# Google Summer of Code



## 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



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



- 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



- 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.



- 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.



- 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.



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



- 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

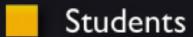


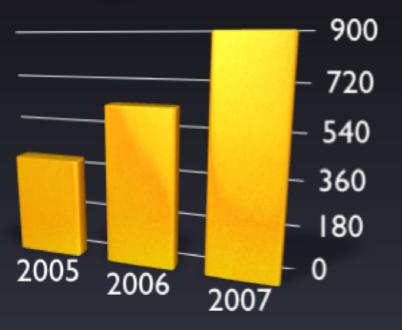
- The program has been exceptionally successful both for Google and for the participating organizations/projects
- Can attract advanced degree research efforts, talented students
- Students are eager and work exceptionally hard on their projects (in fact, they usually propose their own project topics)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



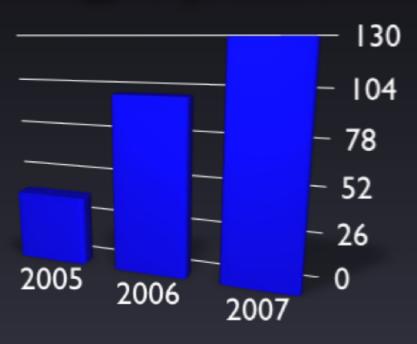
## GSoC statistics







#### Organizations



#### Countries



## 2005400 students

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

## 2006630 students

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

#### 2007900 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





For more information visit

## code.google.com/soc/

and apply

We are looking forward for your participation!