

GISIX - a live Linux platform for FOSS GIS

Peter Loewe, Geography Department, University of Wuerzburg, Germany
Markus Neteler, ITC, Italy

Abstract

GISIX is a ready-to-use GIS workbench, consisting of FOSS GIS tools on a live LINUX CD/DVD. This approach provides convenient access to GIS functionality. Being KNOPPIX-based, it uses autoconfiguration functionality to be used in any place, at any time without hard disk installation

This is a reversal of the standard approach to FOSS GIS tools with its steep learning curve: GIS beginners are motivated by achieving immediate results, strengthening their curiosity to explore the capabilities of GIS technology and Open Source/Free Software solutions.

The modular concept allows to create custom solutions for designated target groups, including specific software and spatial data. So far, GISIX has been used worldwide for research and education