

GeoNode Roadmapping Summit

Opening Remarks

May 19, 2011

GeoNode Roadmapping Summit

- GeoNode History
- What's Changing?
- Why this Summit?

GeoNode History

June 2009

World Bank and OpenGeo
begin development on

CAPRA Data Clearing House

*GeoServer and GeoExt only,
No Django,
Map Composition
Proof of Concept*

September 2009

World Bank and OpenGeo
begin development on

GeoNode

*Django and GeoNetwork
Styling
Users and Permissions*

January 2010

community launches

geonode.org

Building awareness and community

August 2010

we release

GeoNode 1.0-beta

*Spreading the word,
user testing*

October 2010

we release

GeoNode 1.0-RC1

“RC” == “Release Candidate”
Many bug fixes

October 2010

AIFDR, GEM, GFDRR Labs, OpenGeo

Jakarta Workshop

*To assess common goal of
Risk-in-a-Box
(now Risiko)
built on GeoNode*

October 2010

we release

GeoNode 1.0-RC2

A few more bug fixes

November 2010

we release

GeoNode 1.0-RC3

*A few more bug fixes
Documentation goes live*

November 2010

we release

GeoNode 1.0-RC4

A few more bug fixes

More documentation

December 2010

we release

GeoNode 1.0

“Release early, release often.”

- Eric S. Raymond, Open Source Guru

December 2010

Begin development on

GeoNode 1.0.x

*for stability, performance, bug fixes and minor UI
changes*

December 2010

Begin development on

GeoNode 1.x

for major new features

February 2011

Harvard CGA is developing

WorldMap Alpha

based on GeoNode

March 2011

AIFDR and GFDRR Labs
begins developing

Risiko

extending GeoNode

March 2011

Harvard CGA and OpenGeo
contribute to

GeoNode 1.x

GeoWebCache integration

May 2011

GEM is developing

Faulted Earth

based on GeoNode

May 2011

we will release

GeoNode 1.0.1

Stability

Performance

Bug fixes

Minor UI changes

Testing

May 2011

we will release

GeoNode 1.0.1

GeoWebCache

PostGIS

much more

Thank you,
all who contributed to these
critical new release

May 2010

Community comes together for first

GeoNode Roadmapping Summit

*To assess common goals for
GeoNode*

May 2010

GeoNode Roadmapping Summit

GFDRR Labs (World Bank)

OpenGeo

AIFDR

Harvard CGA

GEM

May 2010

GeoNode Roadmapping Summit

GFDRR Labs (World Bank)

OpenGeo

AIFDR

Harvard CGA

GEM

SOPAC, NASA SERVIR, Mapstory

What's Changing?

GeoNode
is getting better all the time

Faster
More stable
Fewer bugs
More features
More extensible

GeoNode
is attracting more users

Active users' list and IRC channel

GeoNode
is attracting more developers
Development is decentralizing

More projects depend on
GeoNode

Risiko
WorldMap
Faulted Earth

...

Each puts new demands on architecture

GeoNode
is attracting more organizations

...SOPAC, NASA SERVIR, Mapstory

Each expands the roadmap

Changes at OpenGeo

*GeoNode is becoming
more central
to OpenGeo*

Changes at OpenGeo

*GeoNode is becoming
less centralized
within OpenGeo*

Changes at OpenGeo

No one person knows whole roadmap

Development is decentralizing

Architecture is evolving

Roadmap is expanding

Community is growing

All these mean new challenges

Why this Summit?

To address these challenges

First Challenge

How do we continue steady growth when development is decentralized?

SOLVED

First Challenge

How do we combine steady growth when development is decentralized?

That's what
open source communities
are for

However

“open source community”

means a lot more than

*“people working on software
with an open source license”*

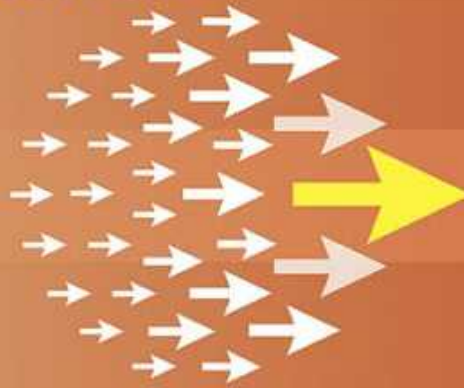
There are

best practices and norms

around open source development
that makes it work

producing open source software

Karl Fogel



HOW TO RUN A SUCCESSFUL **FREE SOFTWARE** PROJECT

O'REILLY®

Until now,
we haven't
been following them well

Why?

We've been in a hurry

Why?

*Development used to
be centralized*

It worked.

We built GeoNode *fast*

But it didn't work

*Lack of code quality policy
led to (e.g.) poor test coverage*

But it didn't work

*Informal process
led to poor communication
and organization*

So...

GeoNode's
Project Steering Committee
(PSC)

is making some changes

GeoNode's
Project Steering Committee
(PSC)

is the group that governs
the developer community

GeoNode's
Project Steering Committee
(PSC)

will grow to reflect
participation

GeoNode's
Project Steering Committee
(PSC)

David Winslow (Chair)
Ariel Nuñez, Sebastian Benthall

David Winslow

will present some of these changes today

Second Challenge

How does the architecture need to change to support innovation?

This is a highly technical issue

The developers are discussing
this on GeoNode mailing lists

As improvements get proposed,
the PSC will vote for their adoption

Problem

How will these improvements get funded?

*Architectural improvements
must get onto funded roadmap*

Third Challenge

How do we keep the project's
identity coherent
and
it's *development focused*
despite an ever-expanding roadmap?

The PSC will keep the project's
identity coherent
by controlling improvements

Any functionality beyond GeoNode's
scope will be implementable as
plug-ins or add-ons

Architecture changes will reflect this need

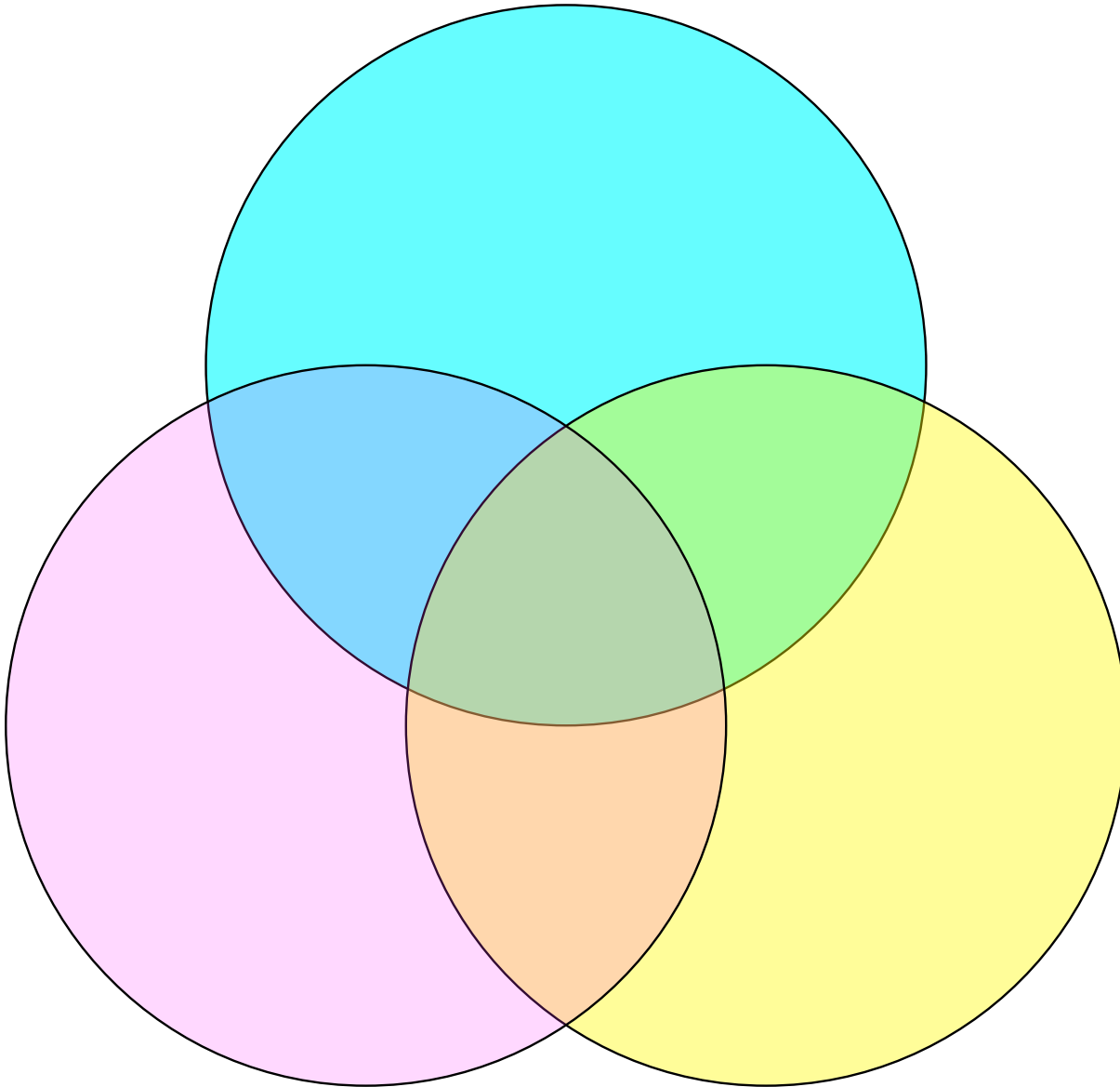
Sponsoring organizations will need to keep it's

development focused

by making contributions that
reflect common goals

Problem

What are our common goals?



So...

We have

collected

individual organization's roadmaps

So...

We have

standardized

individual organization's roadmaps

So...

We have

created

a common roadmap

So...

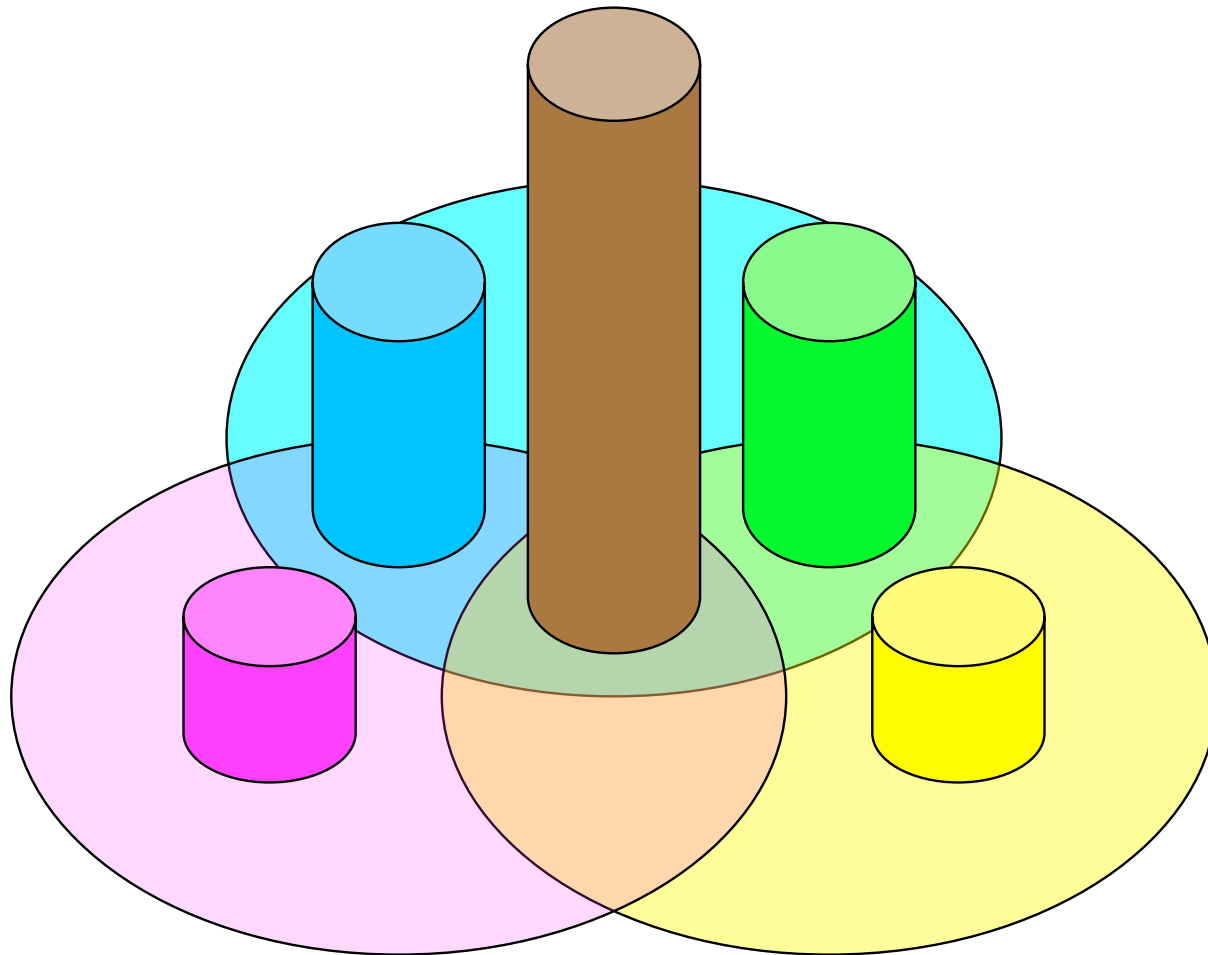
Tomorrow we will

prioritize

those roadmap items

The prioritization exercise
won't be binding on anybody,
but...

Which do we build first?



For this to happen,
we need to

collaborate

because resources are limited

Final Challenge

How can our
growing community
coordinate around development?

First, we need to meet each other

Today, time for
introductions and sharing visions
and
breakout groups

This evening,
happy hour

Tomorrow,
group exercise

Problem

What happens next?

It is up to you.

We will discuss it tomorrow afternoon.

Agenda

Thursday, May 19

- 9:00 - Welcome + Introductions
- 9:30 - Kickoff
- 10:00 - Roadmapping Workshop, part 1: Visioning
- 12:30 - Lunch
- 1:30 - 3:30 - Roadmapping Workshop, continued. Breakout groups.

Friday, May 20

- 9:00 - Opening Remarks
- 9:30 - Roadmapping Workshop, part 2: Synthesis
- 12:30 - Lunch
- 1:30 - 2:30 - Roadmapping Workshop wrap-up
- 2:30 - Organizational Collaboration

Questions?