

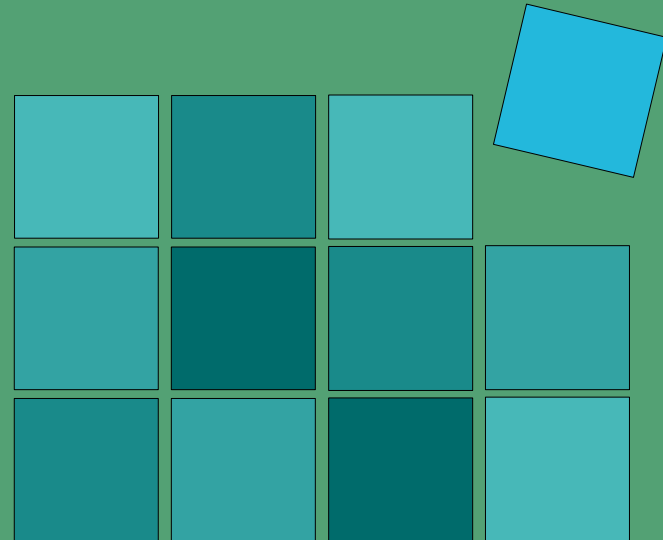
The Open Source Geospatial Foundation

Michael P. Gerlek,
OSGeo & LizardTech

GeoWeb 2006
Vancouver, BC
26 July 2006



OSGeo.org
The Open Source
Geospatial Foundation

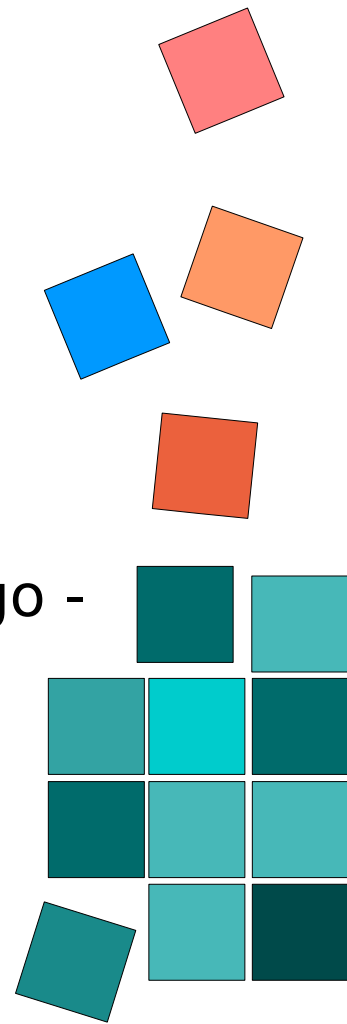


Who Speaks for Open Source in the GIS Community?

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

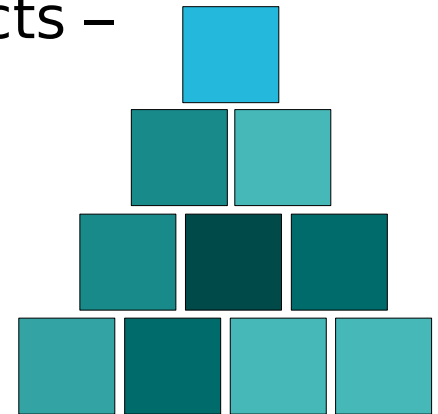
Early in 2006, 25 people met for a day in Chicago -
osgeo.org was registered.



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

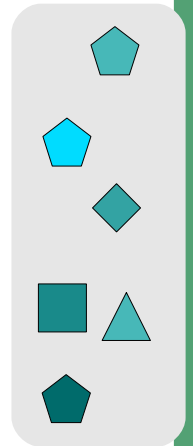
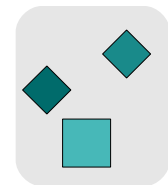
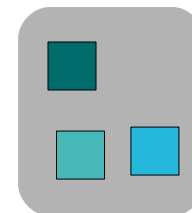
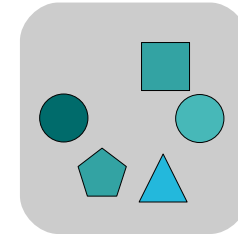
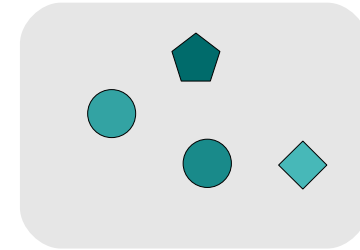
Global reach...

Americans, Brazilians,

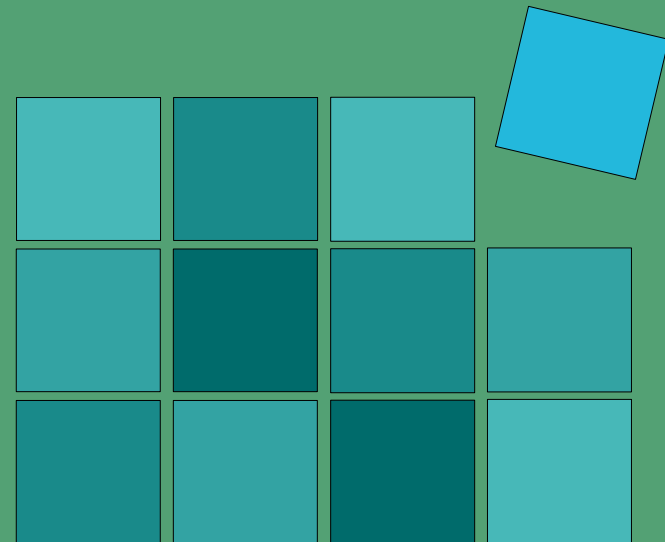
Canadians (lots of Canadians),

Germans, Italians,

Japanese, ...



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

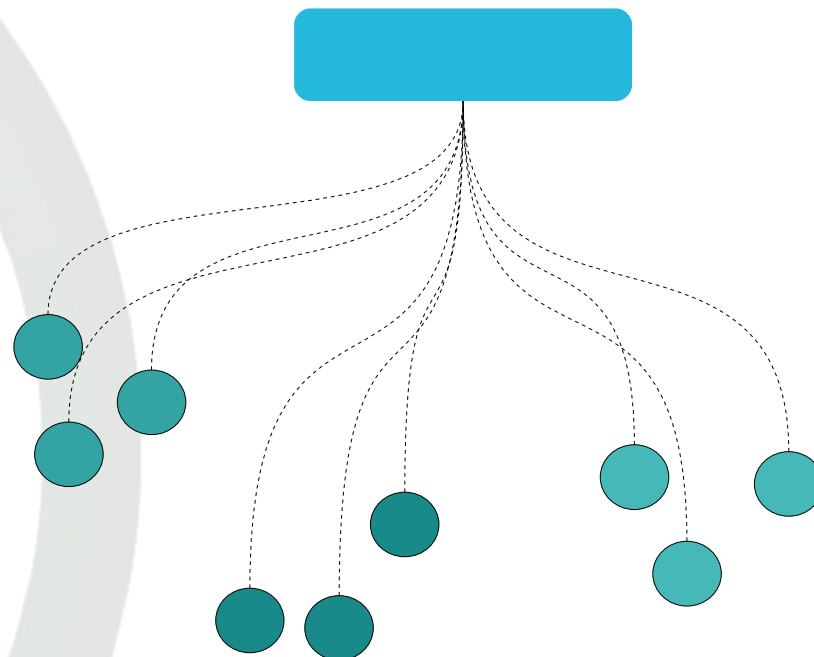
- development projects
- open data, education

•Foundational projects

- Fund-raising, Outreach, ...

•Interest & User groups

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



OSGeo Code Projects

Tools and Libraries

- **GDAL/OGR**

- C++ library for image and feature data

- **GeoTools**

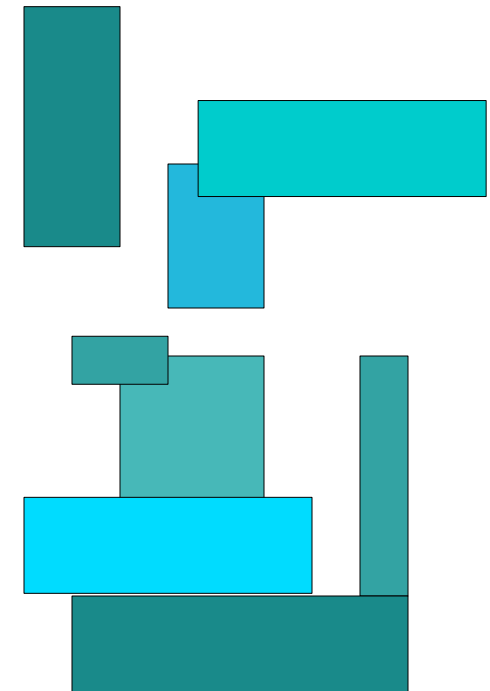
- Java GIS library

- **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**

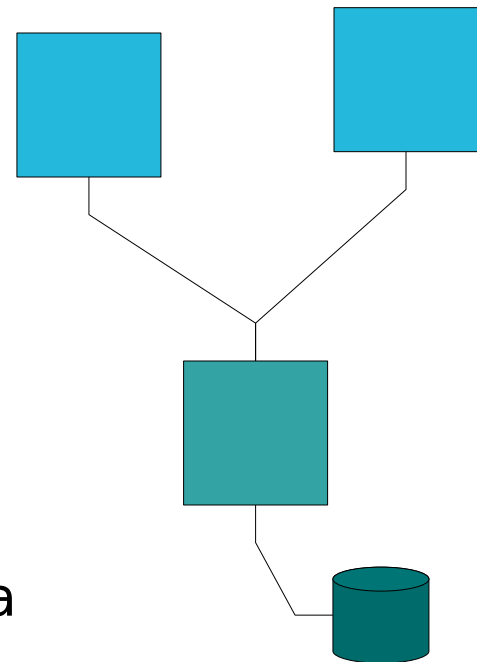
- spatial data service framework

- **MapGuide Open Source**

- Autodesk's web-based mapping product

- **MapServer**

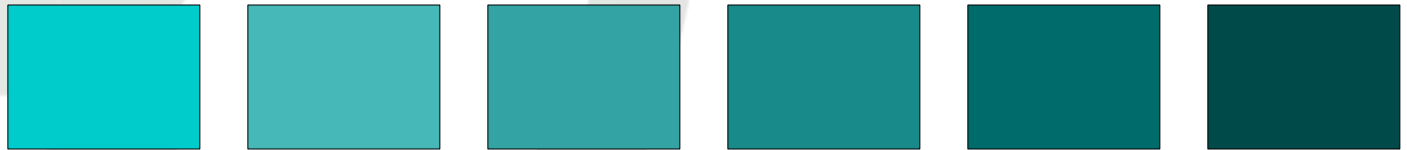
- the UMN server for rendering spatial data



The Incubation Process

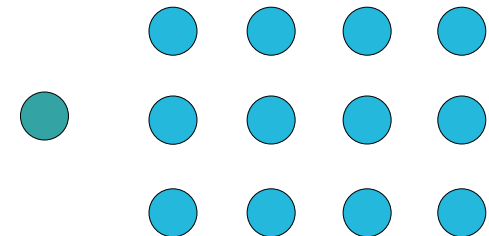
Each OSGeo project must go through an “incubation” process:

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



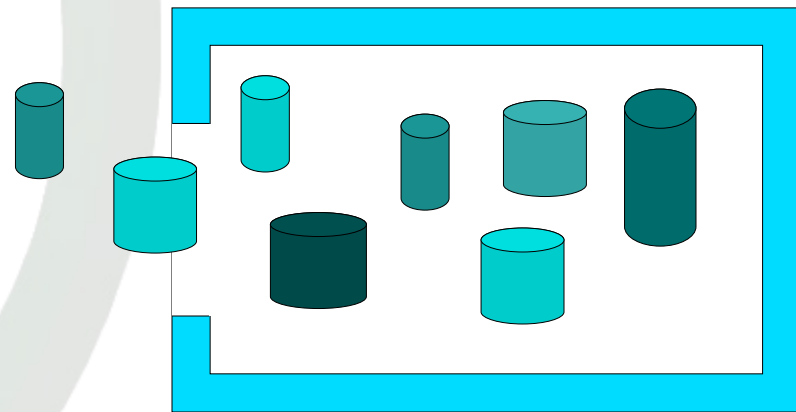
Education and Curriculum

- **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

- **Marketing**

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

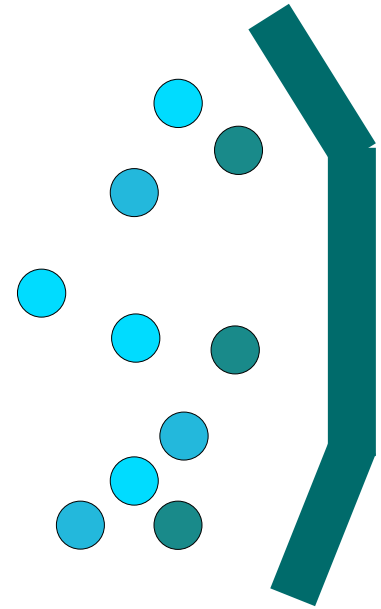
- **Events**

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

- **Media relations**

- press releases for project announcements
- interviews, articles

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



Join us!

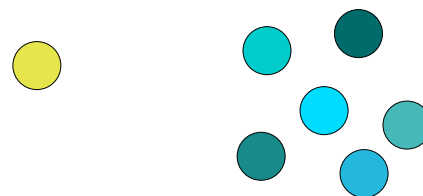
We welcome your interest and participation

- 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
- IRC channel #osgeo

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



Questions?



OSGeo.org
The Open Source
Geospatial Foundation

