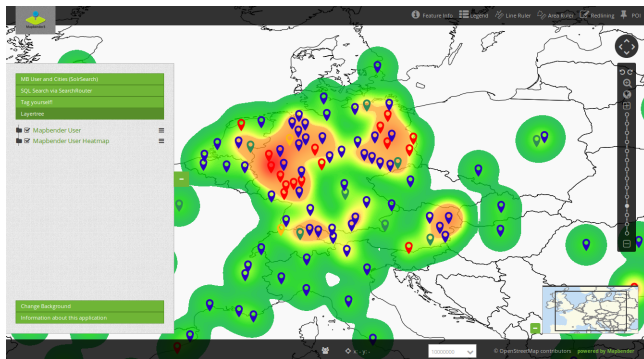# Mapbender

Open source software to display geospatial data services and create map applications

The open source software Mapbender is a content management system for geospatial data services and map applications. With Mapbender you can create applications without writing a single line of code. Based on state-of-the-art technologies Mapbender is a flexible client for OGC services. The software is an OSGeo Project and licenced under MIT.

Mapbender Application
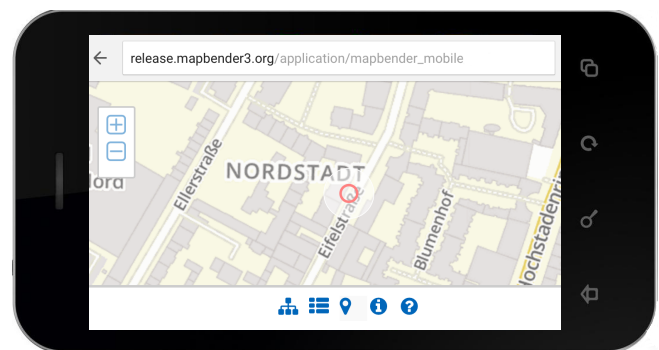
What does Mapbender offer?

High user-friendliness

▶ Modern web-based interfaces for user and administrators

▶ Delivery with preconfigured applications for displaying, navigating and querying maps (OGC Services)

▶ Administration of OGC Services in a Service repository. Individual configuration of Services in every application

▶ Customization of applications to individual requirements via the web interface with a collection of customizable elements

▶ The adaption of the designs can be done via customizable templates and CSS

▶ Based on the integrated user management, individual applications, single functionality and services can be assigned to specific users or groups

▶ Copy, import and export of applications

Maximum compatibility

▶ Besides PostgreSQL, also MySQL, Oracle or SQLite can be used for data storage

▶ Mapbender is platform independent and can be used on Windows, Mac and Linux

Mobile application

▶ Mapbender has its own template for mobile applications, which has been optimized for use on smartphones and tablets

Mapbender Mobile Application

More Functionality

▶ Digitalization: Mapbender makes it possible to create, retrieve and change geometry objects in the web browser. Complex forms for data input can be generated. All is configured via the administration. Data source is SQL

▶ Search: Configurable modules for creating searches via SQL or Solr

▶ Web-based printing with customizable print templates and image export

▶ WMC creation and handling

▶ GPS positioning

▶ And more nice features to discover

▶ You can extend Mapbender with your own modules and additional functionality.

www.mapbender.org