

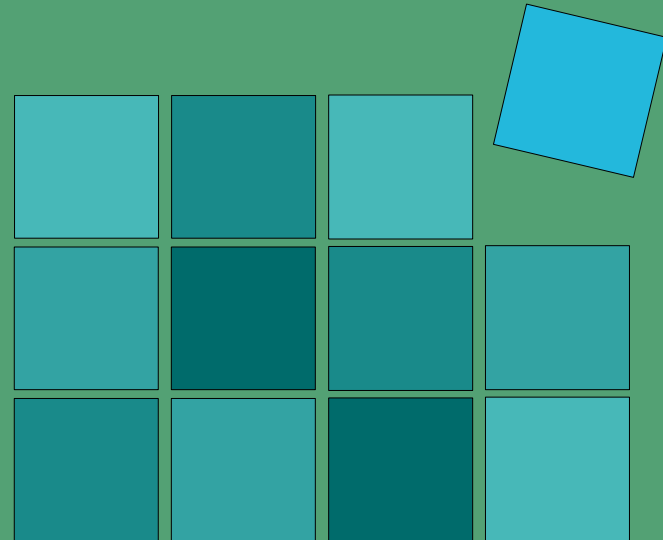
# The Open Source Geospatial Foundation

Michael P. Gerlek,  
OSGeo & LizardTech

GeoWeb 2006  
Vancouver, BC  
26 July 2006



**OSGeo.org**  
The Open Source  
Geospatial Foundation

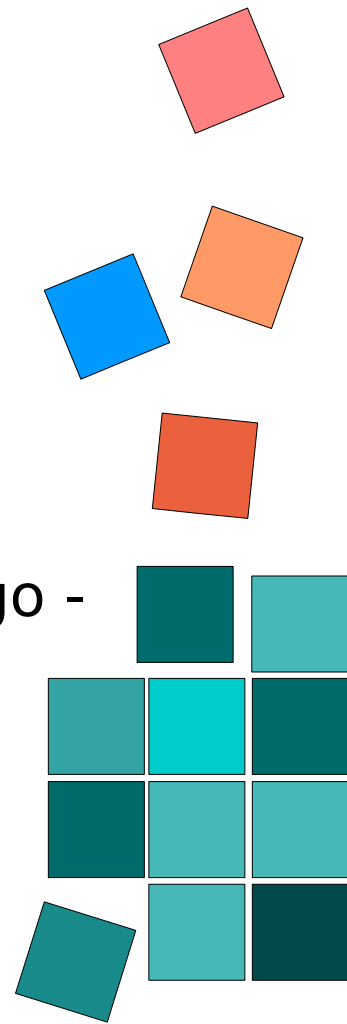


# Who Speaks for Open Source in the GIS Community?

Some motivations:

- promote the use of open source software
- bring open source developers together
- make open source packages work together
- provide a quality branding label

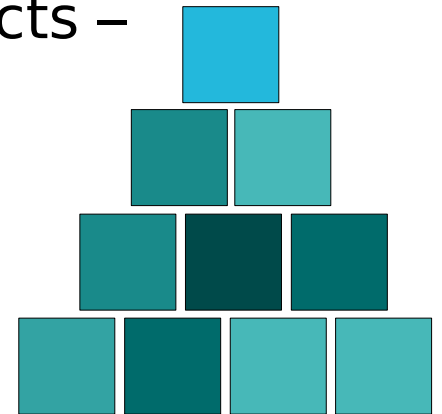
Early in 2006, 25 people met for a day in Chicago -  
***osgeo.org was registered.***



# Mission and Goals

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

- to provide resources for Foundation projects – infrastructure, funding, legal, ...
- to promote the use of OS software
- to encourage the implementation of open standards and interoperability
- to ensure quality OS software
- to promote freely available geo data
- to provide support for OS software in education via curriculum development, outreach, and support



# Organization Structure

## Board

- 9 members
- oversees the Foundation's various projects

## Charter Members

- founding 25, plus 20 elected from the community
- *rationale: preserve Foundation's mission, prevent "hijack"*

## Members & Participants

- *anyone* can join: +1500 to date (unaudited)
- *anyone* can contribute to a project

# Our Membership

## OSGeo is...

*Developers*

*Executives*

*Authors*

*Activists*

*Educators*

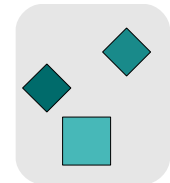
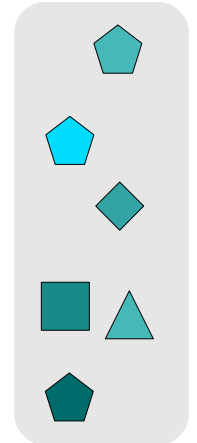
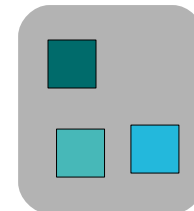
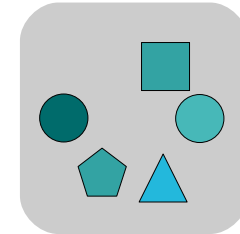
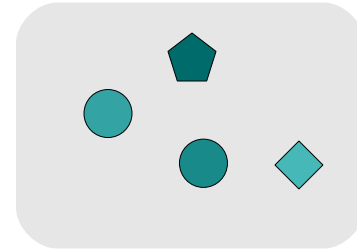
## Global reach...

*Americans, Brazilians,*

*Canadians (lots of Canadians),*

*Germans, Italians,*

*Japanese, ...*



# Funding Model

## Initial support from Autodesk

*financial, legal, logistical*

## 501(c)(3) not-for-profit US corporation

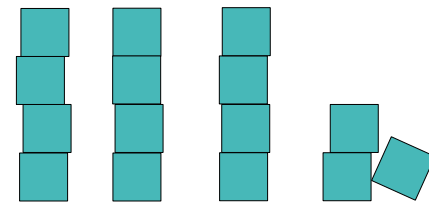
*tax-deductible contributions*

## Going forward:

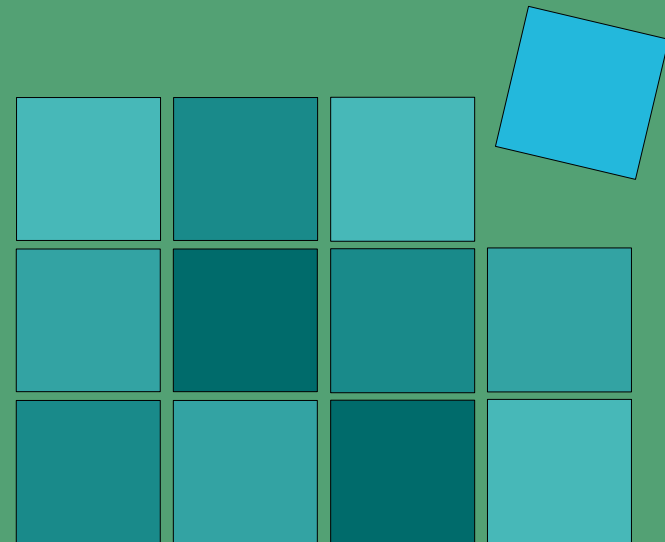
*corporate sponsorship*

*individual donations*

*foundation grants*



# A Sampling of OSGeo Projects and Activities



# OSGeo Projects

*A “project” is chartered by the Board for a specific purpose, with a steering committee and a set of members.*

## •Core projects

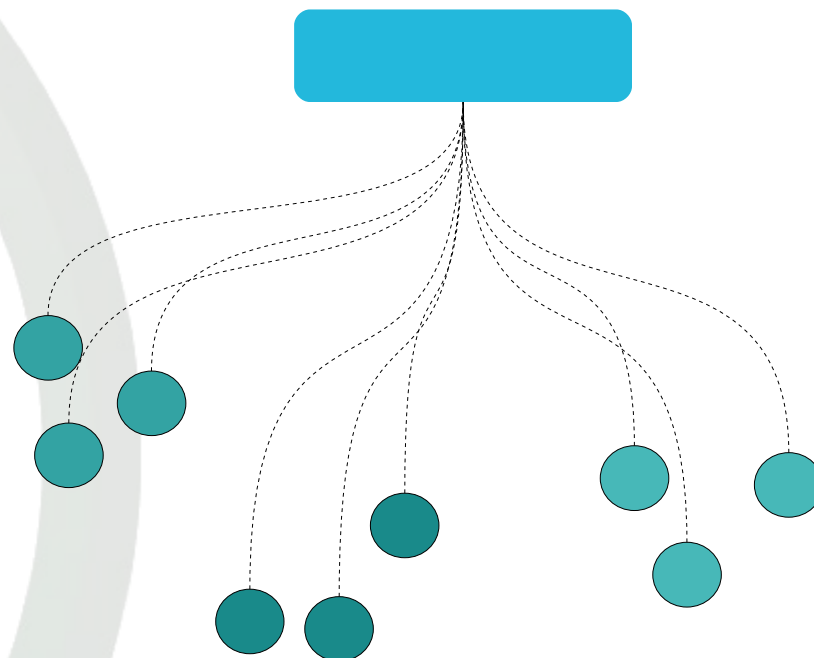
- development projects
- open data, education

## •Foundational projects

- Fund-raising, outreach, ...

## •Interest & User groups

- Brazil, Japan, ...
- Catalan, Portuguese, ...





# OSGeo Code Projects

## Tools and Libraries

- **GDAL/OGR**

- C++ library for image and feature data

- **GeoTools**

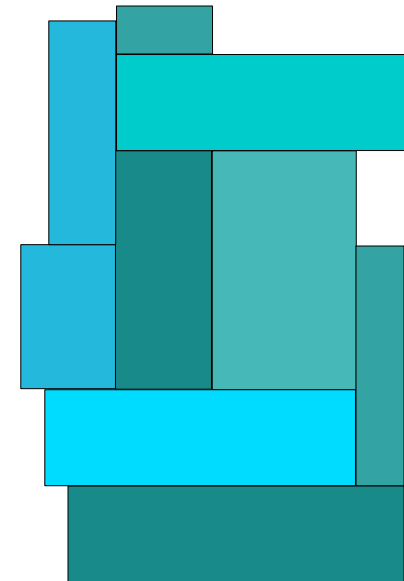
- Java GIS library

- **OSSIM**

- tools for advanced image processing and photogrammetry

- **GRASS**

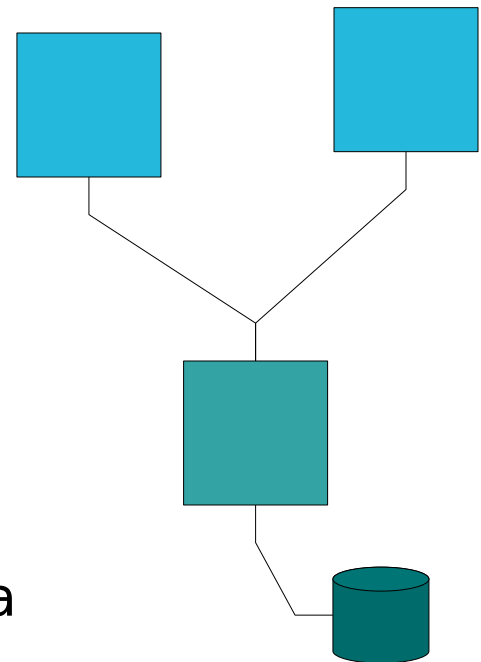
- GIS data management, analysis, visualization



# OSGeo Code Projects

## Clients and Servers

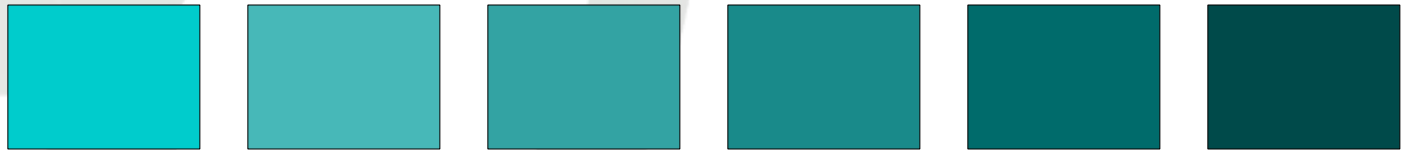
- **MapBuilder**
  - browser-based GIS client
- **Mapbender**
  - spatial data service framework
- **MapGuide Open Source**
  - Autodesk's web-based mapping product
- **MapServer**
  - the UMN server for rendering spatial data



# The Incubation Process

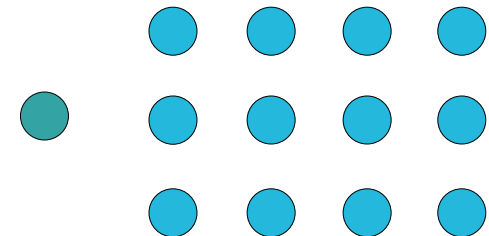
Each OSGeo project must go through an “incubation” process:

- mature, stable organizational structure?
- viable development community?
- source code provenance?
- framework for OSI-compliance?



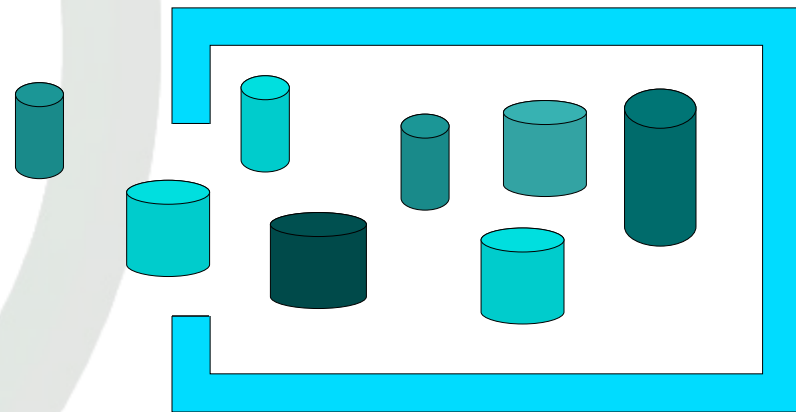
# Education and Curriculum

- **Educational Resources**
  - materials for educators
- **OSGeo in Research**
  - outreach to the research community
- **Core Curriculum Project**
  - development of OSGeo-based training materials



# Public Geospatial Data

- **Promote open geospatial formats**
- **Promote access to state-collected geodata**
- **Run a repository of open geodata**
- **Explain licenses for public geodata**



# Visibility and Promotion

- **Media relations**

- press releases for project announcements
- interviews, articles

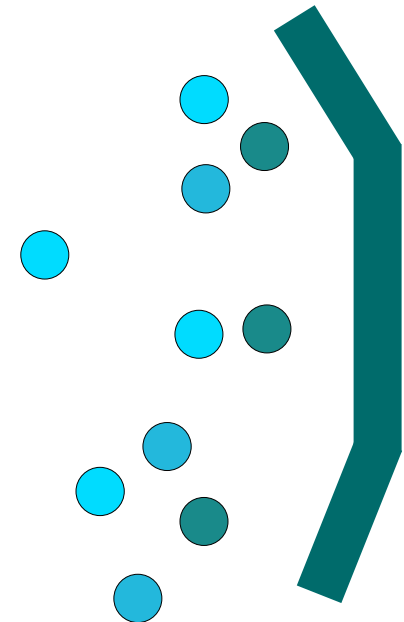
- **Marketing**

- white papers, case studies, ...
- speakers

- **Events**

- tradeshow, conferences, ...
- booths, speakers, workshops

- ***(and yes, T-shirts)***



# Join us!

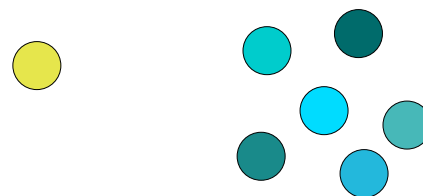
## ***We welcome your interest and participation***

- try our tools
- help us develop code
- promote open source and open data
- consider open source for your own projects

## **Find us at**

- [www.osgeo.org](http://www.osgeo.org)
- IRC channel #osgeo

*(chances are, someone you know is already a member)*



# Questions?



**OSGeo.org**  
The Open Source  
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