

The logo for FOSS4G 2006, featuring a stylized red and white graphic that resembles a map or a network of connections.

FOSS4G2006 - Free And Open Source Software

Contribution ID : 75

Web-based Spatial Data Catalog in Indonesia

The abundance of spatial data which has been acquired by Bakosurtanal, a survey and mapping agency in Indonesia, needs to be effectively managed. A spatial data catalog is essential for fast data searching and retrieval. A web-based system was already developed using open source packages such as Chameleon, MapServer and MySQL. database is managed by MySQL and the web GIS is produced by MapServer. This inexpensive configuration helps reducing the total budget to develop the system. In this catalog, the search of spatial data can be performed on the basis of map sheet, administrative area and theme. The metadata is also stored along with the spatial data. Since the system is in developed for web, it can be easily accessed by users. It is found that this system is a feasible approach to manage and display the spatial data to users in the internet.

Primary authors : Dr. PRAMONO, Gatot (Bakosurtanal, Indonesia)

Co-authors : Mr. SUSENO, Suseno (Bakosurtanal, Indonesia) ; Mr. SURIADI, A.B. (Bakosurtanal, Indonesia) ; Mr. SUWAHYUONO, Suwahyuono (Bakosurtanal, Indonesia) ; Dr. PONIMAN, Aris (Bakosurtanal, Indonesia)

Presenter : Dr. PRAMONO, Gatot (Bakosurtanal, Indonesia)

Session classification : Session 15 : Organizational empowerment through Open GIS

Track classification : --not yet classified--

Type : Conference