

FOSS4G 2008

OSGeo^[1] – Open Source Geospatial

- Open Source Development
- Free Software Licensing
- FOSS Business Models
- FOSS Community Building
- The Open Source Geospatial Foundation (OSGeo)
- OSGeo Incubation

[1] ...in a nutshell. For full coverage please go to

<http://wiki.osgeo.org/wiki/Category:Advocacy>

<http://www.opensource.org> and

<http://www.sfs.org>

September, 30th 2008 – Cape Town, South Africa

Open Source Development

- Open Source is a development methodology that aims at making **all** processes transparent.
- One central paradigm is to "Publish Early and Release Often". This will help to "build"^[1] a community of high interaction.
- Development is coordinated through roles. Roles must be managed by a clear governance model.
- Good Open Source projects are highly organized and trunk commit access is restricted to well known developers.
- Public code repositories, bug and issue trackers, mailing lists ,etc. are essential to "grow"^[1] professional communities.

[1] communities cannot be "built", "managed" or "grown". They need to grow by themselves. Open Source project management can only facilitate and enable communities.

Free Software Licensing

- Free Software describes a legal licensing model for software
- Open Source code is one precondition to Free Software
- There are several types of Free and Open Source Software licenses, some more restrictive some more relaxed
- Most Free and Open Source Software licenses specify user's rights to:
 1. run any number of copies of the software
 2. pass on copies of the software including the license and copyright notice
 3. look into the code, understand it and modify it to suit one's needs
 4. pass on modified versions of the code

FOSS

For most practical purposes Free Software and Open Source can be used synonymously in the acronym FOSS.

Free and Open Source Software

There is a (probably unintended) symbolism in this term conveying that Free Software licenses surround and thus protect Open Source development from becoming proprietary.

The Open Source Geospatial Foundation

- OSGeo is a non-profit organizations dedicated at promoting and furthering Free and Open Source Software for Geospatial Technology and Users
- OSGeo provides for organizational, legal and financial support in a long term perspective
- OSGeo is global and transparently governed
- OSGeo is a Community of Communities:
 - Software Projects
 - Spatial Data Projects <http://wiki.osgeo.org>
 - Education and Research

OSSGeo Project Incubation

- Software Projects can apply for Incubation to become an OSGeo Project.
- The Incubation process is accompanied by an OSGeo officer who acts as mentor to provide guidance and oversight to the processes:
 - ✓ Thorough code provenance review
 - ✓ Transparent and open governance model, documents and practice
 - ✓ Functioning and open community model
 - ✓ Quality of development process and technology

Outreach and Communities

[category](#) [discussion](#) [view source](#) [history](#) [Log in / create account](#)

Category:Local Chapters

Local Chapters, user groups or language groups for OSGeo.

Articles in category "Local Chapters"

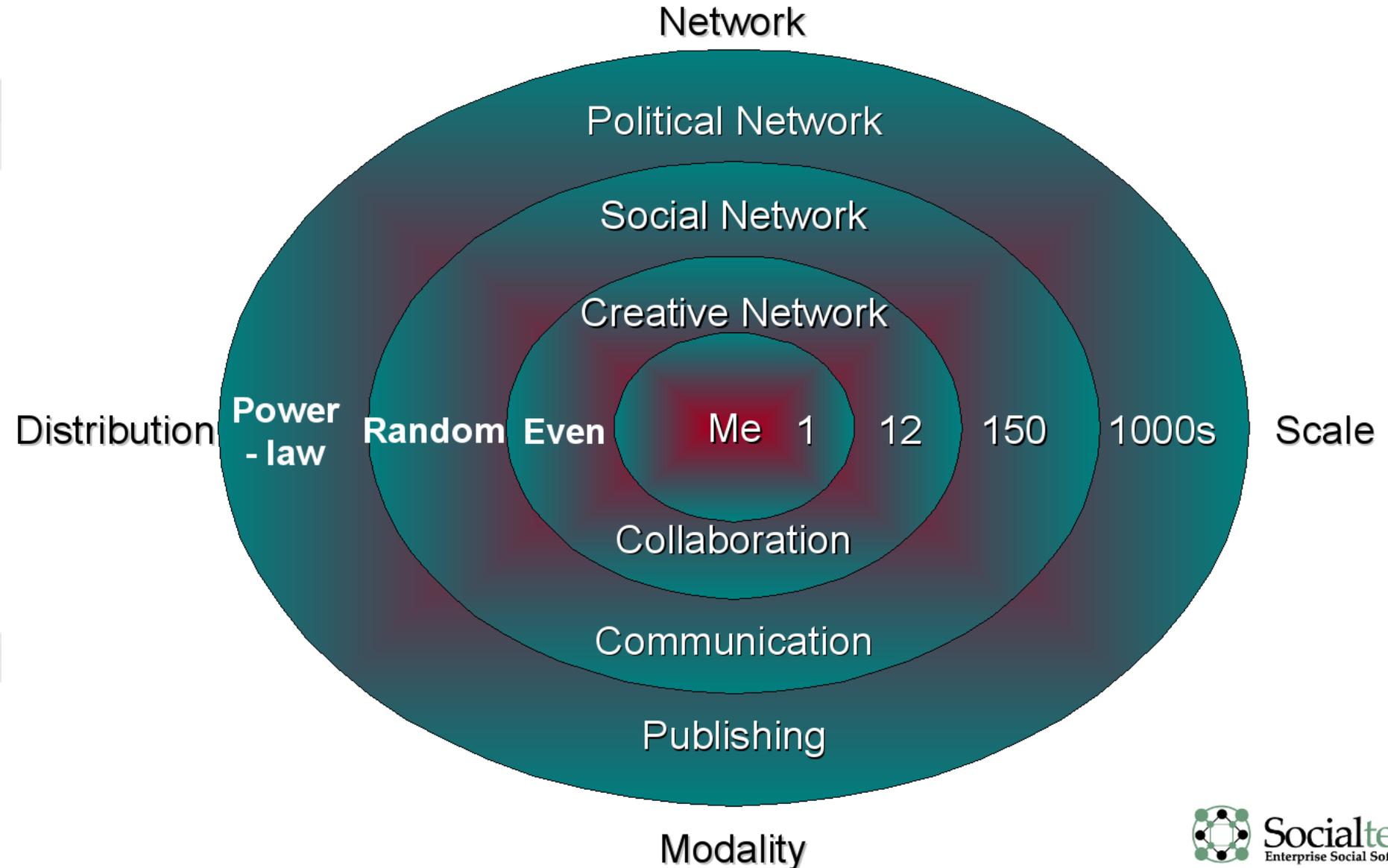
There are 33 articles in this category.

A <ul style="list-style-type: none">AfricaAustralia	F <ul style="list-style-type: none">Francophone	N cont. <ul style="list-style-type: none">New Mexico
B <ul style="list-style-type: none">BrasilBritish Columbia Chapter	G <ul style="list-style-type: none">Greek	O <ul style="list-style-type: none">Ottawa Chapter
C <ul style="list-style-type: none">CaliforniaCanadaCapítulo Local de la comunidad hispano-hablanteChinaCzech	I <ul style="list-style-type: none">IndiaIndonesiaIsraelItaliano	R <ul style="list-style-type: none">Romanian
D <ul style="list-style-type: none">Deutsch	J <ul style="list-style-type: none">JapanJournal Volume 2 Spanish Local Chapter	S <ul style="list-style-type: none">San Francisco Bay AreaSpain public OWS server listSudamerica
E <ul style="list-style-type: none">European Network	L <ul style="list-style-type: none">Local Chapter GuidelinesLocal Chapters	T <ul style="list-style-type: none">TaiwanThaiTwin Cities
	M <ul style="list-style-type: none">Meeting Girona	U <ul style="list-style-type: none">United Kingdom
	N <ul style="list-style-type: none">Nederlands	

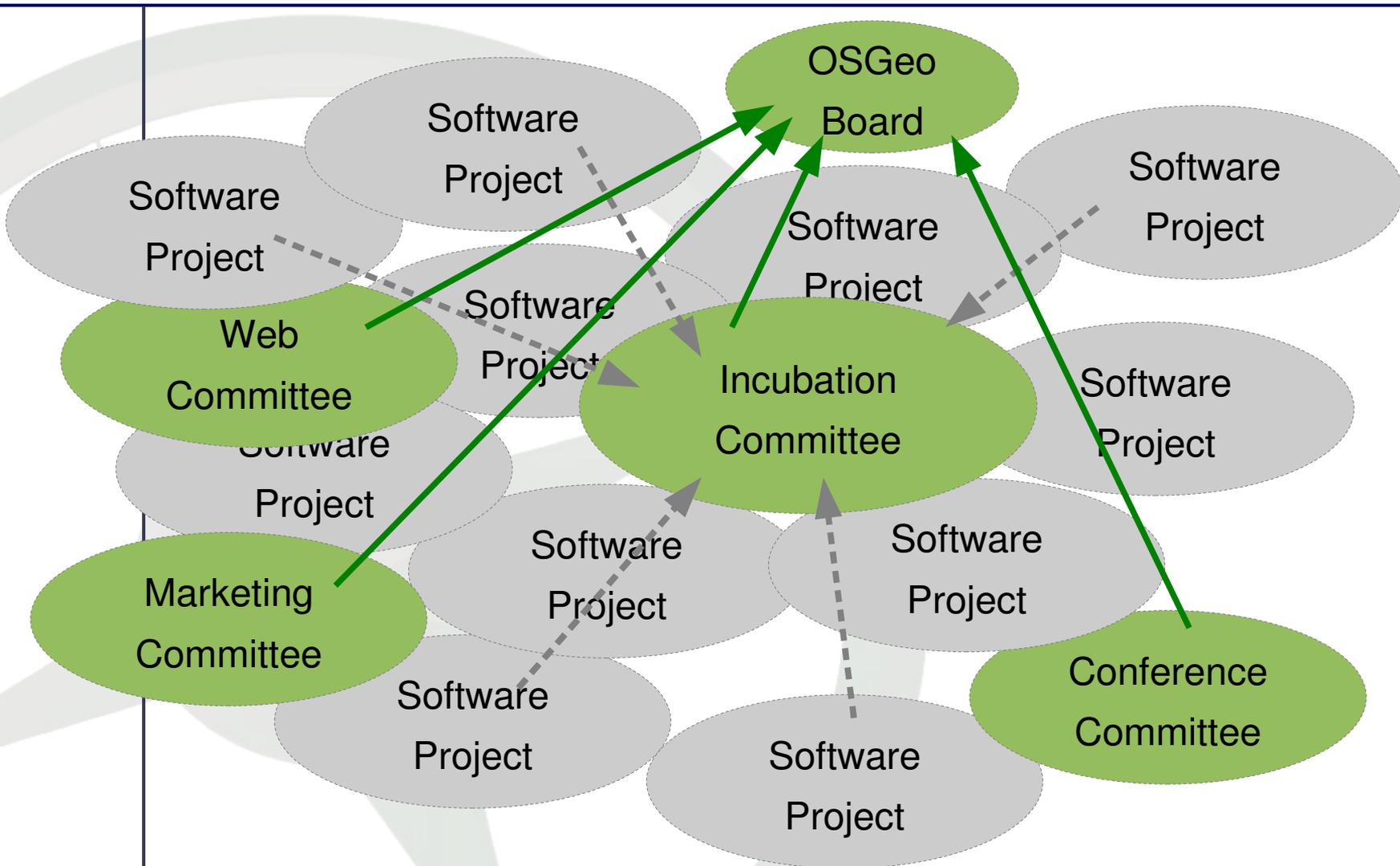
OSSGeo Membership and Governance

- Millions of end users and web developers
- Several million \$ investment core software
- Estimated 1000...(?) + active GIS professionals
- Estimated 1000+ active OSGeo members
- 196 Registered developers (counting only OSGeo Services)
- 73 Charter Members
- 14 Software Projects
- 9 Directors
- 1 President (Frank Warmerdam)

Ecosystem of Networks



Community of Communities



Community of Communities

Visit: <http://www.osgeo.org>

Collaborate: <http://wiki.osgeo.org>

Discuss: <http://lists.osgeo.org/mailman/listinfo>

Develop: <http://svn.osgeo.org/>

Track Issues: <http://trac.osgeo.org/>

Demo: <http://www.telscience.org/>

<http://wiki.osgeo.org/wiki/VisibilityStats>

Questions

Arnulf Christl
(Director OSGeo)

sponsored by:
WhereGroup GmbH & Co. KG
<http://www.wherogroup.com>



Author: arnulf@osgeo.org

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