

Google Summer of Code

Creation Review

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What is the Google Summer of Code?

- A program managed by Google that:
 - pays a student to contribute to community open source projects during summer
- Google
 - invites open source organizations to propose summer students projects and volunteer mentors
 - organize the selection of students candidatures
 - rewards the selected students with a \$4500 stipend
 - rewards the organization with a \$500 stipend per student mentored
- Eclipse was invited to participate for the 2006 edition (the program started in 2005).

The opportunity of the SoC

- For Eclipse:
 - Have students contribute original new features or significant bug fixes to Eclipse
 - Community outreach and enlargement
- For students:
 - Better than flipping hamburgers
 - Learning about open source ways
 - Add a ‘trophy’ to their resume

Some stats

- Over 80 qualified students proposals received for Eclipse
- 11 students slots assigned by Google
- 13 mentors all on a volunteer basis
- Students are from Germany, USA, Canada, Estonia, Korea, Brazil, Spain...
- Mentors are community members, committers, Eclipse projects leads
- Selected projects are for the Platform, CDT, ECF, Mylar, RCP
- Google is 'giving' to Eclipse \$5,500 for having mentored students, and \$49,500 to the students
- Over 600 student projects sponsored by Google
- Eclipse ranked as one of the top 5 orgs by number of projects slots assigned

Students projects

- ECF BitTorrent Provider (#144133)
 - Student: Remy Chi Jian Suen
 - Mentor(s): Chris Aniszczyk, Scott Lewis, Wayne Beaton
- Word Wrap for Text Viewer and Editor (#35779)
 - Student: Ahti Kitsik
 - Mentor(s): Philippe Ombredanne
- Generic form description and a prototypical implementation of a render engine for Eclipse RCP
 - Student: Steffen Grün
 - Mentor(s): Gunnar Wagenknecht
- Enhancing Mylar's Bugzilla Integration
 - Student: Jeff Pound
 - Mentor(s): Mik Kersten
- Mylar Trac Connector Plug-in (#140512)
 - Student: Steffen Pingel
 - Mentor(s): Mik Kersten
- Real-Time Shared Editing
 - Student: Mustafa K. Isik
 - Mentor(s): Scott Lewis
- Shared Code Plug-in (SCP)
 - Student: Marcelo Mayworm
 - Mentor(s): Scott Lewis, Ken Gilmer
- Eclipse RCP Installer/Packages Generator
 - Student: Jacobo García
 - Mentor(s): Francois Granade
- A Distributed Object Application Debugger for the Eclipse Platform
 - Student: Giuliano Mega
 - Mentor(s): Fabio Kon
- Basic Eclipse Mono Development Environment and Contributions Towards an Eclipse IDE Generator
 - Student: Rebecca Chernoff
 - Mentor(s): Doug Schaefer
- Duplicated code detection tool (SDD)
 - Student: Iryoung Jeong
 - Mentor(s): Pascal Rapicault

SoC Impact

- Increased awareness of Eclipse in educational institutions
- Increased awareness of Eclipse in Google
- Positive experience with students will be taken forward into their careers
- Actual value to existing projects

SoC International Dimension

- Students and mentors come from all around the world

SoC Interest

- Many interested parties:
 - QNX
 - Department of Computer Science, University of São Paulo, Brazil
 - More...

SoC Plan... Next Step

- Get project created
- Get access to CVS
- Get students processed as committers
- Get code

Schedule

- June 26, 2006
 - Google solicits mid-program mentor evaluations of student progress
- June 30, 2006
 - All mid-program evaluations of student progress due by 17:00 Pacific Daylight Time
 - Google begins issuing mid-term student payments
- August 21, 2006
 - All student projects due by 08:00 Pacific Daylight Time
 - Final mentor evaluations of student progress commence
 - Student evaluations of mentors commence
- September 5, 2006
 - All mentor and student evaluations due by 08:00 Pacific Daylight Time
 - Google begins issuing final student payments
 - Google program administrators begin review of students' evaluations of their mentors
- September 25, 2006
 - Google begins issuing payments to mentoring organizations

Questions?