



oscon.com

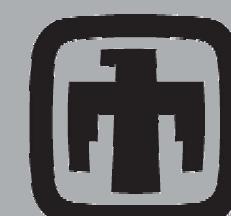


Government Open Source

Collaboration Models

Brian Wylie
Sandia National Laboratories

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Sandia
National
Laboratories

Government Open Source Resources



- GOSCON Government Open Source Conference (goscon.org)
- Open Source Center: Foreign open source intelligence data (opensource.gov)
- Open Source Software Institute: Non-profit corp/govt/acad (oss-institute.org)
- Government Open Source Software Resource Centre (gossrc.org)
- Center for Strategic and International Studies (tracks open source legislation csis.org)



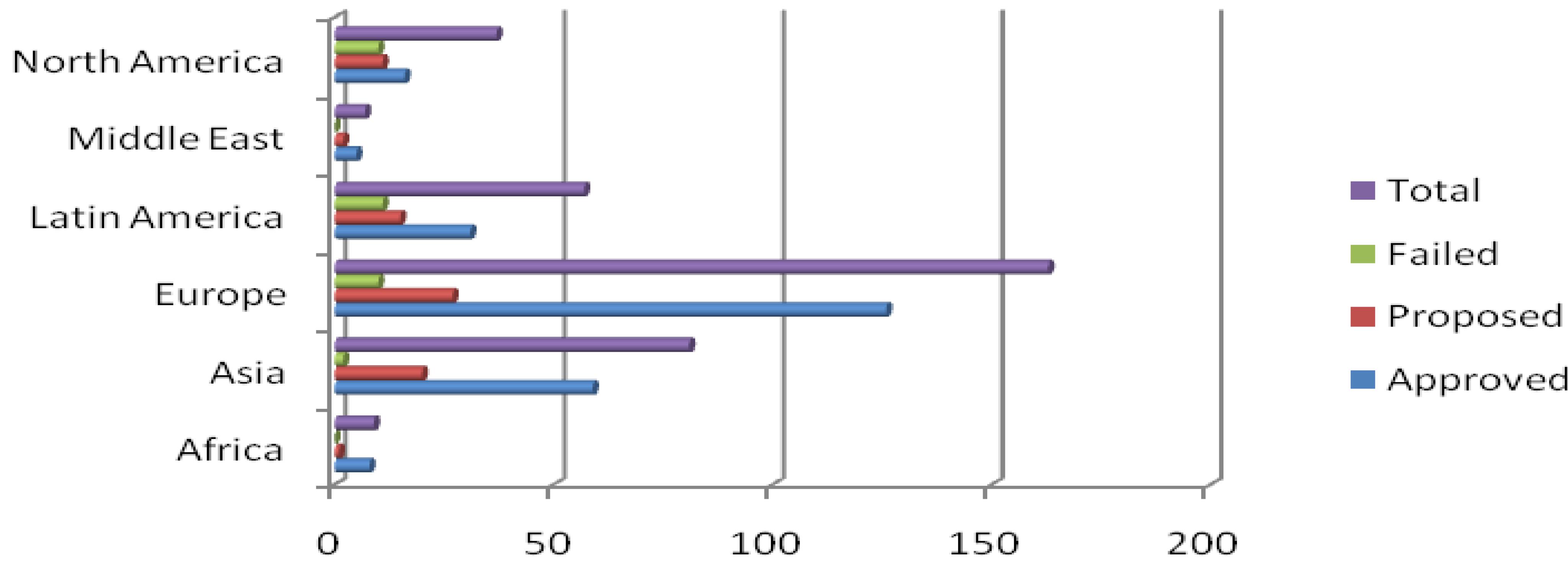
CENTER FOR STRATEGIC &
INTERNATIONAL STUDIES

Open Source Software Institute
The Voice of Federal Open Source

Government Open Source

Around the World

Total Policies by Region

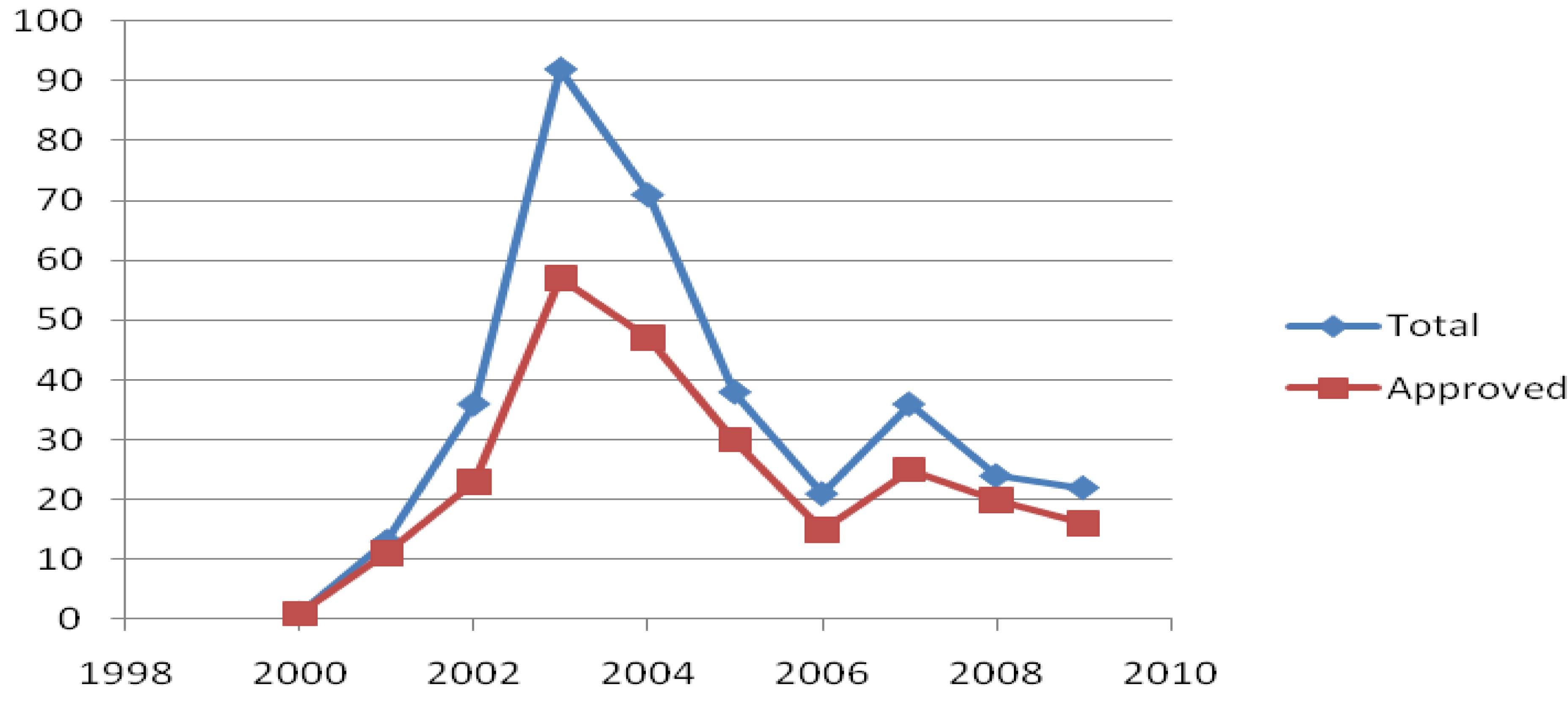


Data Courtesy of the Center for Strategic and International Studies

Government Open Source

Around the World

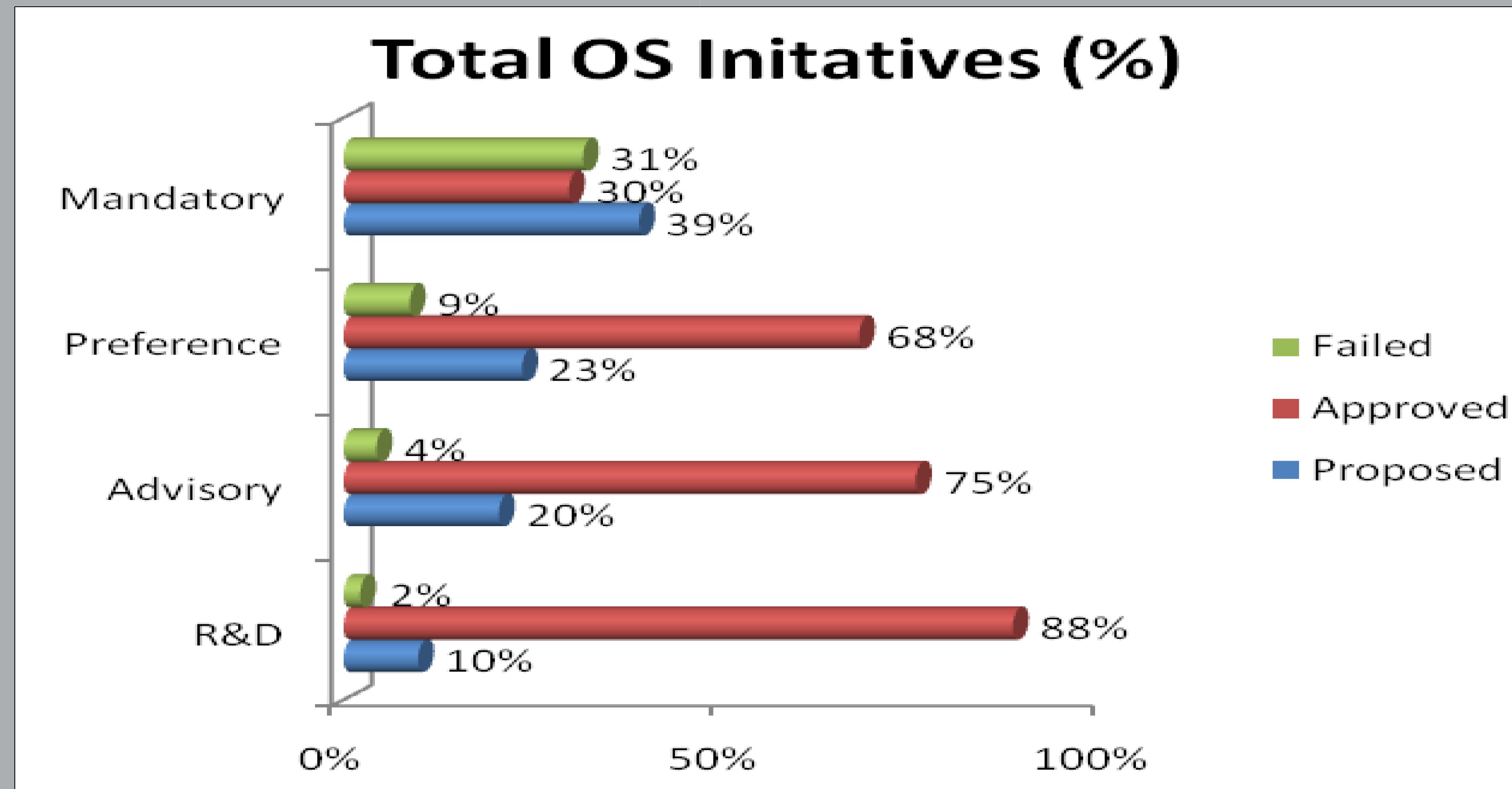
Number of Initiatives Over Time



Data Courtesy of the Center for Strategic and International Studies

Government Open Source

Around the World



Data Courtesy of the Center for Strategic and International Studies

Government Open Source

Collaboration Model Benefits

Government

Commercial

Academic

No specific vendor “lock-in/out”
Allows a diversified development team
Known code base (strengths and weaknesses)
Typically easier to integration with other OS tools
Improvement of the OS project

Money
Leveraging project for other/future work
Improvement of the OS project

Student/Professor support
Publishing/Sharing
Improvement of the OS project

Government Open Source

Collaboration Model Issues

Government

Commercial

Academic

Need to relax into existing OS license
New projects should pick a liberal OS license
Funding source may hesitate on Open Source
Proprietary projects / Intellectual Property

Government bureaucracy
Mixed software skill set
Deliverables can get distorted

Work may not be publication material
If you do publish, probably a joint publication

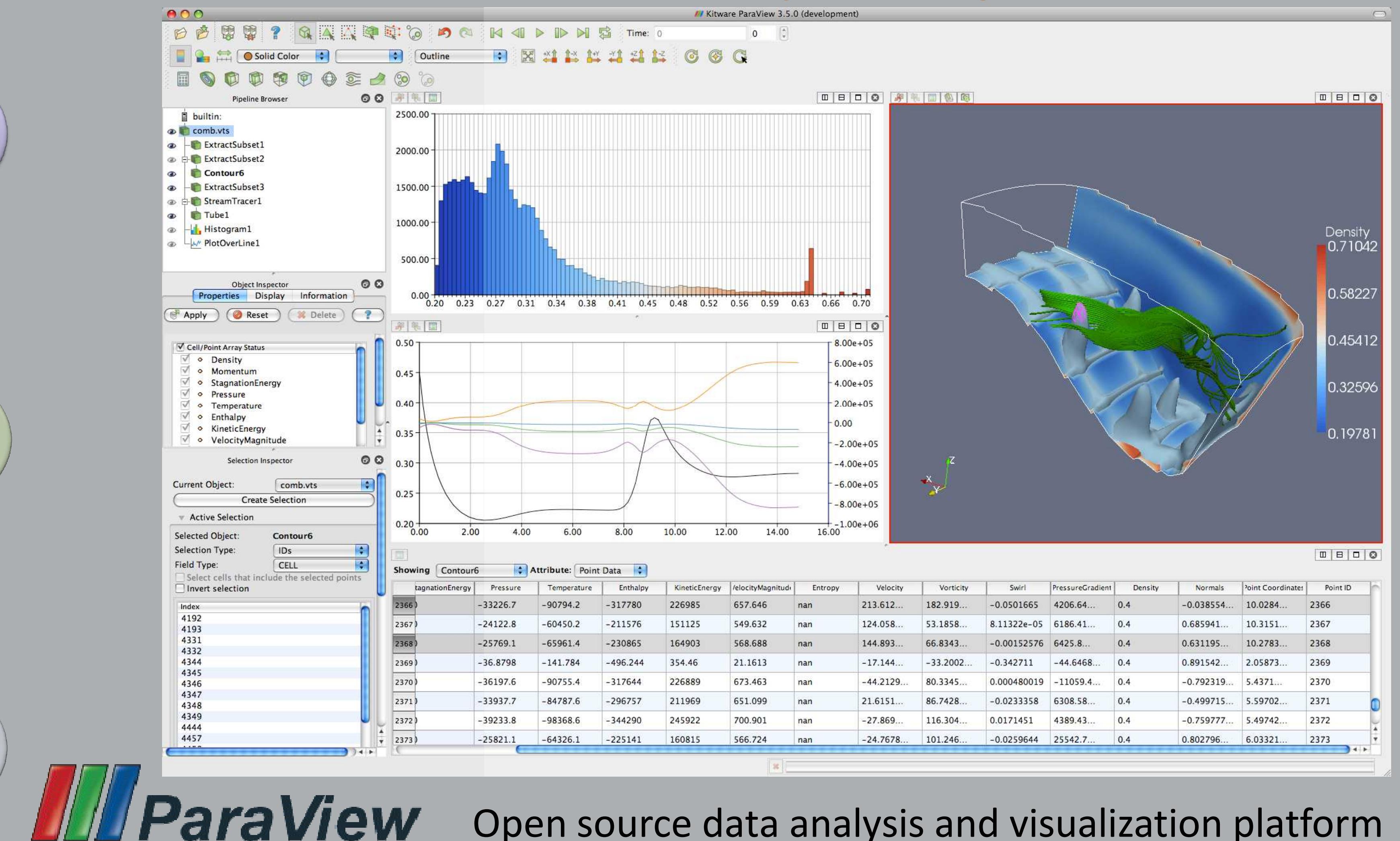
Government Open Source

Example Projects

Sandia
Los Alamos

Kitware

University of
Utah



 **ParaView**

Open source data analysis and visualization platform

Government Open Source

Example Projects

Sandia
Los Alamos

Kitware

Indiana
University
Stanford



Sandia National Laboratories

P3 Mockup - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost:8080/P3Mockup/

Most Visited Getting Started Latest Headlines

P3 Mockup Diamond Force

Network Grand Challenge: Web Crawl 3/10/2010 - 12:53

Community 6

Community 10

Community 5

Community 3

Community 4

Community 9

Community 8

Community 11

Community 12

Community 13

Community 1

Community 2

Community 7

Community 14

User Defined Topics

Volume Over Time

Entropy Over Time

Sports dangers

Entertainment

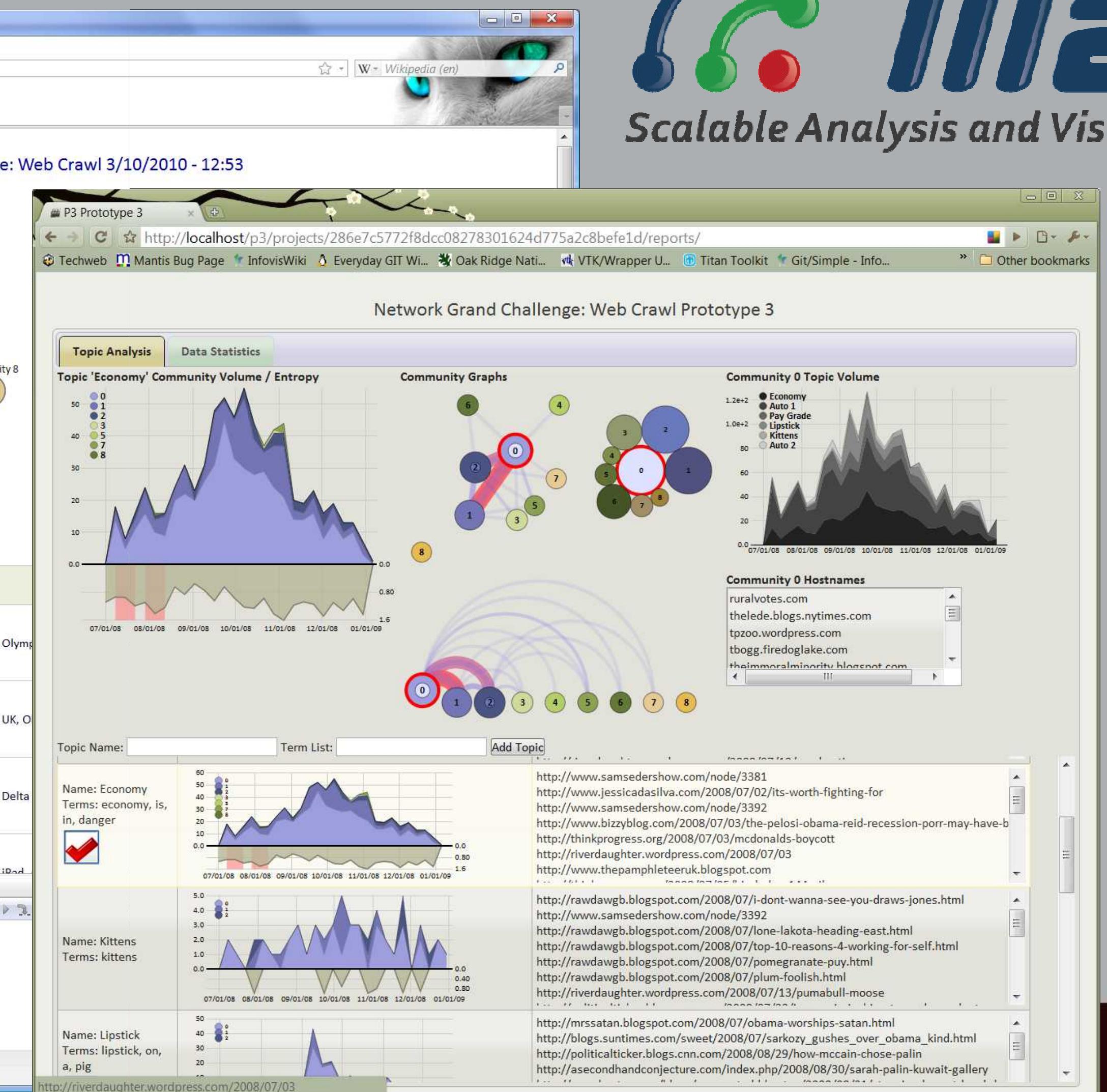
Odd

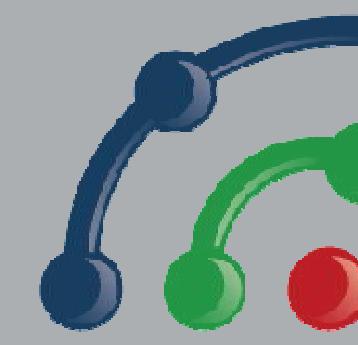
Console HTML CSS Script DOM Net

all > http.js >

```
1 var HTTP = {}  
2  
3 HTTP._factories = [  
4   function() { return new XMLHttpRequest(); },  
5   function() { return new ActiveXObject("Microsoft.XMLHTTP"); },  
6   function() { return new ActiveXObject("MSXML2.XMLHTTP.3.0"); },  
7   function() { return new ActiveXObject("MSXML2.XMLHTTP"); }  
8 ];  
9  
10 HTTP._factory = null;  
11  
12 XMLHttpRequest = function()
```

Done



 **titan**TM
Scalable Analysis and Visualization

Government Open Source

Questions Section



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open source convention