Agenda

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What is Google Summer of Code?

Google Summer of Code is a program designed to encourage college student participation in open source software development.
How does Google Summer of Code work?

• Program genesis: “flip bits, not burgers” during summer holidays
• Exposure to real-world software development
• Students submit project proposals to the organizations, who select student(s) and pair with mentor from the org
• Student must execute to milestones laid out in their accepted project proposal
• Google allocates a given number of slots to each organization, the students work on their project in close mentored collaboration with that organization
• Program stipend allows students to concentrate on OSS development
What are the goals of the program?

- 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
Google Summer of Code timeline

• March 18 - March 29: Google will accept applications from open source projects.
• April 1 - 5: Google program administrators review organization applications.
• April 8: List of accepted mentoring organizations published on http://www.google-melange.com
• April 9 - 21: Would-be student participants discuss application/project ideas with mentoring organizations.
Google Summer of Code timeline

• April 22 - May 3: Student application period
• May 27: Accepted student proposals announced at http://www.google-melange.com
• June 17: Students begin coding
• August 2: Mid-term evaluation deadline
• September 23: Pencils down
• September 27: Students can begin submitting required code samples to Google
• October 1: Final results of Google Summer of Code 2012 announced
Stipends

• Google will provide a stipend of 5500 USD per accepted student developer, of which 5000 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.

• Students who receive passing mid-term evaluations will receive a 2250 USD stipend shortly after the mid-term evaluation.

• Students who receive passing final evaluations will receive a 2250 USD stipend and mentoring organizations will receive 500 USD shortly after the final evaluation deadline.
Participating Projects

Have included projects on:

- Operating Systems
- Hardware Management
- Mobile, Portable, Handheld & calculators
- Databases
- Programming Languages, Libraries & Compilers
- Code Design, Development & Management
- Internet & Networks
- Video, TV & Photography
Participating Projects

- Web Technologies
- Content Management
- Office Applications & Text Editors
- Simulations, Modeling & Neural Networks
- Analytical Sciences
- Biology and Health Care
- Graphics, 3D Rendering, CAD & Animation
- Game Development
- Mail, Phone & Internet Messaging
- Multimedia, Audio, & Music
Why should I participate?

• Students gain:
  • skills
  • real world experience
  • sample code
  • contacts

• Organizations gain:
  • new contributions & contributors
  • global exposure
GSoC in numbers: FOSS Projects

![Graph showing FOSS Projects from 2005 to 2012](image-url)
GSoC in numbers: Students

![Bar chart showing the number of students over the years from 2005 to 2012. The numbers of students are as follows:
- 2005: 400
- 2006: 630
- 2007: 902
- 2008: 1,125
- 2009: 1,000
- 2010: 1,026
- 2011: 1,115
- 2012: 1,212
]
GSoC in numbers: Countries

![Bar chart showing the number of countries participating in GSoC from 2005 to 2012. The chart indicates a peak in 2009 with 98 countries, followed by a decline to 70 in 2010 and 2011, and then remaining at 69 in 2012.](chart.png)
Useful links

- Google Summer of Code web page
  - http://www.google-melange.com

- Google Summer of Code discussion group
  - http://groups.google.com/group/google-summer-of-code-discuss

- Google Summer of Code student guide
  - http://www.booki.cc/gsocstudentguide/
Thank you for your attention

We look forward to your participation!