

The logo for FOSS4G 2006 features a stylized red and white graphic on the left, resembling a ribbon or a stylized letter 'G'.

FOSS4G 2006 - Free And Open Source Software

Contribution ID : 170

Create Online Maps with Customer Data

Thursday 14 Sep 2006 at 09:15 (00h30')

Our goal is to allow end-user to easily create, visualize, analyze and share web based thematic maps of its own arbitrary geographical business data. In order to achieve this, we developed a system centered on a XML description of data resources, thematic maps constructions and representation options.

This system provides the end user a set of nested base maps (e.g. city, districts, regions boundaries), which are the foundation of the user defined thematic maps as part of a join with user data. Each registered user has its own data space in which he can describe and upload data and construct thematic maps. Technically speaking, the XML resource representation is accessed by PHP routines and XSL stylesheets for web pages construction, Cartoweb+Mapserver configuration files and PostgreSQL/PostGIS database queries.

It is important to notice that the XML representation we developed for this application is independant of implementation choices (Mapserver, PostgreSQL, Cartoweb) and can be used as an API by any application to produce easy webmapping.

Primary authors : Mr. PIERRE, laurent (Electricité De France)

Co-authors : Mr. MARTIN, franck (cap gemini)

Presenter : Mr. PIERRE, laurent (Electricité De France)

Session classification : Session6 : Webmapping - LBS

Track classification : --not yet classified--

Type : Technical Conference