

Introduction

extMDB is an extension for gvSIG Desktop, the Open Source GIS (<http://www.gvsig.gva.es>) promoted by the the Valencian Government, for accessing data stored by Intergraph GeoMedia® in MS Access (MDB) format, easily loading geometries and related data by using the well-known "Add layer" interface available in gvSIG.

Prerequisites:

- Windows operating system (not tested on Vista, Windows 7)
- Linux operating system (tested on Ubuntu)
- gvSIG 1.9 (tested also on gvSIG OADE 2010 Beta 2)

Install

The correct version of gvSIG must be installed on the PC. The installation steps are:

- download the installer from the project's website;
- execute the installer double-clicking on it (if the installer is a .jar file, it could be necessary to type in the command prompt: `java -jar [path_to]extMDB-1.2-install.jar`, where [path_to] is the path to the installer - e.g., `c:\download\`).

If the installation process doesn't automatically find the folder where the correct version of the gvSIG application is installed, it has to be manually indicated. For instance, in the case of gvSIG 1.9 on Windows XP, the folder could be `C:\Program Files\gvSIG_1.9` or on Linux it could be `/home/[user]/gvSIG_1.9` where [user] is the user's name.

Uninstall

To uninstall extMDB, remove the folder `[path_to_gvSIG_1.9]\bin\gvSIG\extensiones\com.iver.cit.gvsig.mdb` where [path_to_gvSIG_1.9] is the path to the root folder of gvSIG (see above).

Usage:

- open the gvSIG's "**Add layer**" window
- select the '**MDB**' tab among the layer's data sources
- select the GeoMedia® Warehouse to open clicking on the '**Search**' button
- choose the suitable coordinate systems for the Feature Classes to import clicking on the '...' button (one or more Feature Class must be selected), otherwise the coordinate system of the current view is automatically set
- select the Feature Class(es) to import (the unsupported Feature Classes are marked in pale red)
- confirm clicking on the '**Ok**' button to start the conversion

Limitations:

- the data access is limited to read-only mode
- 'Text' and 'Image' (raster) types are not supported
- 'Arc' and 'Rectangle' geometries are not supported
- GeometryCollections composed by heterogeneous geometry types are not supported