

Google

Summer of Code

2008



Agenda



- What is Google Summer of Code ?
- What are the goals of the program ?
- How does GSoC work ?
- Google Summer of Code timeline
- Student stipends
- Participating projects
- GSoC statistics



What is GSoC ?

The *Google Summer of Code*
is a program
designed to encourage college
student participation in open
source development



GSoC goals

- Inspire young developers to begin participating in open source development
- Provide students in Computer Science and related fields the opportunity to do work related to their academic pursuits during the summer
- Give students more exposure to real-world software development scenarios (e.g., distributed development, software licensing questions, mailing-list etiquette, etc.)
- Get more open source code created and released for the benefit of all
- Help open source projects identify and bring in new developers and committers



How does it work ?

- Program Genesis
 - “Flip bits not burgers” during summer holidays
 - Exposure to real-world software development
- Students submit project proposals to the organizations, organizations rank the submissions (students paired with mentor from open source community)
 - Execute to milestones laid out in accepted program application
 - Google allocates a given number of slots to each organization, the students work all summer on their project in close mentored collaboration with that organization
 - Program stipend allows students to concentrate on OSS development full-time



GSoC 2008 timeline

- **March 3-12:** Google will accept applications from open source projects.
- **March 13-17:** Google program administrators review organization applications.
- **March 17:** List of accepted mentoring organizations published on code.google.com/soc/
- **March 24-31:** Student applications acceptance period.
- **Interim Period:** Would-be student participants discuss application ideas with mentoring organizations.



GSoC 2008 timeline

- **March 24:** Student application period opens.
- **April 14:** accepted student proposals announced at code.google.com/soc/
- **May 26:** Students begin coding for their GSoC projects.
- **July 14:** Mid-term evaluations deadline.
- **September 1:** Final evaluation deadline.
- **September 3:** Students can begin submitting required code samples to Google.



Student stipends

- Google will provide a stipend of **5000 USD** per accepted student developer, of which **4500 USD** goes to the student and **500 USD** goes to the mentoring organization.
- Accepted students in good standing with their mentoring organization will receive a **500 USD** stipend shortly after coding begins on **May 26, 2008**.
- Students who receive passing mid-term evaluations will receive a **2000 USD** stipend shortly after the mid-term evaluation deadline, **July 14, 2008**.
- Students who receive passing final evaluations and who have submitted their final program evaluations will receive a **2000 USD** stipend and mentoring organizations will receive **500 USD** shortly after the final evaluation deadline, **September 1, 2008**.



Wide range of participating projects

- Operating Systems
- OS Enhancements
- Hardware Management
- Mobile, Portable, Handheld & Calculators
- Databases
- Programming Languages, Libraries & Compilers
- Code Design, Development & Management



Wide range of participating projects

- Web Technologies
- Content Management
- Office Applications & Text Editors
- Simulations, Modeling & Neural Network
- Analytical Sciences
- Biology & Health Care
- Graphics, 3D Rendering, CAD & Animation
- Game Development
- Mail, Phone & Instant Messaging



Why should I participate ?

- The program has been **exceptionally** successful both for Google and for the participating organizations/projects
- Can attract **advanced degree** research efforts, talented students
- Students are eager and work exceptionally hard on their projects (in fact, they usually propose their own project topics)
- Successful collaboration model for remotely interacting as part of an open course project with

GSoC statistics



2005

- 400 students
- 40 organizations
- 49 countries
- 80% final success rate

2006

- 630 students
- 100 organizations
- 90 countries
- 82% final success rate

2007

- 900 students
- 130 organizations
- 90 countries
- 80% final success rate



Useful links

- Google Summer of Code web page

<http://code.google.com/soc/2008/>

- Google Summer of Code FAQ

<http://code.google.com/soc/2008/faqs.html>

- Google Summer of Code program discussion group

<http://groups.google.com/group/google-summer-of-code-discuss>

- Chat with us at IRC Freenode #gsoc channel

Any questions ?



Thank you for your attention

For more information visit

code.google.com/soc/

and apply

We are looking forward for your participation !