



OPEN-SOURCE GEOSPATIAL FOUNDATION

FOSS4G Southeast Asia

Open Source Tools and Application in Southeast Asia

18-19 July, 2012

Dr. Tuong Thuy Vu, OSGEO lab
University of Nottingham, Malaysia campus



- Non-profit organization

- Mission statement

To support the collaborative development of open source geospatial software, and promote its widespread use.

- Officers and Board of Directors

- Member categories: Participants, Members and Charter Members.

- Committees

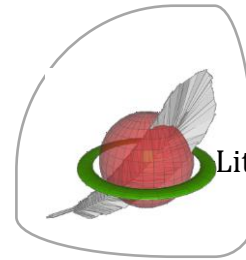
- Local Chapters

OSGEO Live DVD

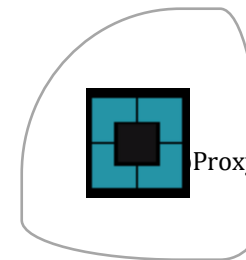


- The OSGeo Live project, originally compiled by Cameron Shorter, GeoSpatial Programs Manager at LISAsoft, and one of the coordinators of the OSGeo-Live Project.
- OSGeo Live is a self-contained bootable DVD, based on the Xubuntu linux distribution, that is pre-installed and pre-configured with close to 50 of the best GeoSpatial Open Source applications along with sample datasets.
- OSGeo-Live can also be run from a USB flash drive, installed into a Virtual Machine, or installed onto your hard drive.

Databases

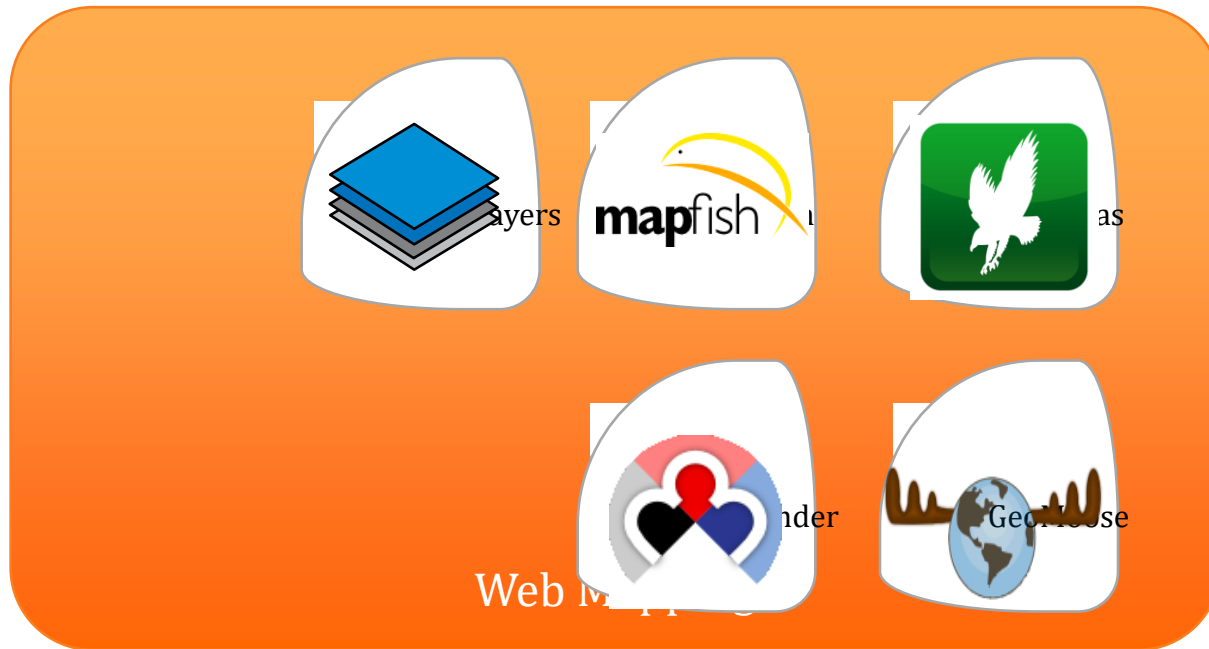


Web Services





Web Mapping





Desktop Applications

The image displays a collection of 11 desktop application icons for GIS software, arranged in two rows on a blue background. The icons are:

- AtlasStyler
- QGIS
- Geopublisher
- gvSIG
- Kosmo
- QGIS (with globe icon)
- QGIS (with landscape icon)
- UMP
- OSG EARTH osgearth
- OSSIM
- QuantumGIS

Desktop Applications

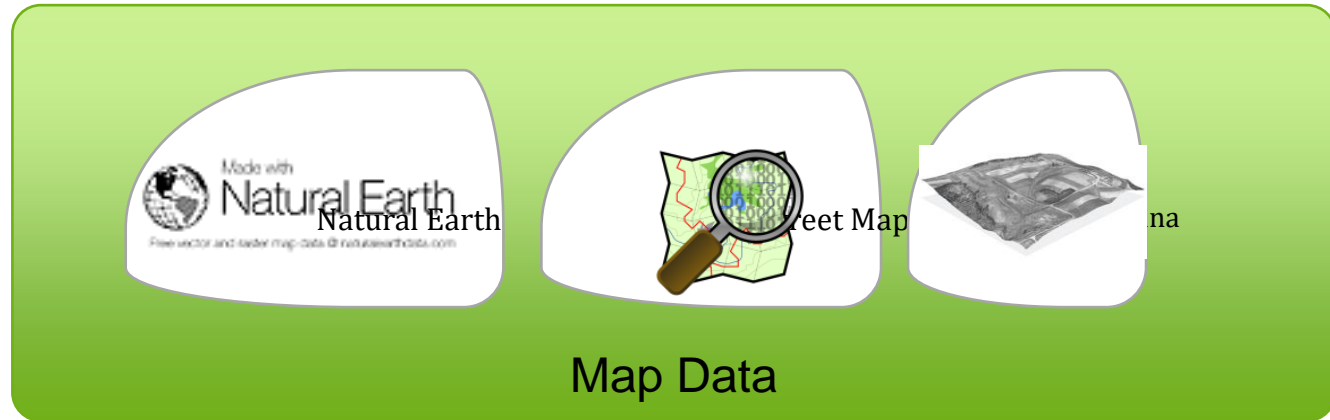
Spatial Tools



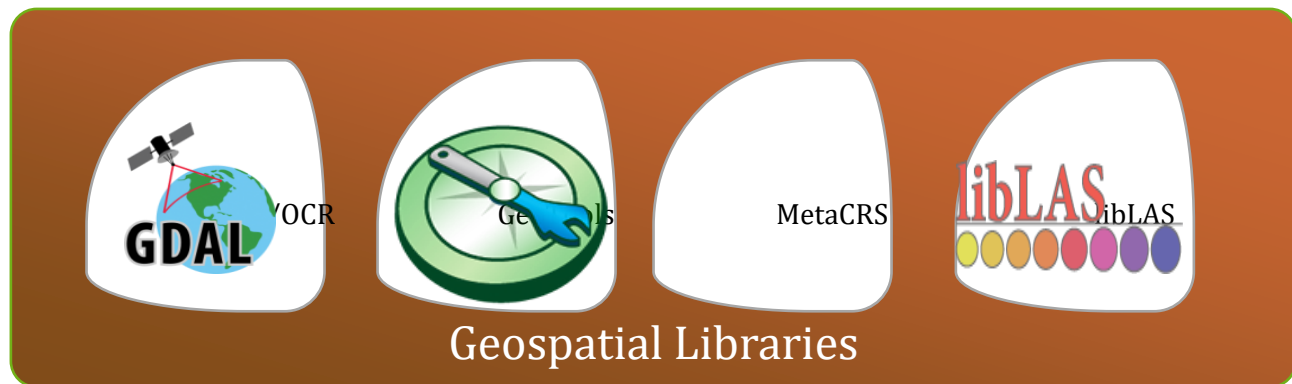
Navigation & Maps



Map Data



Geospatial Libraries



Local chapter



- Being a strong local voice for the OSGeo
- Major tasks
 - Provide member networking opportunities for support and job opportunities
 - Software Internationalization and Localization
 - Development of prototype applications to demonstrate Open Source geospatial capabilities to local and regional audiences
 - Software Packaging and Customization for local and regional needs
 - Training, Support and Development of e-Learning Contents in local languages
 - Support Open standards and Open access to geospatial data in region
 - Promoting OSGeo and enhancing visibility in various forums

Chapter responsibility



- "OSGeo Chapter" offer a more formal framework for self-organization based on a few simple guidelines listed below;
 - officially represents OSGeo and is formally recognized as OSGeo Project.
 - must support the OSGeo Mission and Objectives of OSGeo.
 - must hold regular meetings (at least annual) and provide annual report of activities to chapter membership and OSGeo Board.
 - will not entail any financial commitment from or on-behalf of OSGeo. OSGeo will also not provide any budget assistance to the "OSGeo Chapter".
 - is encouraged develop and maintain "Directory Listing" of companies, people, universities and organizations involved with or using OSGeo projects.
 - must strive at networking with organizations to enlist participation and support for OSGeo.
 - OSGeo reserves the right to terminate its relation with an "OSGeo Chapter" if OSGeo has reasons to believe that the activities of the "OSGeo Chapter" are contrary or detrimental to the Mission and Objectives of OSGeo.

Chapter benefit



- "OSGeo Chapter" is permitted to use OSGeo Logo and other branded resources for promoting the Mission and Objectives of OSGeo.
- OSGeo will provide necessary infrastructure to promote communication and visibility of "OSGeo Chapter". The infrastructure will include mailing list, hosting of wiki pages, domain service for "OSGeo Chapter".

Chapter formation



In order to form a chapter, the following steps should be taken:

- "OSGeo Chapter" should self-organize (for instance in the OSGeo wiki, via OSGeo mailing list, etc), seeking to determine if a critical mass of interest exists to justify a chapter.
- "OSGeo Chapter" should prepare a mission and objectives indicating the scope of the planned chapter (geographic or linguistic extent for instance).
- "OSGeo Chapter" should propose an official representative to liaise with the OSGeo Board. If accepted by the board, the representative will be an officer of OSGeo.
- "OSGeo Chapter" should submit an official expression of interest to form a chapter to the OSGeo board, listing initial members, mission, representative, legal form (incorporated?) and other supporting information.
- The OSGeo board shall then consider passing a motion forming the chapter, and designating the liason officer.

Needs for Malaysian local chapter

- Plenty of OSGEO users many of which is working hard on the promotion mission
- Fewer OSGEO developers but there exists
- Lack of communication
- Demands from public organization and industry for deployment of OSGEO
- Well-trained workforces and researchers in geospatial tech., less exposed to OSGEO tools
- Stronger communities

ICA & OSGEO MoU

- Nuremberg, Germany - September 27, 2011
- Aims: developing on a global basis collaboration opportunities for academia, industry and government organizations in open source GIS software and data
 - provide expertise and support for the establishment of Open Source Geospatial Laboratories and Research Centres across the world for supporting development of open-source geospatial software technologies, training and expertise.
 - to provide support for building-up and supporting development of open source GIS teaching and training materials, joint organization of open source GIS events, workshops through the ICA network for wider participation globally etc.

Open Source Geospatial Labs

- Nottingham Geospatial Institute, UK
- School of Geography, UNMC, Malaysia
- University of Pretoria, South Africa
- Federal University of Paraná, Brazil



OSGEO Malaysia local chapter

- Mission

To promote the uses and development of open-source geospatial tools, services, and data in Malaysia.

- Objectives

- To provide a forum for discussion, promotion, networking opportunities for developers and users.
- To raise the open-source geospatial profile in Malaysia and region (in coordination with neighboring local chapters)

OSGEO Malaysia local chapter

- Planned activities
 - Promotion & Communication:
 - Annual networking event,
 - Rep. to present at national and regional conferences/symposium
 - Wiki, linkedin group
 - Liaise with governmental offices, agencies
 - Development
 - Education & Training
 - Workshop and training

OSGEO Malaysia local chapter

- Committee
 - Chair
 - GE
 - International Advisory: Franz-Josef Behr
 - Education & Training
 - Marketing and Promotion
 - Events

OSGEO Malaysia local chapter

- Initial Members
 - Prof Dr Alias Bin Abdul Rahman (UTM)
 - Dr. Tuong Thuy Vu (UNMC)