



gvSIG Desktop



gvSIG is a complete **Geographic Information System**, as well as a **Spatial Data Infrastructures client**.

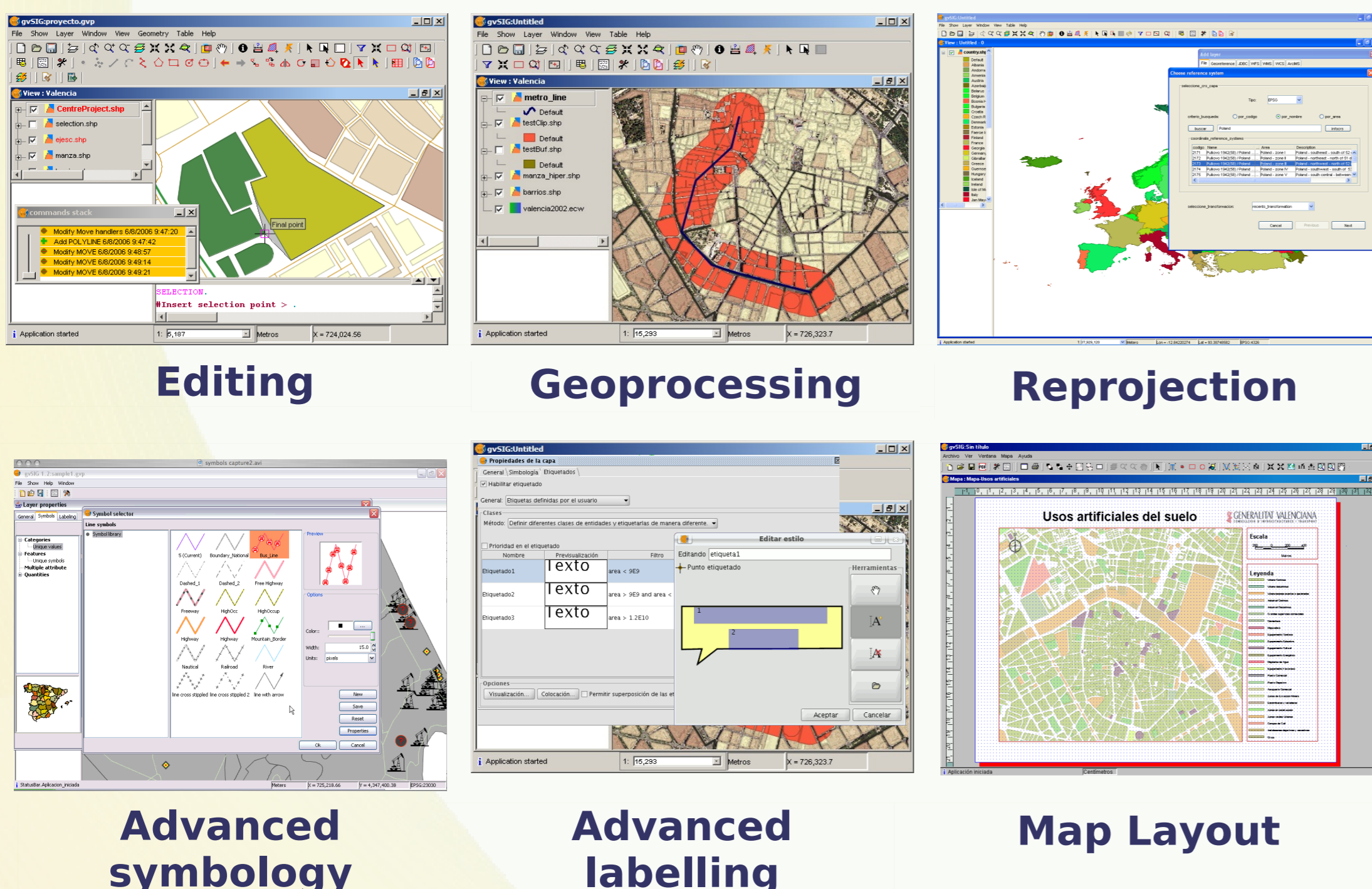
It is characterized by a user-friendly interface, with a quick **access to the most usual raster and vector formats**. In the same view it includes local files, as well as remote data through OGC standards, geographic databases, etc.

Features: Display, Query, Selection, Searching, Geoprocessing, Graphical and Alphanumeric Editing, Catalogue and Gazetteer Services, Vectorial and Raster representation, Labelling, Tables, Map Layout, Printing, Network Analysis, Raster and Remote Sensing, Publishing, 3D and Animation, Topology, Coordinates Reference Systems Manager, Import from/Export to WMC, Scripting, Translations Manager,...

Main characteristics

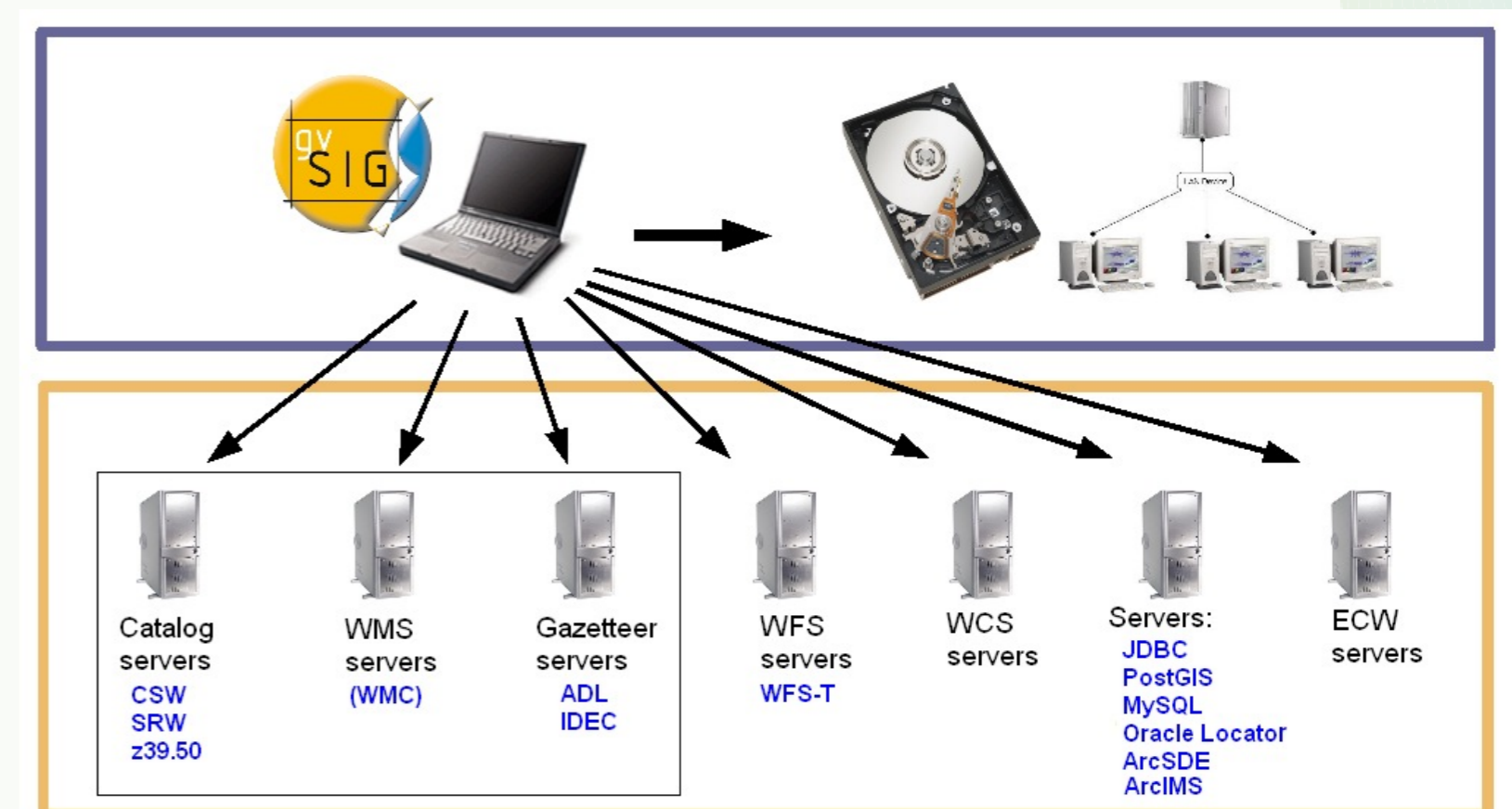
- Development language: **Java**
- Multiplatform: **Windows, Linux, Mac OS X**
- **OGC** Standards
- Free license (**GNU/GPL**).
- Modular, scalable, powerful.
- Simple interface: user friendly.
- Available in **+20 languages**

GIS Client



SDI Client

- **Display and Query services (WMS, WCS, WFS and WFS-T servers)**
- **Searching services (Catalogue client)**
- **Location services (Gazetteer client)**



Advanced functionalities

Network analysis
Optimal path calculation, topology, more geoprocessing...

Mobile devices
Integration of gvSIG into mobile devices: PDA, mobile phones...

3D
3D viewing and labelling, navigation tools...

Metadata
Automatic extraction, Editing, and Metadata Publishing

Publishing extension

Raster tools + **SEXTANTE project**
Georeferencing, Histogram view, image transparency, bright and contrast...
Functions oriented to geographical analysis and hydrology field...
(<http://www.sextantegis.com/>)

Civil Engineering

Sensors