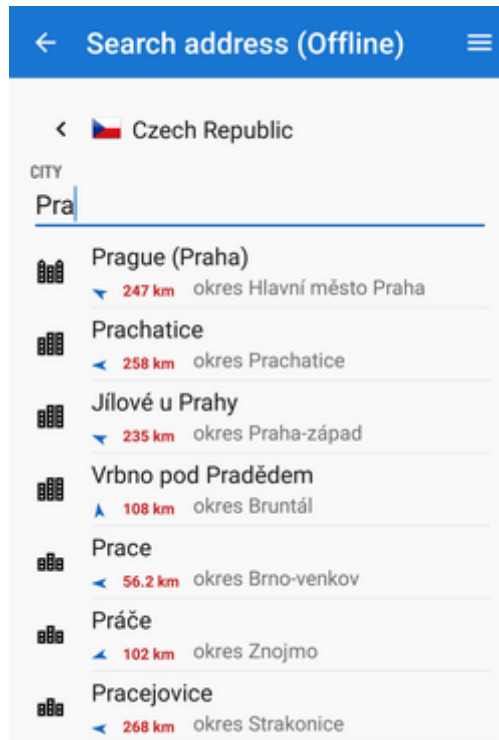
Locus can search offline addresses in downloaded **LoMaps** (beginning with their 2016/04/01 version).

After selecting offline search Locus displays a **list of downloaded LoMaps packets** (countries). If the list is empty you have no LoMaps downloaded or you have not updated them to 20160401 version - download/update some from **Locus Store**.

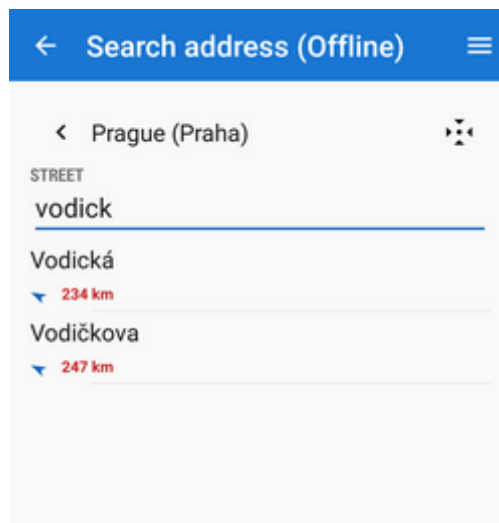
Without downloaded LoMaps the offline address search does not work.



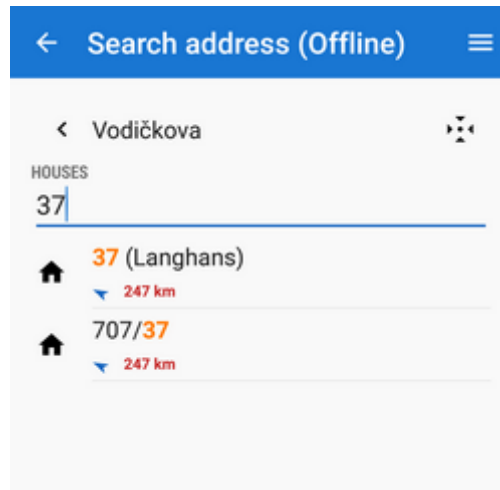
- select a country where you want to search for an address
- start typing name of the city, Locus offers results, select the right one.




- start typing name of the street, Locus offers results, select the right one



- Locus unfolds a list of all house numbers available on the street. Either choose the desired number or type numbers to refine the search results



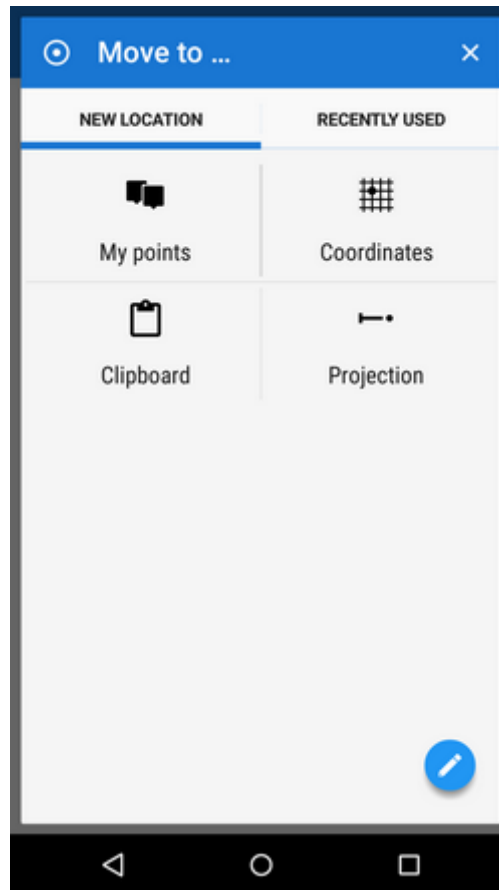
Tapping  displays the selected item on map directly.




## Move to ...

This feature shifts your map to a defined position. There are a few options how to define the position, placed in two tabs - *New location* and *Recently used*:

- **New location**



- \* *Points* - allows to select a point of interest in the Data manager and center map on its position.
  - *Coordinates* - enter GPS coordinates to center the map on
  - *Projection* - define start point, distance and azimuth of the projected point to center map on
  - *Clipboard* - whether it is an address, a place name or coordinates in your device's clipboard, Locus Map will search it
- **Recently used** - a list of recently used/viewed locations, points, places etc.

Other options of searching a new location can be found under the  button. Here you can set the basic search modules and also use specialized ones - enter coordinates manually or use the [Location selector](#).



## Contacts




This option can display addresses of your contacts on a map. Locus Map reads your contact list, filters items with attached addresses and displays them in a table. Select or search which contact to display on a map. In case a contact has two addresses, both are displayed.

Locus Map lists all contacts with addresses, even incomplete (e.g. just town). Such are not suitable for displaying on a map.

This feature requires [Locus Contacts](#) free add-on installed

## Search of offline POIs

Using Locus Map may lead to an enormous increase of stored points of interest - geocaches, addresses, tourist places of interest... this search enables to find points in you own storage:

-  **By name** - search in names of stored points of interest
-  **Search full text** - search by a string of characters - may be a slow method if you have a lot of POIs stored. Locus Map searches in all texts associated with the points - names, description, geocaching listings etc.
-  **By coordinates** - searches nearest points to a defined location.

The **results** are sorted by the distance from the user's location in a table similar to Points tab of the Data manager and it is possible to work with it in the same way - select points to display on map, invert selection etc.



This feature does not search the database of LoMaps-dependent points of interest. See more in [LoMaps POI](#) »



## Co-apps

Locus Map can cooperate with many **external applications** with their own online/offline databases. Here it is possible to start search in them directly without need to switch the cooperating application directly from the phone/tablet application menu.

A typical example can be search of **nearest geocaches** by the [Geocaching4Locus Add-on](#).

## Search others

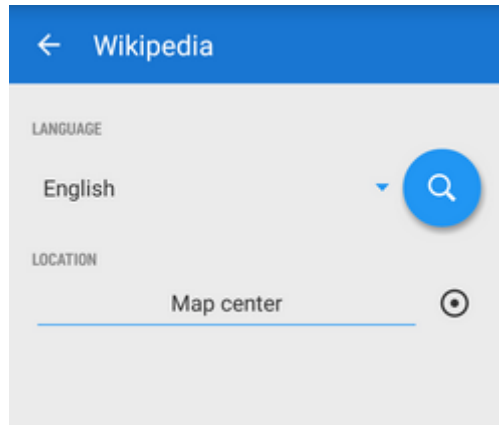
This section covers search in external internet databases **Wikipedia**, **Google Places**, **What3words** and **GeoNames/GNS**.

These searching options are available in Locus Map Pro only.



## Wikipedia

Wikipedia is a free-access, free content Internet encyclopedia, supported and hosted by the non-profit Wikimedia Foundation. Those who can access the site and follow its rules can edit most of its articles. Wikipedia is ranked among the ten most popular websites and constitutes the Internet's largest and most popular general reference work.



Locus Map can search in its entries that are **geo-tagged**, i.e. have defined location:

- **Language** - selects language of searched entries
- **Location** - selects location around which the search should be performed. The coordinates can be put in directly or one of methods provided by the [Location selector](#) can be used.
- **Cancel** - aborts action
- **Search** - starts searching online

The results are listed in a table of points. They can be displayed on map or imported for later use. Their details contain **URL** to the related Wikipedia article.



The displayed nor imported Wikipedia points do not contain full article texts, only links for their online display. **Storing Wikipedia articles for their offline use is not possible.**



## Google Places

Google as a leading internet searching engine contains an enormous database of geotagged points of interest. Locus Map enhances this search as it can filter the results and place them on map of your choice.

Example of a typical use:

- start **Search > Google Places**
- select **location** around which to search for Google places (usually a nearest town is pre-selected from the GSM network)
- type a **name** or a **keyword** of the place you are looking for, e.g. restaurant

- results are listed in a **table of points** sorted by distance from the defined location

**Search results** can be unpacked for details by tapping them or displayed on map by checking the “eye” buttons. The menu offers to invert selection or check multiple items for batch import. The point detail can be enlarged to display more information - photos, opening hours, contacts etc., further results can be displayed by tapping *More*.



## GeoNames and GNS

Both services contain huge databases of points of interest and interesting places:

- **GeoNames**- geographical database covering all countries and containing over eight million placenames that are available for download free of charge.
- **NGA GEOnet Names Server (GNS)**- the geographic names in this database are provided for the guidance of and use by the Federal Government of United States and for the information of the general public. It contains over 5 million features and 8 million feature names. Databases are updated monthly so the information in it is quite fresh.

Locus Map handles both databases in one dialog:

- **Search** - type a name or keyword of your search
- **offline search** - check this option if you have downloaded some GeoNames or GNS databases to your device. Otherwise Locus Map searches online.

### Tip for offline search:



Both sites provide freely downloadable data files that can be extracted into the *Locus/data/geonames* directory. The files appear in the GeoNames search dialog afterwards. Select and search 100% offline.

From:

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

Permanent link:

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