

The Summer of Code
Chris DiBona
Monday, May 01, 2006
UC Irvine

What were the goals of the Summer of Code

Flip bits, not burgers.

Create new open source developers.

Create more open source code.

Inject fresh blood into established projects.

Introduce promising CS students to the open source development process.



The Prize

Financial

- \$500 for a successful application.
- \$4000 for meeting the goals of the application
- \$500 to the mentoring org per student.
- ~\$2m USD Outlay from Google

And:

- T-shirt (Mentor and Students)
- Certificate.



Programs: Summer of Code

8744 Applications received

419 Accepted.

40 Open Source mentoring orgs.

Great Students, Great Projects, Great Open Source



The Summer of Code Community

from 49 countries...

Anyone from Spain?

Anyone from the Netherlands?

Anyone from Japan

Anyone from Finland

Anyone from Poland

“...I am trying to get all the indians together so that we can share our views and problems... Please do co-operate... Join the SOC-Indians group and let ppl know about your progress...”



Summer of Code, Some Projects

Gene Homology Database

CIL Backend for GCC (mono)

USB Driver for TI-84 Calculator

Music Streaming and Rendevous plugin for GAIM

- Sean works at Google now!

Webdav API for Drupal (cms)

Various multitudes of projects.



Code Locations

Surveyed 101 students of 410 participating

- 58% using project-specific repositories
- 24% respondents are using SourceForge
- 3% using scattered non-specific foundaries
- 3% using NovellForge
- 12% using Localhost



Licensing Distribution

41% using GPL

18% using BSD

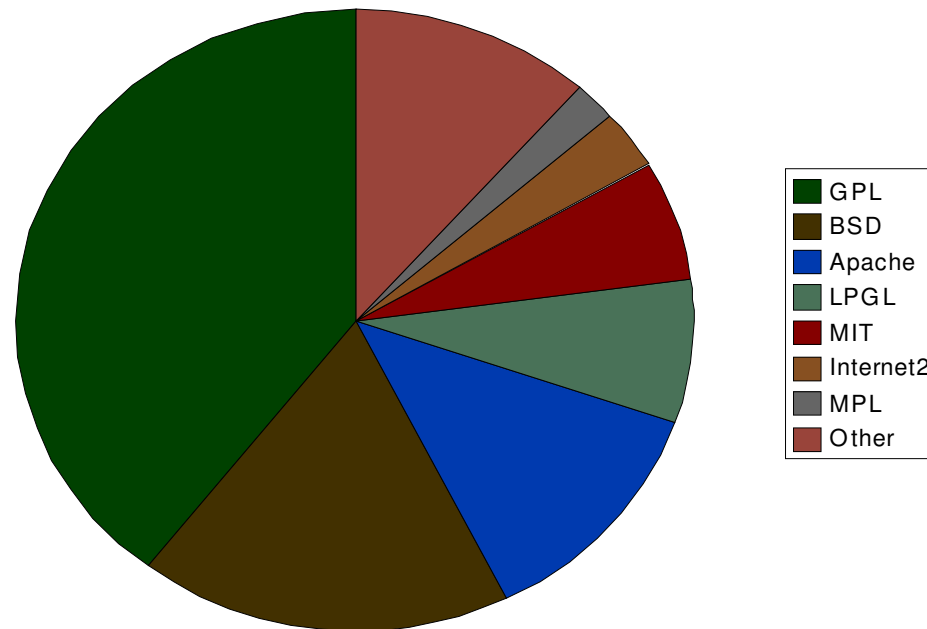
12% using Apache

7% using LGPL

6% using MIT

3% using Internet2

2% using MPL



A Summer of Coding Communication

Communication channels

- 23% students use wikis for their projects
- 49% students use blogs
- 35% use IRC
- 37% use email
- At least 3 have met their mentors in person
- Very few have met Googlers in person



2005 Challenges

Taxes were tricky.

Middle payments

Mentor issues.

Life!

Hurt feelings?

Public misconceptions.



Results

Measuring Success:

- 84% raw success rate.
- Hiring: ~1/3 are superstar developers
- Continuity: About 45% are continuing to develop in their projects.
- Open Source PR, Fantastic.
- Do we get to do it again?
- Code quality generally strong.



Summer of Code Projects



QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.



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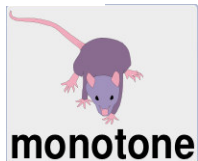
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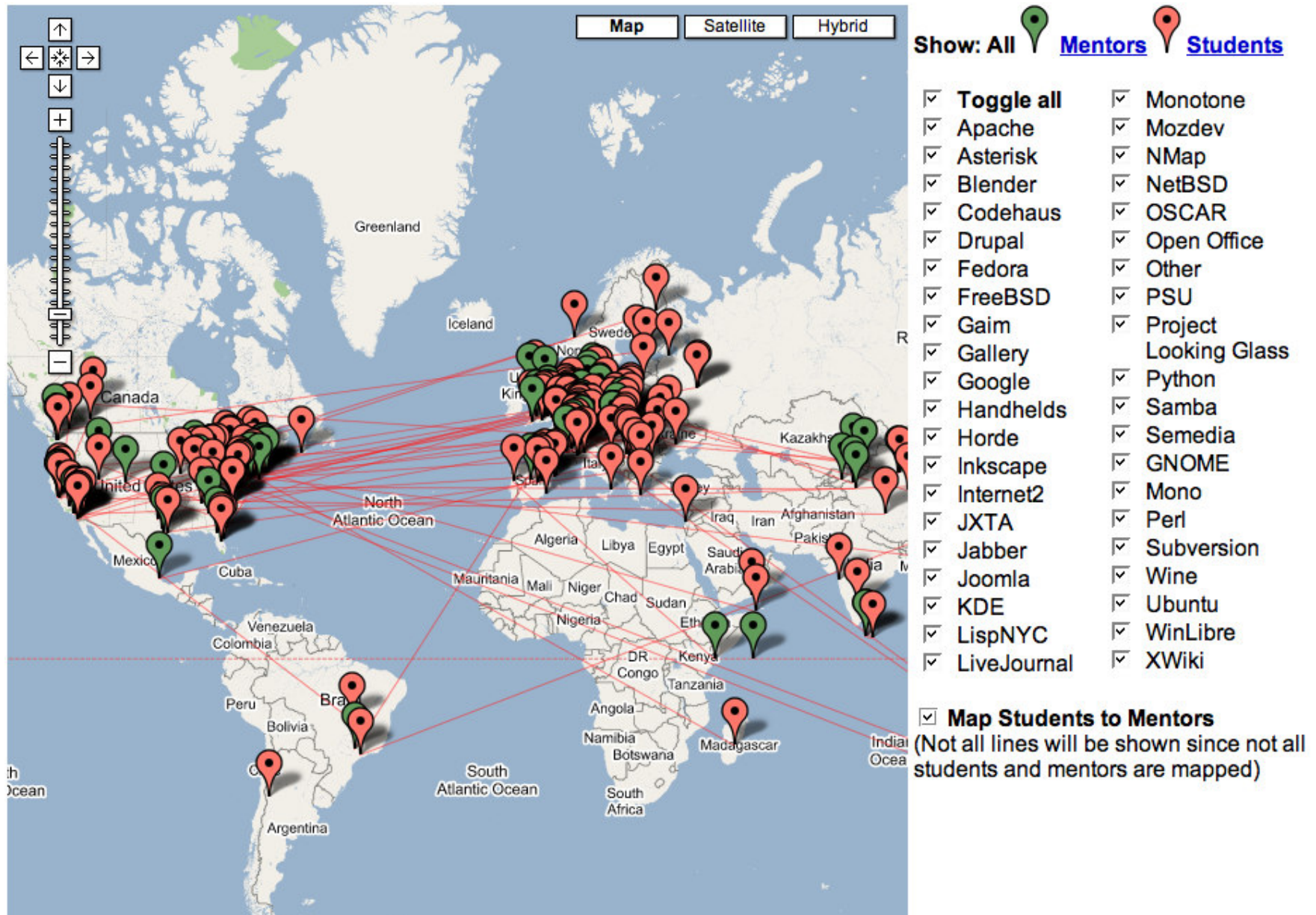
Forum Internacional Software Livre



The Summer of Code, Some of the students



Summer of Code, 2005



Summer of Code, 2006

Mentoring Organizations are Signing up now.

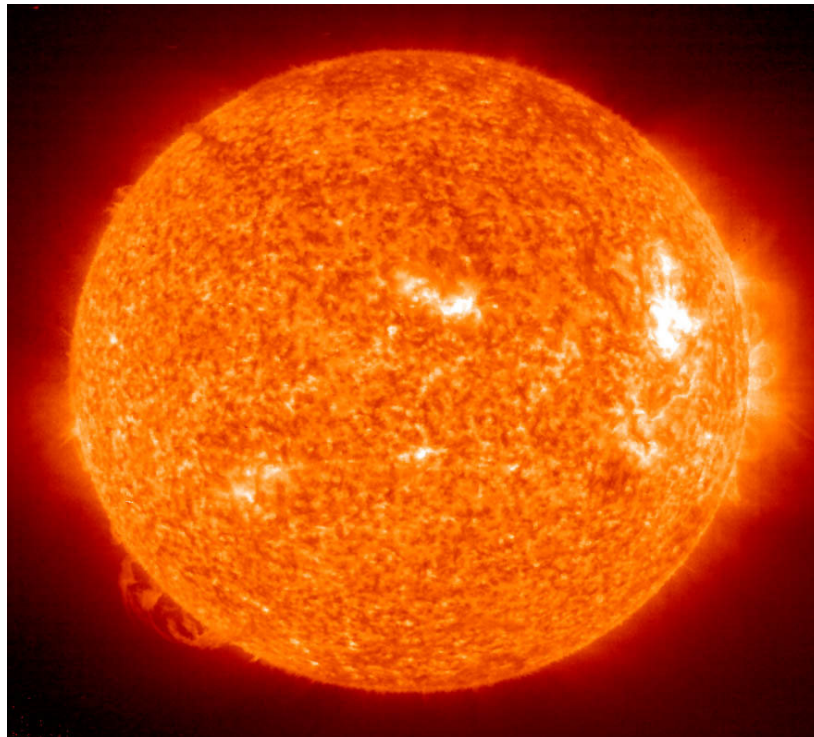
Students can apply starting May 1st

More students this year, and more projects.

100+ Orgs Ready to Take Your Application

<http://code.google.com/soc/>





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