



Unofficial gvSIG Mobile for Linux devices v. 0.1.6 Special feature: Geo-synchronisation

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Special thanks to Manuel Gomez (ubikis.com)
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The most outstanding functionality in Unofficial gvSIG Mobile for Linux devices v. 0.1.6 is a consequence of the [Tellus project](#). The goal of this project is the integration of [gvSIG Mobile](#) and the [Open Mobile IS](#) framework to perform remote synchronisation of GIS data. Open Mobile IS is a LGPL Java library which provides all the necessary components to effectively develop and deploy mobile applications.

TELLUS



Open Mobile IS & GvSIG



You can remotely update a PostGIS table located in a synchro/map server in Valencia (Spain). That table is associated with the Waypoints layer of the application (see user manual for instructions).

With the help of [Manuel Gomez](#) (Ubikis, Lyon, France), I have extended slightly Open Mobile IS, so that one of the involved fields is actually a geometry (points in this initial example) and the remote database is a PostGIS DB.



Open mobile IS



Optimize

- Connected / disconnected mode
- Ubiquitous, secure access
- Save time

The mobile device stores the updated data in a special object-oriented optimized embedded database, which can be synchronised with the remote database as soon as the internet connection is available. You don't need to get back to your office. As long as your server is up and running and you know its URL or IP address, you can update attributes and geometry wherever you are.