

Routing service

- Locus type: `<html>FreePro</html>`, **3.2.0+**
- Last updated manual: **3.2.0 / 16.7.2014**

Basic information

Since version 3.2.0, Locus offer possibility to implement own add-on, that will supply complete routing for Locus navigation. Method is based on [Service](#) and communication with Locus is thanks to [AIDL interface](#).

It sounds complicated, but best is to check existing Locus add-on for [Offline navigation](#).

How to

To add your own routing service to Locus, you need to

- Installed Locus API in your IDE and added dependency to your new/existing project. More in [Locus API Installation](#).
- Create *MyRoutingService* extends [ComputeTrackService](#).
- Register *MyRoutingService* in *AndroidManifest.xml* file

```
<service android:name=".MyRoutingService"
    android:label="My routing" >
    <intent-filter>
        <action android:name="locus.api.android.
            ACTION_COMPUTE_TRACK_PROVIDER"/>
    </intent-filter>
</service>
```

- That's all. Locus find your service thanks to defined *action* parameter and add it to the list of available routing engines. Right below the *MapQuest*, *Yours* and others.

Possibilities

RoutingService allows direct integration into Locus. Thanks to AIDL, for users won't be even visible, that they use independent add-on.

What is possible

- Specify basic information - name, attribution
- Ability to call “Settings” activity directly from Locus
- Ability to compute track between requested points and return back to Locus full Track with all navigation orders and required information for full voice navigation.

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

Permanent link: http://docs.locusmap.eu/doku.php?id=manual:advanced:locus_api:routing_service&rev=1432214439

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