OSM for almost every phone

gvSIG Mini

prodevelop
Integración de tecnologías

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What is it?

- Map Viewer with GPS functions
- For mobile phones
- Free and Libre (GPL)
- Not an official gvSIG project
- Intended for non professionals
- Uses online services

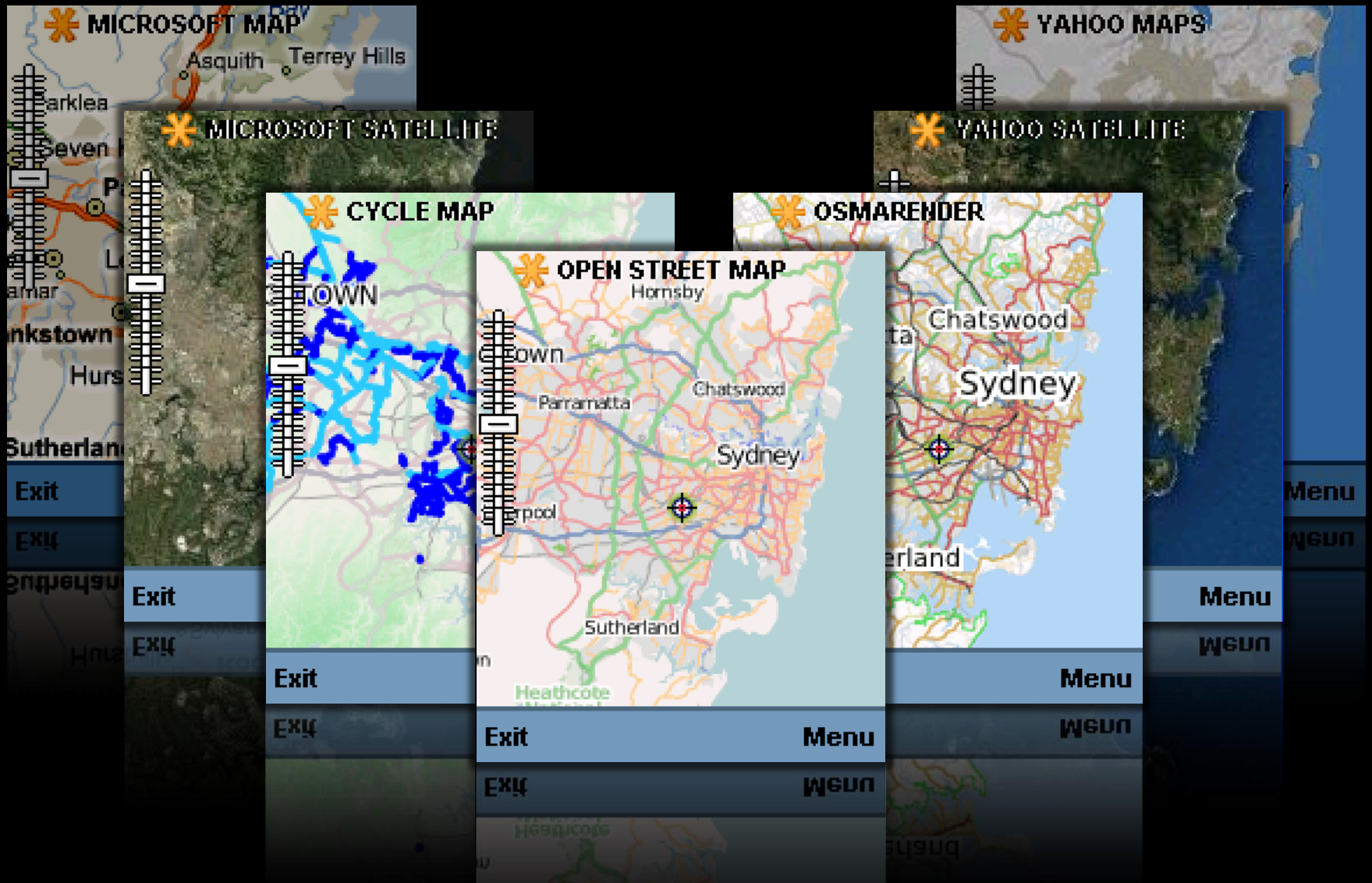
What does it look like?

Who is doing it?

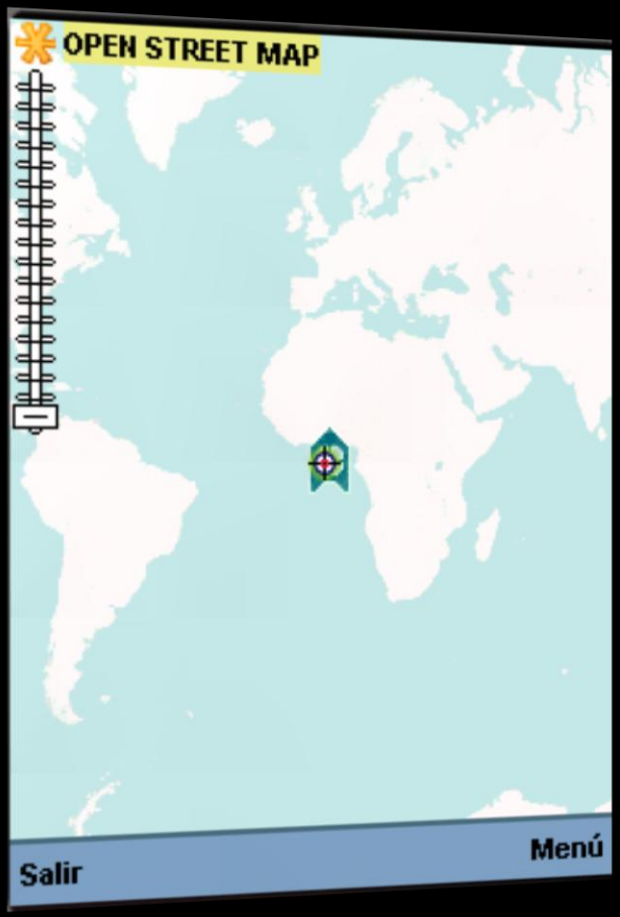
- Spanish company
- 16 years GIS experience
- 70 + employees
- Member of gvSIG Project Steering Committee
- High focus on FOSS4G: Victoria, Cape Town, Sydney
- Members of gvSIG Association
- Members of Sextante Geospatial Services

What are its features?

Map viewer

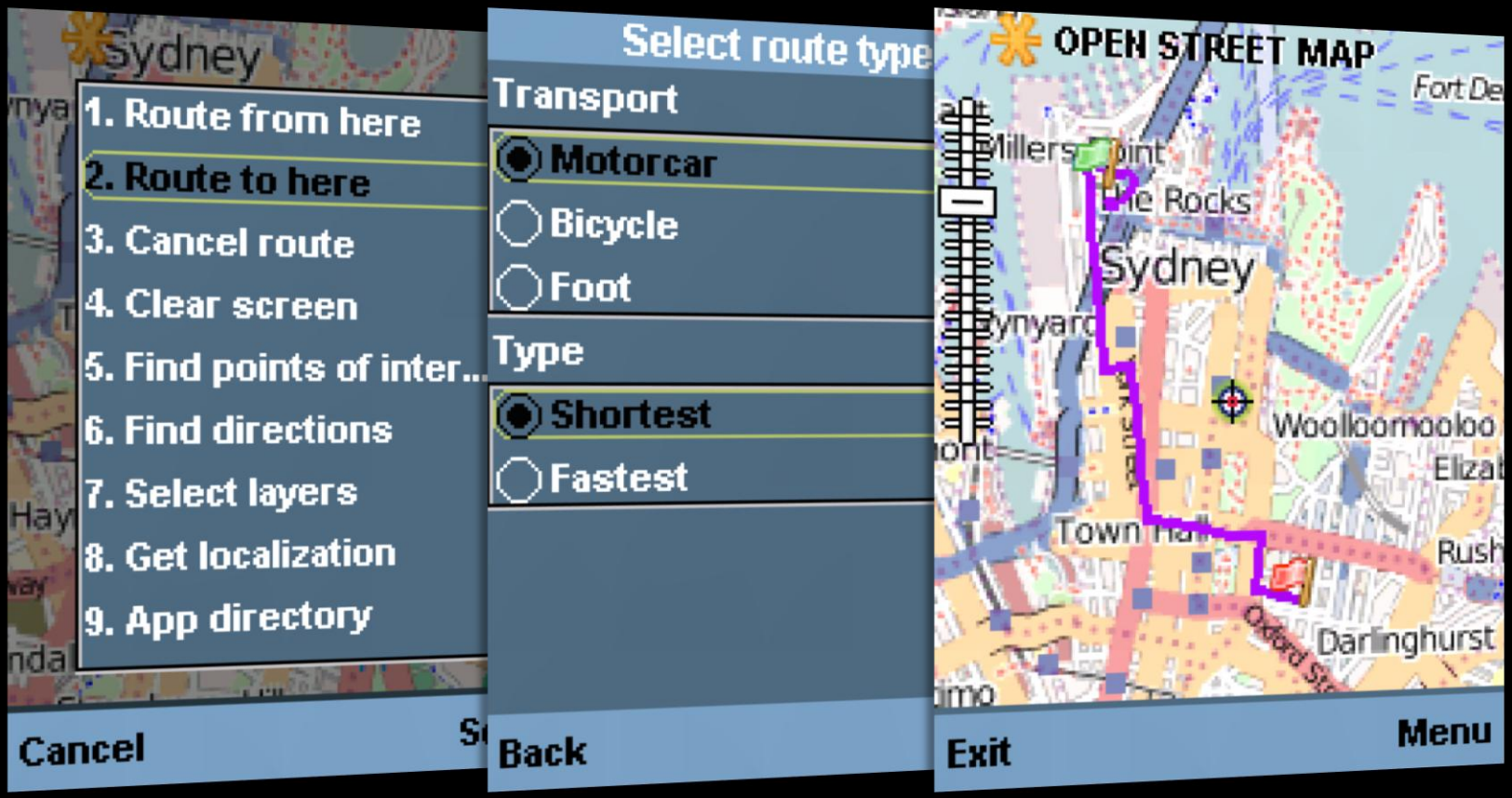

MICROSOFT MAP
Asquith
Terrey Hills
MICROSOFT SATELLITE
CYCLE MAP
OPEN STREET MAP
Hornsby
Parramatta
Chatswood
Sydney
Sutherland
Heathcote
OSMARENDER
Chatswood
Sydney
YAHOO MAPS
YAHOO SATELLITE
Exit
Menu

GPS Positioning

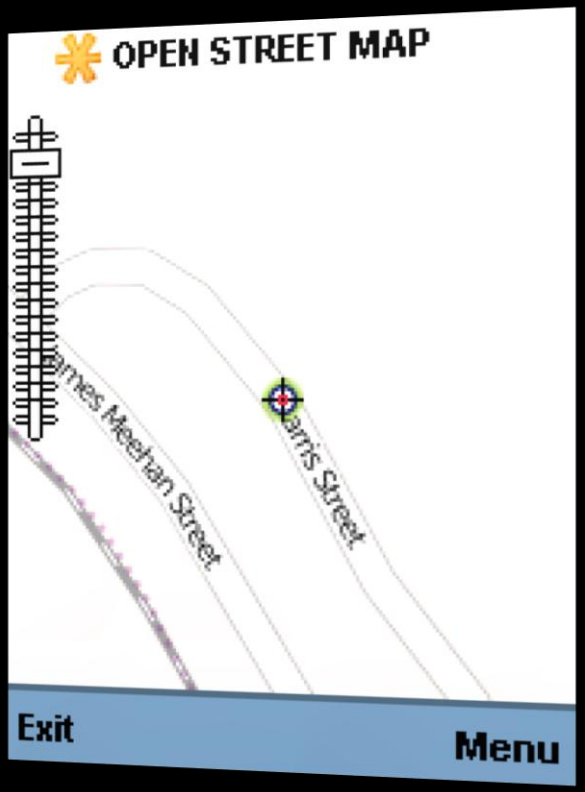


- See my location
- Search close POIs
- Use position for routes

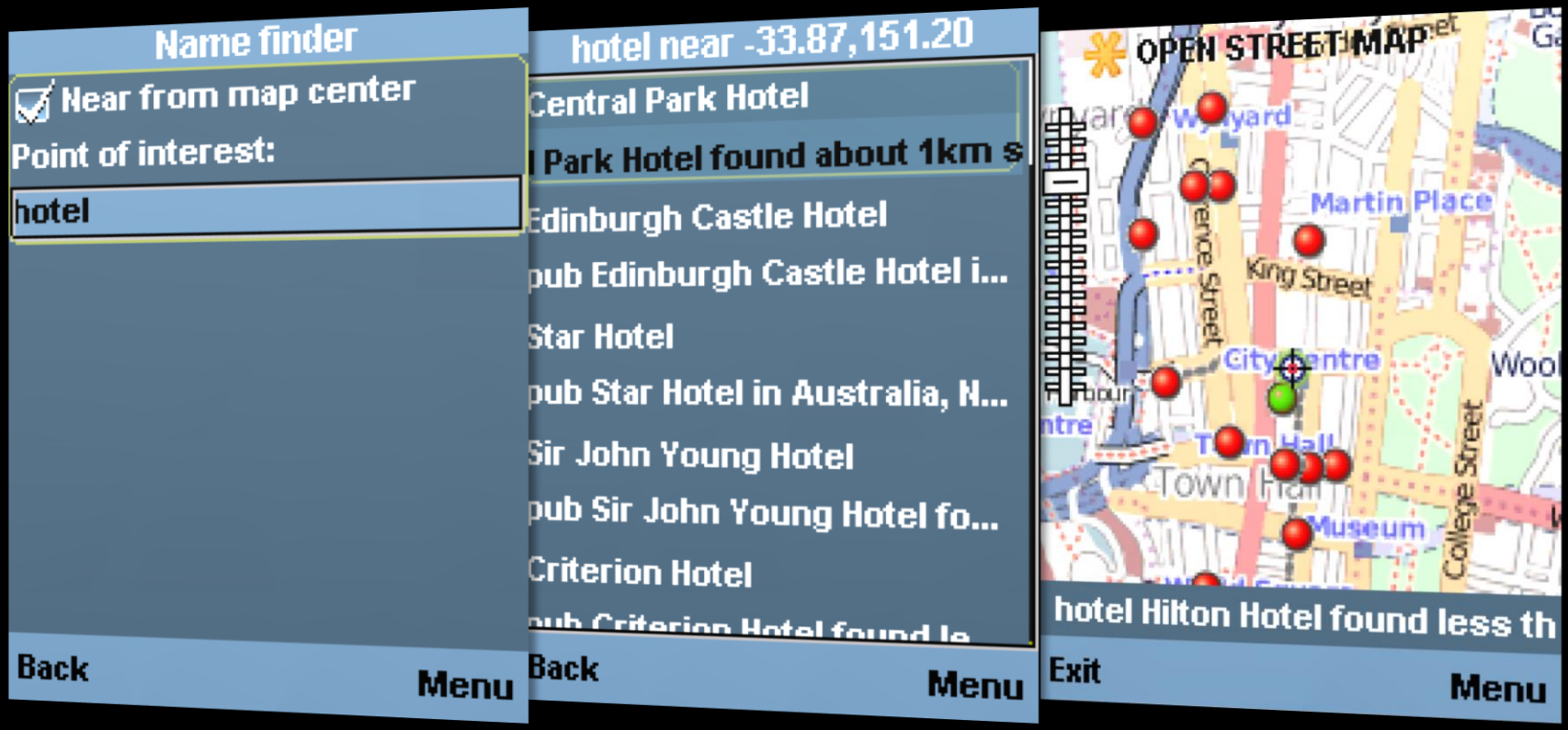
Route finder (YOURS)



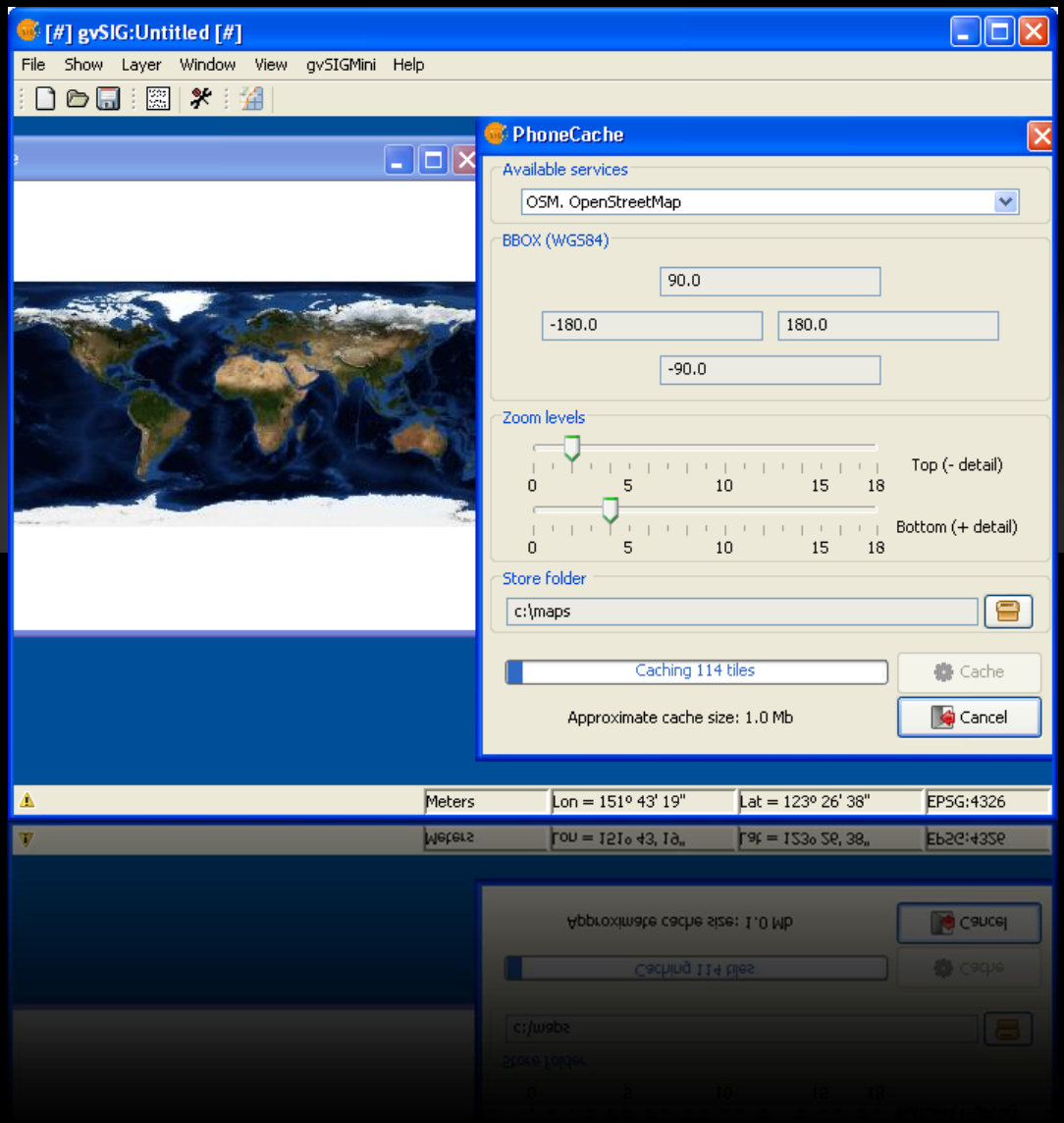
Address search (Name Finder)



POI Search (Name Finder)



Phone Cache (Tiles downloader)



What are the Requirements?

- Standard phones
  - Java CLDC 1.1/MIDP 2.0 enabled phone
  - (Optional) GPS and JSR 179
  - (Optional) Network connectivity
  - (Optional) JSR 75: Filesystem access
- Android
  - (Optional)Network connectivity
  - (Optional) GPS

How is it being done?

- Tiles + vector routes + POIs
- LWUIT for enhaced user experience
- Multithread
- Persistent cache
- Based in OSM services
- Supported SRS: "EPSG:4*" "EPSG:230*" "EPSG:326*" "EPSG:327*" "EPSG:275*" "EPSG:27700"

Where to get it?

- From PC

gvsigmini.org

- From phone

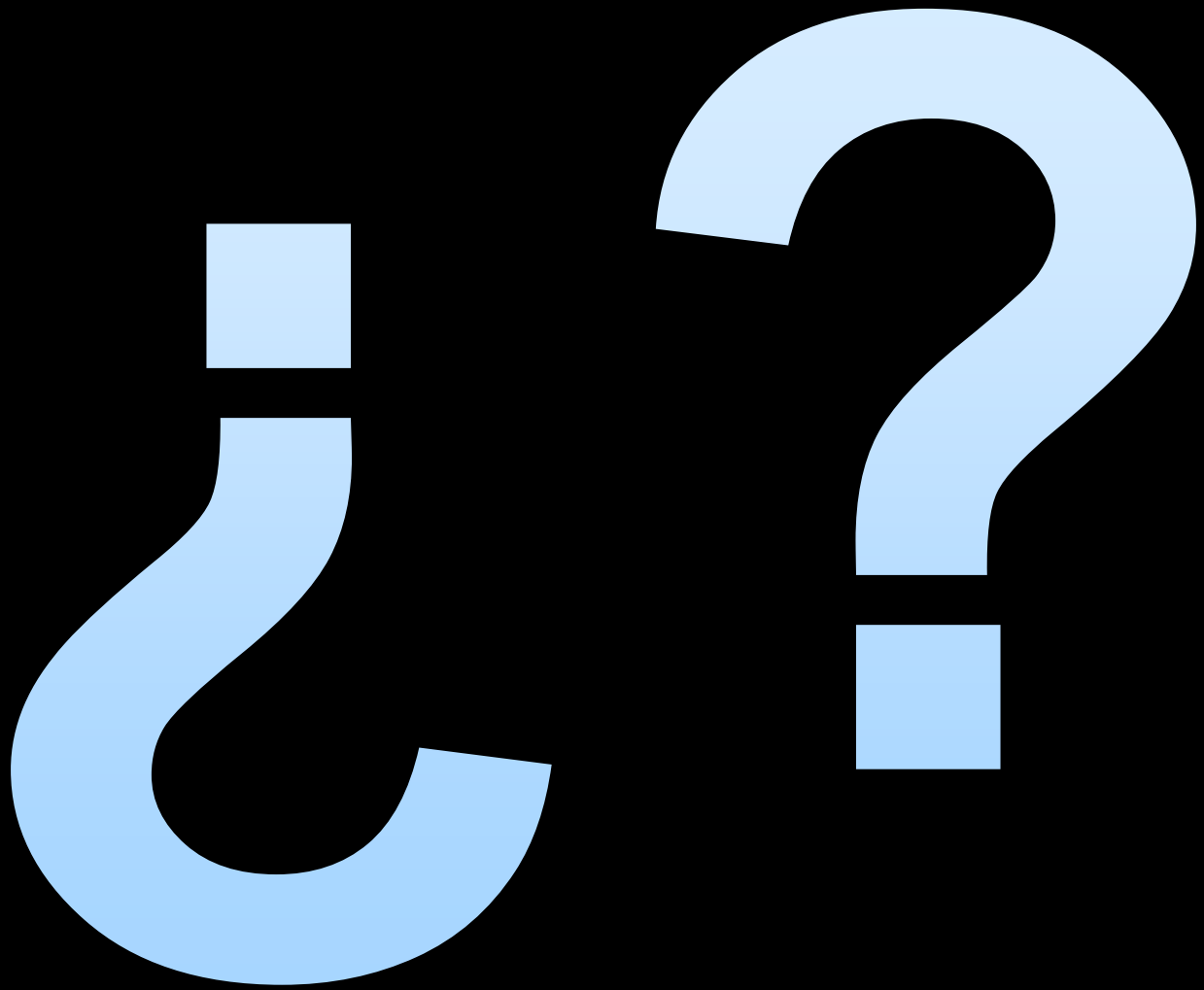
m.gvsigmini.org

What's next?

- Personal POIs storage
- Tracklogs and waypoints storage
- Disconnected address search
- Integration with social applications
- Unify Android and CLDC code

Collaborations are wellcome

Video



Thank You

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