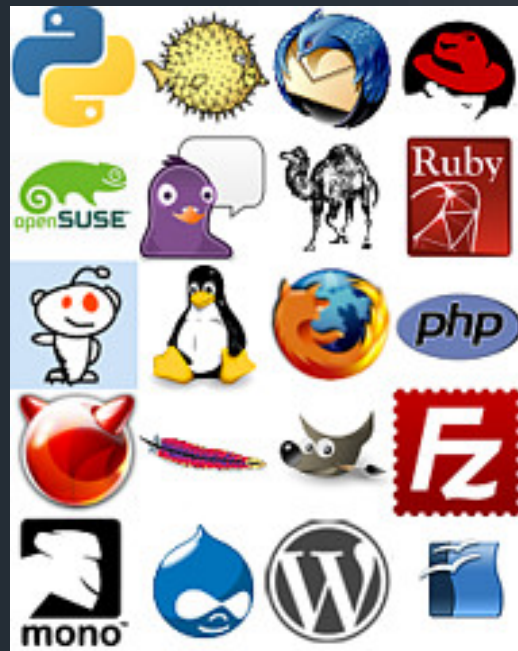# DURASPACE™

Building and sustaining OS communities

or

What do you do when grant funding runs out?

Michele Kiimpton, CEO DuraSpace

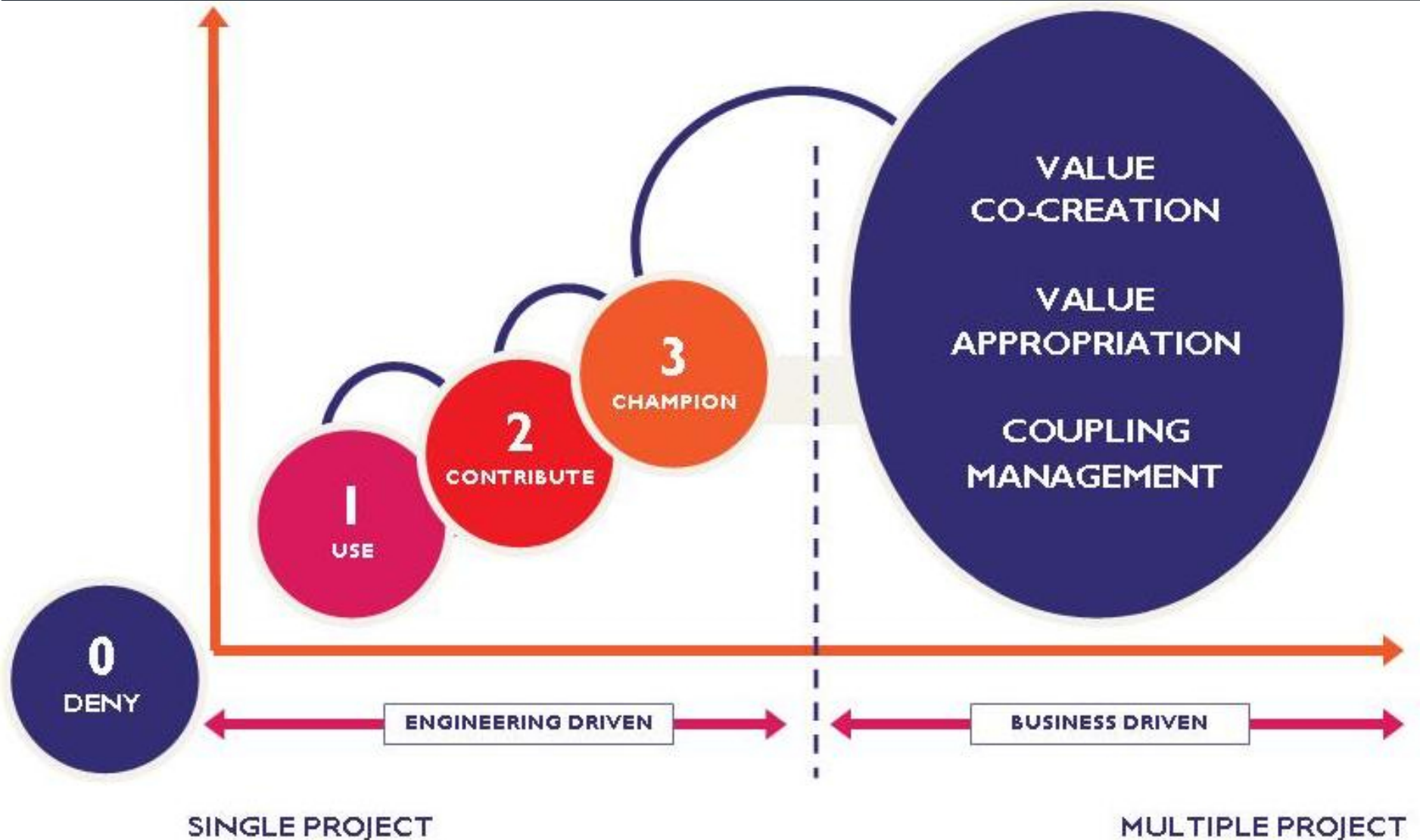NDSA meeting, July 2011

Open Source Projects

38 listed projects funded by NDIPP, Many more funded by Sloan, Mellon, and others

Over 300,000 projects on Sourceforge

Open Source Maturity Model

VALUE
CO-CREATION

VALUE
APPROPRIATION

COUPLING
MANAGEMENT

3 CHAMPION

2 CONTRIBUTE

I USE

0 DENY

ENGINEERING DRIVEN

BUSINESS DRIVEN

SINGLE PROJECT

MULTIPLE PROJECT

Goals

Have a robust committer group

Open and transparent communications
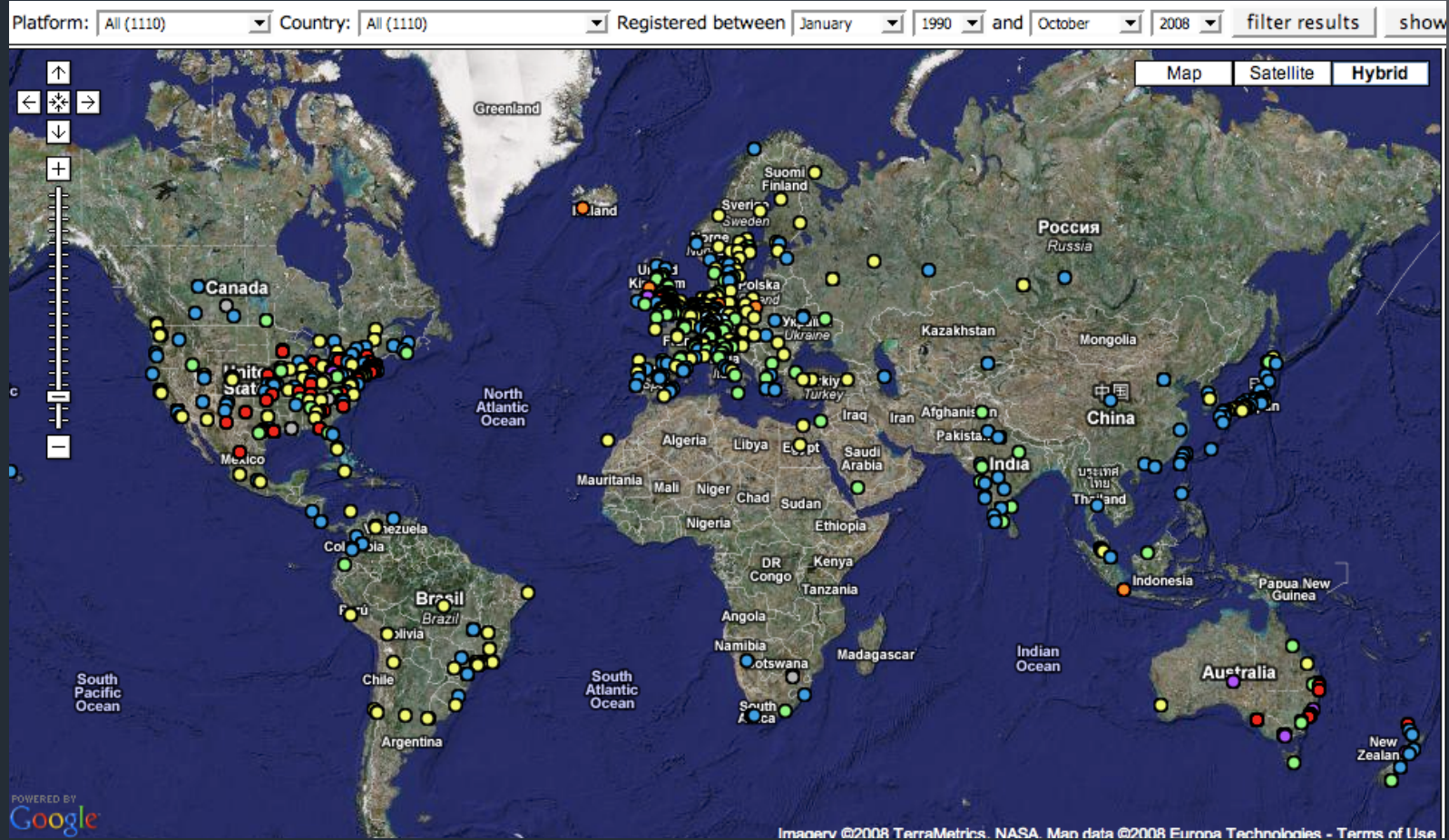
Not dependent on a single individual

Healthy Committer group

- **Andrea Bollini**
- Ben Bosman
- Peter Dietz **(1.7.x RC)**
- **Mark Diggory**
- **Tim Donohue**
- Sands Fish **(Oct 2010)**
- Keith Gilbertson
- **Richard Jones**
- **Claudia Jürgen**
- **Stuart Lewis**
- **Brad McLean**

- **Gabriela Mircea**
- **Scott Phillips**
- **Richard Rodgers**
- Kim Shepherd
- **Robert Tansley**
- Robin Taylor **(1.8.0 RC)**
- **Graham Triggs**
- Jeff Trimble **(Docs Guru)**
- Mark Wood
- Aaron Zeckoski

Key: 5+ Years, 3-5 Years (as of June 2011)

Large community of users
1000+ Dspace Instances, 200+ Fedora Instances

Collaborators

Users

Partners

Funders

Service Providers

Librarians Scholars Scientists Curators Archivists Technologists

The project has community champions

Solution Communities

What are some of the challenges we all face?

- Bottom up organizing
- Community driven
- Based on use cases

DSpace Community Advisory Team

- Provide community more opportunity for direct input on new features

- Provide support to the committer group

Ambassadors

Identify volunteer in every country to promote software, serve as a contact for potential/new users and build network

The community "owns" the project

- Manages releases
- Makes code contributions
- Creates documentation
- Does the testing
- Fixes bugs
- Responds on the list serv

What does DuraSpace do?

- Coordination and oversight
- Infrastructure
- Community program management
- Strategic alignment with other projects
- Brings in funding to provide support and resources to the projects
- Acquire, support and develop new OS technologies to achieve the mission

Benefits of 501(c)3

- Can raise your own funding, no overhead
- Independent organization
- Can be nimble
- Expand beyond the project
- Own the collective copyright and manage the license

DURASPACE™

Challenges of 501c3

It is a business and someone must run it!

Other models

- Apache
- Consortium (hydra, IIPC)
- Member organization (Sakai)
- Commercial adoption (sleepy cat)
- Non commercial adoption (OLE)
- University sponsored
- Kickstarter for open source?
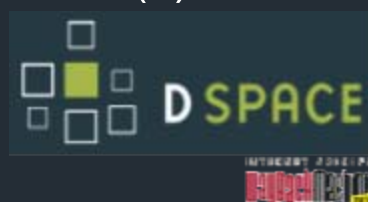
History DSpace and Fedora projects