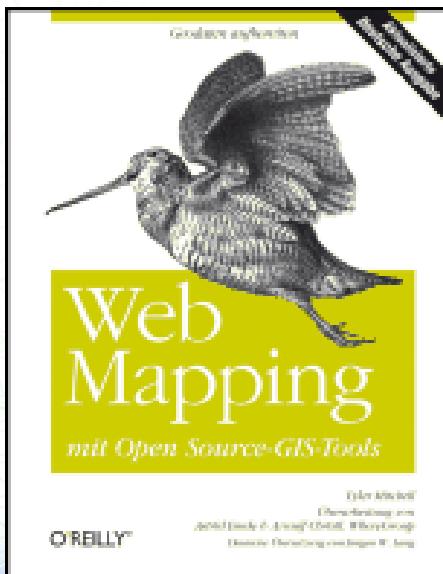




## Your Personal Analysis Toolkit

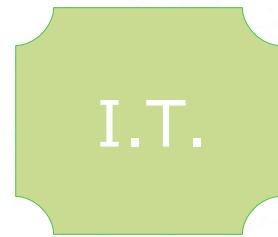
*An Open Source Solution*

- Geographer, GIS Professional
- Author, *Web Mapping Illustrated*
- Executive Director & Charter Member  
*Open Source Geospatial Foundation*



# Operating Systems

Email



Web  
Browsers

Programming

## Visualization

Collection

Data processing



Geospatial

I.T.

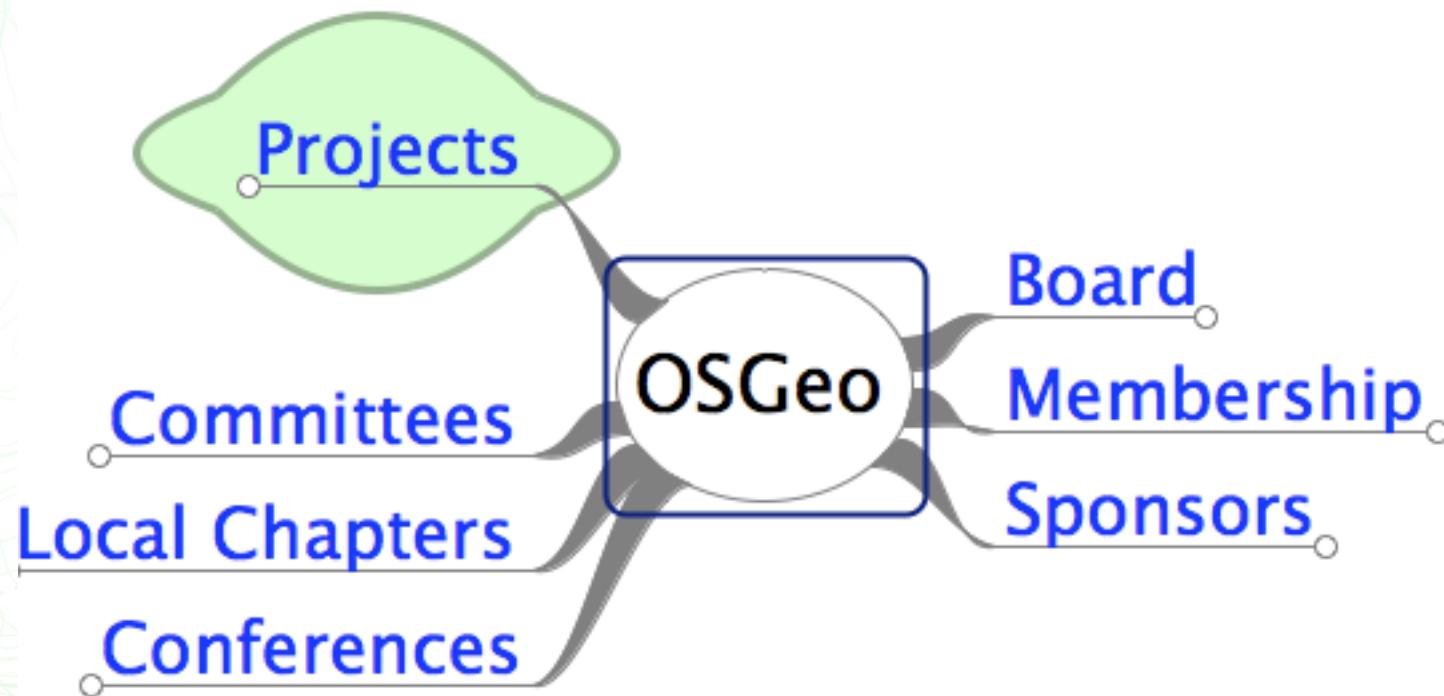
Data access

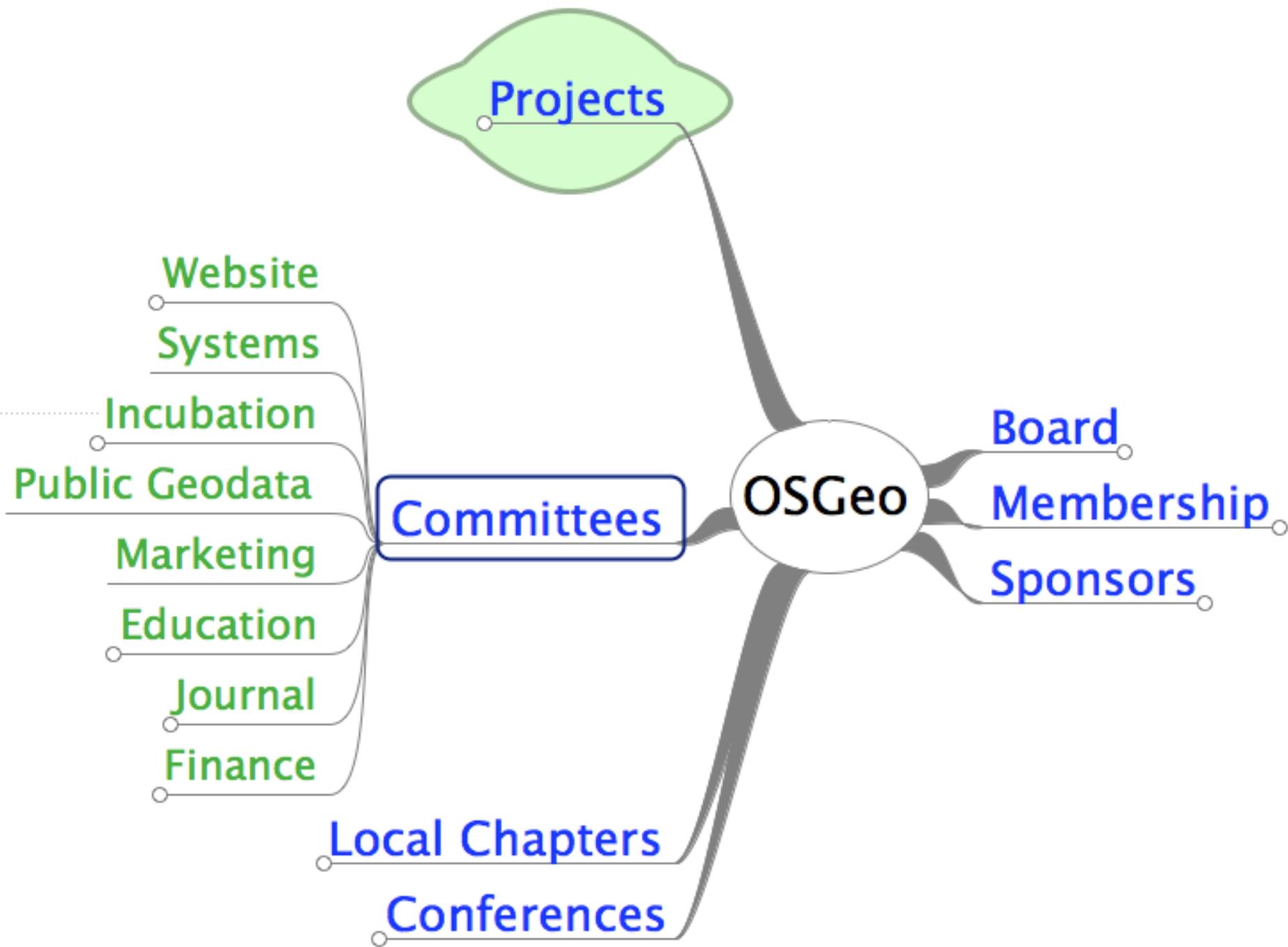


[openclipart.org](http://openclipart.org)



# OSGeo's Ecosystem





## Committees

- China
- India
- Japan
- Ottawa (Canada)
- New Mexico (USA)
- Italian Language
- French Language
- German
- Korean
- Poland
- Spanish
- United Kingdom
- More...

Official

Local Chapters

In Formation

OSGeo



## Local Chapters

<http://osgeo.org/local>

Projects

Committees

Local Chapters

Conferences

Cape Town, South Africa

Sydney, Australia

Barcelona, Spain

FOSS4G 2006

FOSS4G 2007

FOSS4G 2008

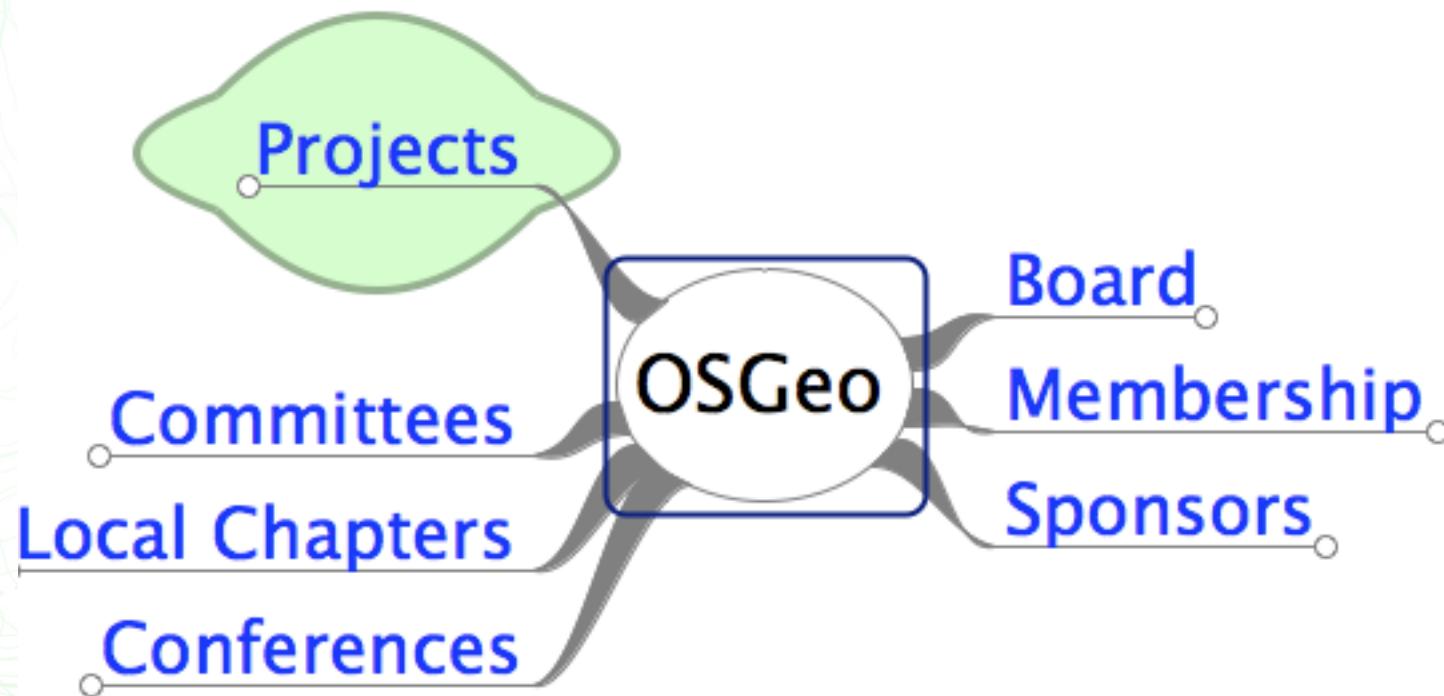
FOSS4G 2009

FOSS4G 2010

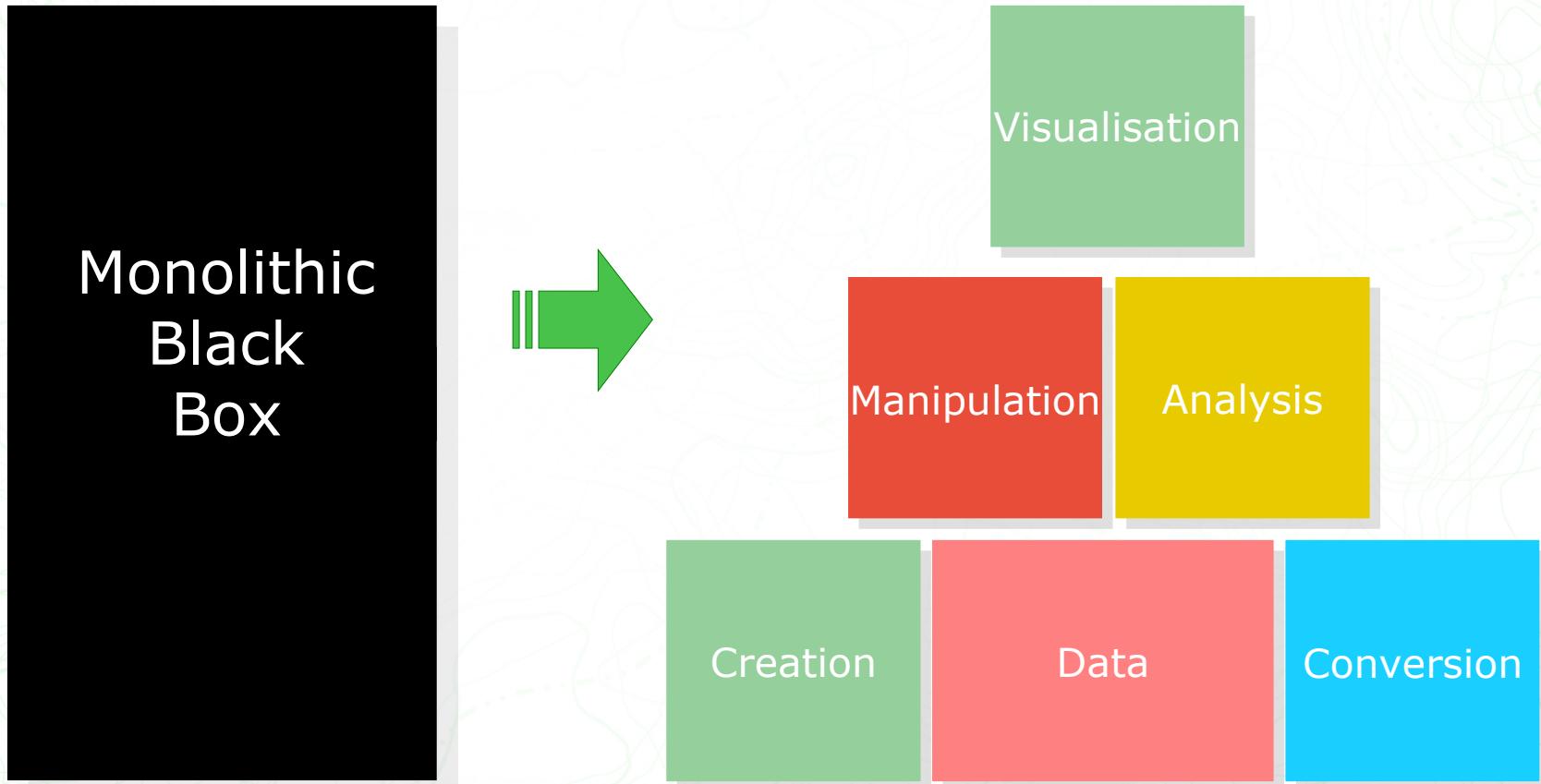
FOSS4G 2011 ?



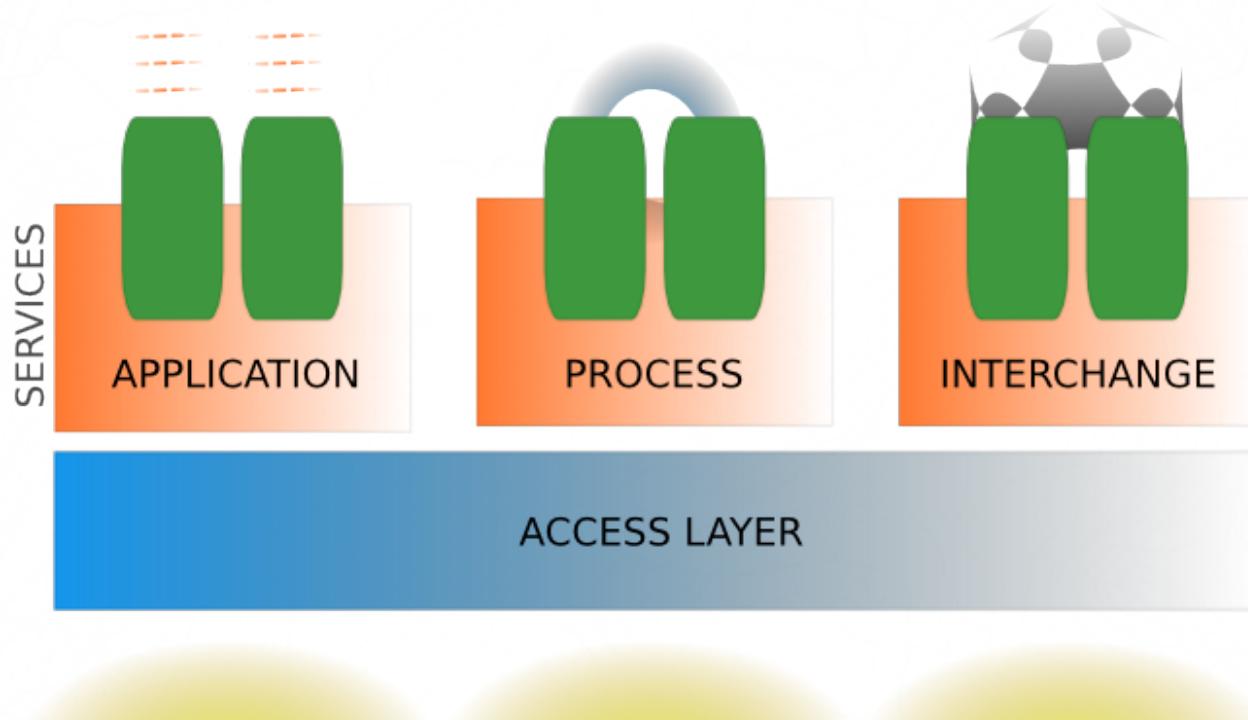
# OSGeo's Ecosystem



# Today's Toolkit



## SOLUTION





# OSGeo Project Stack

Web Client

MapBuilder – OpenLayers

deegree  
Mapbender

MapFish  
MapGuide  
MapServer

GeoNetwork

Web Server

Desktop

GRASS GIS - gvSIG - OSSIM - Quantum GIS

Libraries

GDAL / OGR (C++, etc)  
GeoTools (Java)  
FDO (C++)

OSSIM - GEOS

Database

PostGIS  
& Other DB

Data Files  
(Imagery, vector, topography)

**Project Development Statistics**  
Updated: 2-Nov-2008

From ohloh.net

Project (link to stats page) 	Codebase Lines of code 	Contributors 	Effort (person years) 	Est. cost \$USD 
<a href="#">deegree</a> 	475,756	20	125	6,880,114
<a href="#">gvSIG</a> 	1,797,359	62	506	27,804,278
<a href="#">GEOS</a> 	93,369	14	23	1,252,806
<a href="#">Feature Data Objects (FDO)</a> 	770,748	22	212	11,679,154
<a href="#">GeoNetwork opensource</a> 	359,225	11	93	5,122,974
<a href="#">GeoTools</a> 	1,472,845	46	410	22,548,581
<a href="#">GDAL</a> 	619,706	26	170	9,357,931
<a href="#">Quantum GIS</a> 	193,174	34	50	2,761,972
<a href="#">OSSIM</a> 	525,942	21	143	7,846,712
<a href="#">GRASS GIS</a> 	518,049	61	140	7,682,948
<a href="#">OpenLayers</a> 	68,695	12	17	913,757
<a href="#">MapServer</a> 	108,306	32	27	1,499,454
<a href="#">MapGuide Open Source</a> 	360,959	34	95	5,240,110
<a href="#">Community MapBuilder</a> 	141,198	24	35	1,921,633
<a href="#">Mapbender</a> 	261,029	23	68	3,713,822
2009 YTD	Total 10M+ <del>7,766,360</del>	547 - <del>442</del>	51% this year	

# Beyond Technology

- **Wide range of supporters**
  - > Advocates, enthusiastic power users
  - > Developers, writers, testers
  - > Sponsors!

# Community Support Pyramid

Project

Project

Tools

Sponsor  
Features

Mailing Lists  
Forums  
Bug Trackers

Project Meetings  
Release Plans

People

Users

Developers

Integrators

# Your Outlook for 2010

- **Aim high!**
  - > Expect more from your software
  - > Get under the hood and re-use
- **Expand your abilities**
  - > Break out – meet tomorrow's standards
  - > Invest in your organisation
- **Join Us!**
  - > Encourage your professionals
  - > Support others and be supported



**Sustaining Sponsor**

**Autodesk**

**Supporting Sponsors**



**INGRES**



**Associate Sponsors**



WWW.BOREAL-IS.COM



# Contact Me

**TYLER MITCHELL**

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Executive Director

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