Google Summer of Code @ Eclipse Creation Review

Summer of Code

- Google funds development of open source projects
    - USD$4500 for the student
    - USD$500 for the mentoring organization
- Eclipse participated in 2006 and now in 2007

GSoC@Eclipse Projects...

- Improve multi-monitor support
  - Student: Benjamin Muskalla
  - Mentor(s): Kim Horne
- Plug-in Dependency Visualization
  - Student: R. Ian Bull
  - Mentor(s): Chris Aniszczyk
- Eclipse Web Interface
  - Student: Michael Robb
  - Mentor(s): Nick Boldt

...GSoC@Eclipse Projects...

- An auto-configuration plugin for Eclipse
  - Student: Ogechi Nnadi
  - Mentor(s): Remy Chi Jian Suen, Markus Alexander Kuppe
- Provide an Eclipse IDE generation environment derived from a language grammar
  - Student: Miguel Garcia
  - Mentor(s): Ed Merks
- Eclipse Interface for Online Marking Tool
  - Student: Florian Shkurti
  - Mentor(s): Jason Montojo

...GSoC@Eclipse Projects...

- UI for the equinox provisioning
  - Student: Prashant Deva
  - Mentor(s): Philippe Ombredanne, Andrew Overholt, Pascal Rapicault
- Framework to develop simple Eclipse plugin using PHP
  - Student: Toomas Römer
  - Mentor(s): Ahti Kitsik
- Improve Mylyn's new users experiences
  - Student: Balazs Brinkus
  - Mentor(s): Mik Kersten

...GSoC@Eclipse Projects...

- Java Executable Wrapper Plugin for Eclipse
  - Student: Zhang Rui
  - Mentor(s): Gunnar Wagenknecht
- Test Message Generator for the Eclipse Open Health Framework
  - Student: Srdan Bejakovic
  - Mentor(s): Marcelo Paternostro
- WebDAV EFS Implementation
  - Student: Reid Holmes
  - Mentor(s): Gunnar Wagenknecht

...GSoC@Eclipse Projects...

- Mylyn Plugin for DrProject
  - Student: Xiaoyang Guan
  - Mentor(s): Greg Wilson
- Mylyn synchronous context sharing, based on Mylyn and ECF integration
  - Student: Jevgeni Holodkov
  - Mentor(s): Mik Kersten
- VoIP via the ECF Call API and the Jingle Protocol
  - Student: Moritz Post
  - Mentor(s): Scott Lewis

...GSoC@Eclipse Projects...

- Semantic-aware software component provisioning: actually reusing software

  - Student: Savino Sguera

  - Mentor(s): Philippe Ombredanne

- Eclipse search plugin: providing a better, faster, more relevant Eclipse search.

  - Student: Çağatay Çallı

  - Mentor(s): Francois Granade

- Add the ability to write plugins using jruby or groovy.

  - Student: Anton Arhipov

  - Mentor(s): Wayne Beaton

...GSoC@Eclipse Projects...

- Integate and Connect your Clients
    - Student: Ha Li
    - Mentor(s): Wayne Beaton
- Linking and traceability of requirement artifacts in Eclipse
    - Student: ROBIN
    - Mentor(s): Francois Granade

...GSoC@Eclipse Projects

- NetBeans in Eclipse
  - Student: Beyhan Osmanov Veliev
  - Mentor(s): Philippe Ombredanne
- Support seamless debugging between JDT and CDT
  - Student: Mariot Chauvin
  - Mentor(s): Philippe Ombredanne, Francois Granade

CVS

- Some projects have code in soc.eclipse.org CVS
  - Students have been advised of IP cleanliness requirements (and are continually reminded)
- Most projects are maintained elsewhere
  - SourceForge
  - Other Eclipse projects.

2006 SOC Project

- Last year, we hastily created an Eclipse project for the programme
  - Project was archived in the fall of 2006
- We did "cut some corners" in 2006 due to late start
  - No formal creation review
  - No formal archival review
  - Students and mentors were initial committers
- Created separate virtual server with separate CVS
  - SOC Committers have access to soc.eclipse.org and nothing else
- Did follow proper Eclipse legal process

2007 SOC Project

- Cut even more corners
    - Recreated SOC project without review
    - Added new committers without proper elections
- Special Project/Special Committers
    - Separate CVS server (soc.eclipse.org)
    - GSoC committers only have access to this server
    - No other foundation resources accessible

Process Breakdown

- This is (IMHO) a failed process

  - Demonstrates that exceptions to the standard process should not be made

  - Eclipse process should be followed by future GSOC incarnations

    - Or possibly evolved

Plan

- Get through 2007 programme
  - Keep the experience as positive as possible for students
- Work with the Board and the EMO to design a light-weight research/student way for SoC-like projects to exist in the future

Comments and Voting

- https://bugs.eclipse.org/bugs/show_bug.cgi?id=197059