













OSGeo

Your Open Source Compass



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Welcome to the OGC Website

The Open Geospatial Consortium, Inc.® (OGC) is a non-profit, international, voluntary consensus standards organization that is leading the development of standards for geospatial and location based services.

Recent News

- » [Results of AECOO-1 Testbed Are Available Online as Streaming Video](#)
- » [OGC Releases OWS-6 Interoperability Testbed Videos](#)
- » [David Danko Receives OGC's Gardels Award](#)
- » [OGC Releases Videos of GEOSS Interoperability Demo](#)
- » [More...](#)

Upcoming Events

- » [Spatial Ontology Community of Practice Workshop](#)
- » [More...](#)

Current Requests and Initiatives

- » [OGC Calls for Industry Input on Geospatial Fusion](#)
- » [OGC Issues RFQ and Call for Participation in NGA "Plug Week" Pilot](#)
- » [OGC Calls for Comment on revision to OGC Web Services Common Standard](#)
- » [OGC Calls for Proposals for Empire Challenge 09 Pilot](#)
- » [More...](#)

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Next OGC TC/PC Meetings

September 10th Technical and Planning Committee Meeting

Standards

- [OGC Reference Model \(ORM\)](#)
- [OGC Axis Order Policy](#)
- [Catalog Service \(CAT\)](#)
- [GML in JPEG 2000](#)
- [Filter Encoding](#)
- [Geography Markup Language \(GML\)](#)
- [OGC KML \(KML\)](#)
- [Sensor Model Language \(SensorML\)](#)
- [Sensor Planning Service \(SPS\)](#)
- [Styled Layer Descriptor \(SLD\)](#)
- [Symbology Encoding \(Symbol\)](#)
- [Transducer Markup Language \(TML\)](#)
- [Web Coverage Service \(WCS\)](#)
- [Web Feature Service \(WFS\)](#)
- [Web Map Context \(WMC\)](#)
- [Web Map Service \(WMS\)](#)
- [Web Service Common \(WSC\)](#)
- [More...](#)

New Members

- [Rostock University, Chair of Geodesy & Geoinformatics](#)
- [Junta de Andalucia](#)
- [Arizona State University, GeoDa Center for Geospatial Analysis & Computation](#)
- [Agentschap voor Geografische Informatie Vlaanderen \(AGIV\)](#)
- [Technische Universität München, Dept. of Informatics](#)
- [Hunte, Robert](#)



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- » Results of AECOO-1 Technical Working Group Meeting Available Online
 - » OGC Issues OWF Properties and Operations Bestbed Vocabularies
 - » David Wilko Receives OGC's Garden of Knowledge Award
 - » OGC Issues Vocabularies of GEOSS Interoperability
 - » More...
- Upcoming Events**
- » Ontology Community of Practice Workshop
 - » More...
- Recent Requests for Proposals**
- » OGC Calls for Industry Input on Geospatial Fusion
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September 09 Technical and Planning Committee Meetings

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- [Text Markup Language \(TML\)](#)
- [Image Service \(WCS\)](#)
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- view source
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- 한국어
- Latviski
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- Magyar
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- Русский
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- Slovensky
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- Suomi
- Svenska
- Türkçe
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- Tiếng Việt
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Welcome to OpenStreetMap

OpenStreetMap creates and provides free geographic data such as street maps to anyone who wants them. The project was started because most maps you think of as free actually have legal or technical restrictions on their use, holding back people from using them in creative, productive, or unexpected ways.

[Show me the map!](#)

I want to see maps; get out of my way!

Beginners' Guide

All the resources for a complete beginner to learn about and get involved with OpenStreetMap.

Map Making

The complete reference to everything about editing our maps.

Development

Lend your programming skills to help make OpenStreetMap better.

Image of the week



Group photo from [State Of The Map 2009](#). Watch the [videos](#) of each talk, see [photos](#), [slides](#), [videos](#), and [links](#)

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how to use the map!

to see...; get out of my...

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Other featured images



Open Source Geospatial for the Enterprise

[Home](#)



OPENGEO
Suite

Enterprise support for a complete, open source, web mapping platform.

News & Blog

[Designing a Better Honey Jar](#)

Paul Ramsey's post about James Dixon's beekeeper model got me thinking about how OpenGeo adds value to open source software through our design work. Paul summarizes the beekeeper model like so: The open source community is the bee hive. The company provides care for the hive, and processes the results into the kinds of products [...]

[More posts...](#)

Case Studies

[Landgate](#)

OpenGeo provides a



collaborative map for Landgate, Western Australia's land data authority using

Core Open Source Development

- [GeoServer](#)
- [OpenLayers](#)
- [PostGIS](#)
- [GeoExt](#)

Training

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Consulting

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Open Source Geospatial for the Enterprise

[Home](#)



News & Blog

[Designing a Better Honey Jar](#)

They's post... thinking about
beek... model... thinking about
how... Geo ad... to open source
through...
summarizes the...eper model like so:
The open source... community is the bee
hive. The comp... provides care for the
hive, and proc...
kinds of products [...]

[More posts...](#)

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Where is the Action ?! *(online)*

- www.osgeo.org
- wiki.osgeo.org
- lists.osgeo.org
- trac.osgeo.org
- download.osgeo.org
- [gallery / journal](#)



OSGeo

Projects

OSGeo

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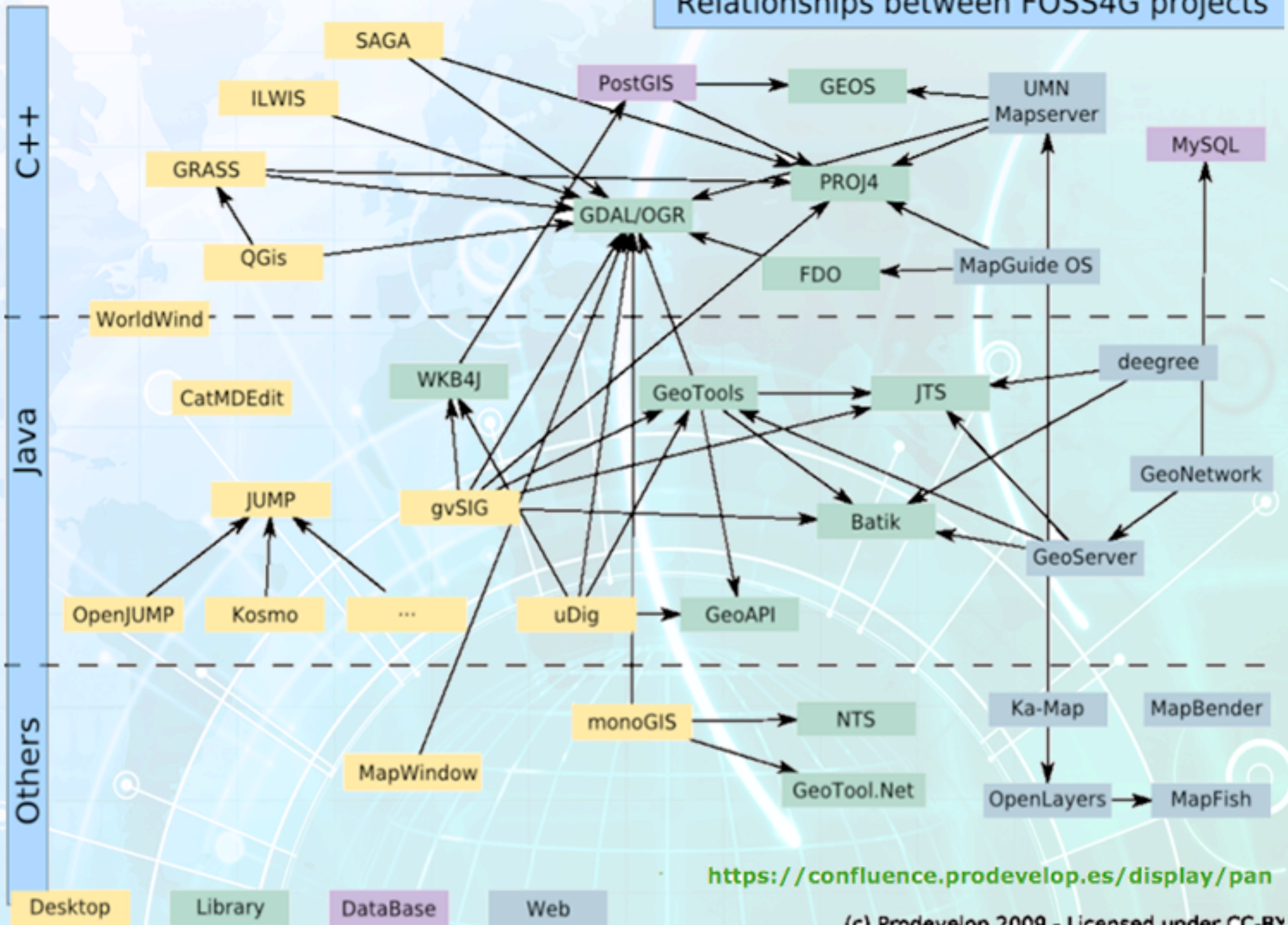
Local Chapters

Conferences



OSGeo

Relationships between FOSS4G projects



<https://confluence.prodevelop.es/display/pan>

degree

Mapbender

MapBuilder

MapGuide Open Source

MapServer

OpenLayers

Web Mapping

GRASS

OSSIM

Quantum GIS

gvSIG

Desktop Applications

Projects

FDO

GDAL/OGR

GEOS

GeoTools

Geospatial Libraries

GeoNetwork opensource

Metadata Catalog



OSGeo

June 2009 ~200k pkg downloads

QGis • Mapserver • OSGeo4W • GDAL

Pages-URL					
Total: 21384 different pages-url	Viewed	Average size	Entry	Exit	
/qgis/win32/QGIS-1.0.2-0-Setup.exe	47306	88.26 MB	19637	18749	
/	25101	1.47 KB	2599	2496	
/mapserver/mapserver-5.4.1.tar.gz	11816	1.78 MB	2278	2001	
/osgeo4w/setup.ini.bz2	11594	11.06 KB	2758	1914	
/osgeo4w/osgeo4w-setup.exe	6065	365.05 KB	3425	1092	
/mapserver/mapserver-4.10.4.tar.gz	3798	1.63 MB	46	61	
/osgeo4w/./release/geos/geos-3.0.3-2.tar.bz2	3395	206.63 KB	6	22	
/osgeo4w/./release/curl/curl-7.15.1-2.tar.bz2	3155	196.53 KB	19	17	
/osgeo4w/./release/gdal/gdal-1.5.4-2.tar.bz2	3126	1.96 MB	6	41	
/osgeo4w/./release/expat/expat-2.0.1-1.tar.bz2	3102	86.45 KB	10	10	
/gdal/	3049	12.29 KB	1675	885	



2008 Summer of Code

GRASS

1. *v.buffer* rewrite- Rosen Matev: Reimplement And Add Features to Buffer Generation
3. *v.voronoi* rewrite- Martin Pavlovsky: Reimplementation of *v.voronoi* and *v.delaunay*
4. wxSQL GUI
5. *r.cva/r.los* replacement- William Richard: Improving Visibility Algorithms

GeoServer

1. H2 database spatial indexing
2. GeoWebCache Improvements - REST API
3. Vespucci Development - Creating a Collaborative Front End for GeoServer
4. Python spatial web api

GeoTools

1. Image mosaicking/pyramidal geotools plugin
2. JMagick integration with ImageIO
3. Raster polygonalization for GeoTools
4. KML reader for Geotools

uDig

1. Raster-Map-Calc for uDig
2. Digital Elevation Model for software uDig
3. Vector Map-Calc

Mapbender

1. Developing an Automated Update Routine for Mapbender (Siddharth Prakash)
3. Mapbender Administration Module Re-implementation (Arif Hidayat)

GDAL

1. GDAL Read/Write driver for TMS tiles V-clav Klus-k
2. GDAL2Tiles Improvement Petr Pr
- OpenLayers
1. Improve OpenLayers Vector, Selection, and Editing Support (crschmit)
2. OL Archi

OpenJUMP

1. OpenJUMP-3D
2. Graphical Modeling for Geographic Data Processing

QGIS

1. Enhance Labeling of Features, Student Galen Mecham - Mentor Gary Sherman (DANGER)
Laval University
1. Laval University/CamptoCamp

Geo-BI dashboards



OSGeo

Official

Africa

Australia/New Zealand

Brazil

Canada

Czech

Dutch Language

European Network →

Indonesia

Israel (Hebrew Language)

Romania

Scotland

Sudamerica

Taiwan

Thailand

In Formation

Local Chapters



OSGeo

→ **California**

India

Japan

Ottawa (Canada)

New Mexico (USA)

Italian Language

French Language

Official

German

Korean

Poland

Spanish

United Kingdom

More...

Local Chapters

In Formation



OSGeo





Free and Open Source Software for Geospatial Conference 2009

20 - 23 October 2009

Sydney Convention & Exhibition Centre

<http://2009.foss4g.org/>

See you in Sydney