



# gvSIG Desktop



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

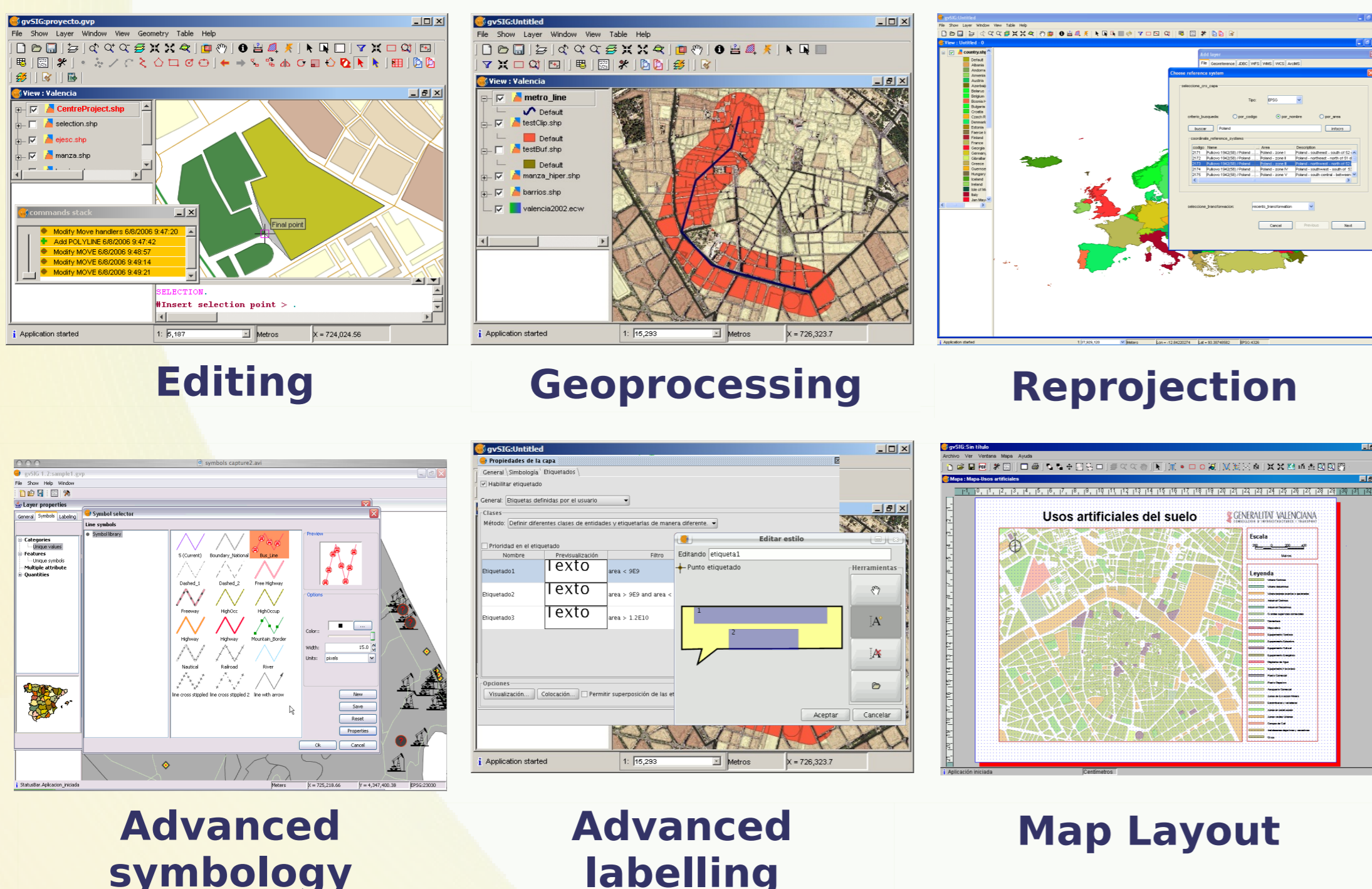
It is characterized by a user-friendly interface, with a quick **access to the most usual raster and vector formats**. In the same view it includes local files, as well as remote data through OGC standards, geographic databases, etc.

**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

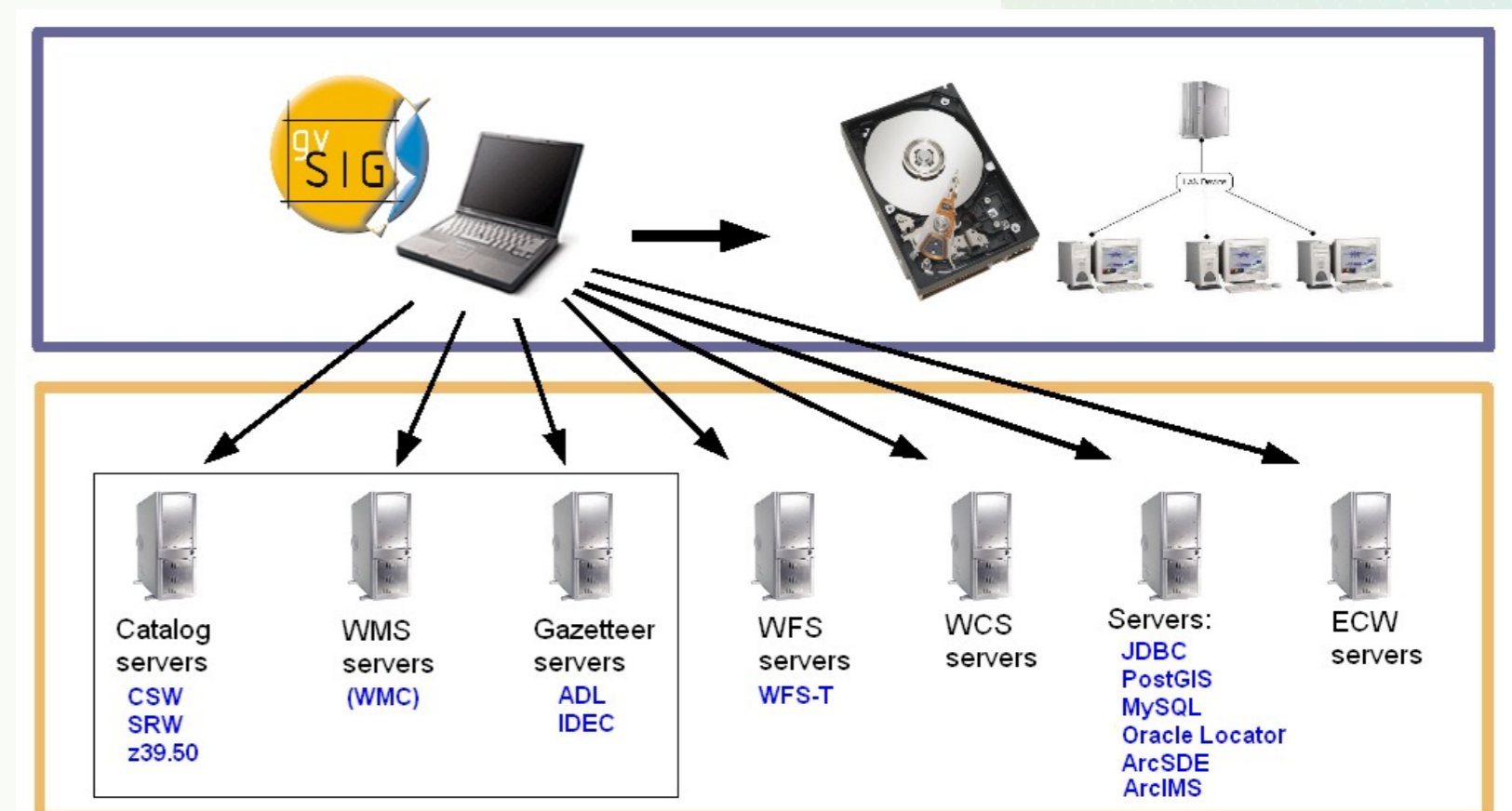
- Development language: **Java**
- Multiplatform: **Windows, Linux, Mac OS X**
- **OGC** Standards
- Free license (**GNU/GPL**).
- Modular, scalable, powerful.
- Simple interface: user friendly.
- Available in **+20 languages**

## 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...

**Raster tools**  
Georeferencing, Histogram view, image transparency, bright and contrast...

**Publishing extension; Metadata**

**SEXTANTE + GRASS**  
Functions oriented to geographical analysis and hydrology field, digital image processing...

**Civil Engineering**

**Sensors**