

How mentoring programs can help newcomers get started with open source

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Agenda

- Apache Community Development (ComDev) PMC
- Why Mentoring ?
- Available Programs
 - Google Summer of Code
 - Google Code-In
 - Apache Mentoring Programme
- Finding Project Ideas
- Finding Mentors

Community Development

Why Apache is so successful ?

The Apache Way
Community over code



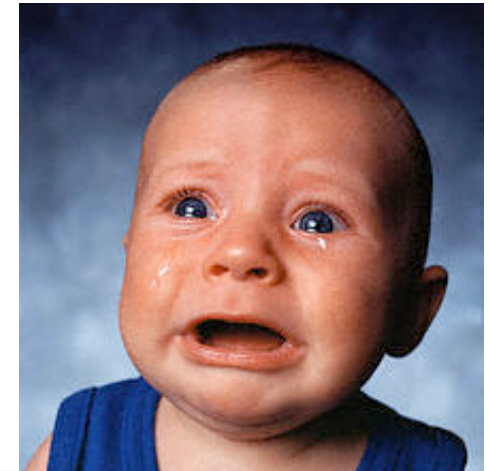
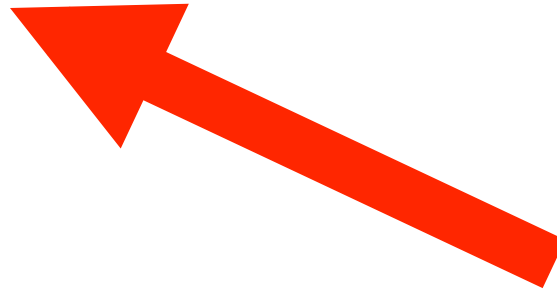
Community Development

- Created to foster greater community and help others understand how the ASF works and give you the confidence to work more directly



Why Mentoring ?

Open Source Project

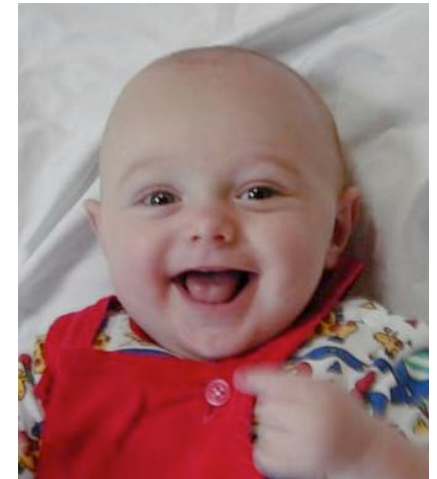
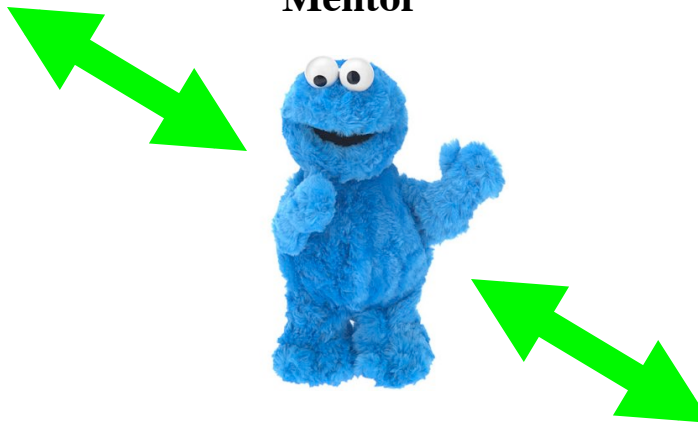


Why Mentoring

Open Source Project



Mentor



Why Mentoring ?

- What to expect from the mentor
 - Will help you get familiar with the open source community, and help you interact with the existent community
 - Your mentor might also help with technical questions/issues, but this might not be a complete requirement



What mentoring programs are available ?



ApacheCon



Google Summer of Code



Leading the Wave
of Open Source

Google Summer of Code

- Goals
 - Inspire students to engage in open source development and also give them more exposure to real-world software development scenarios
- Eligibility Requirements
 - Must be 18 years old by program announcement/start
 - Must be a student.



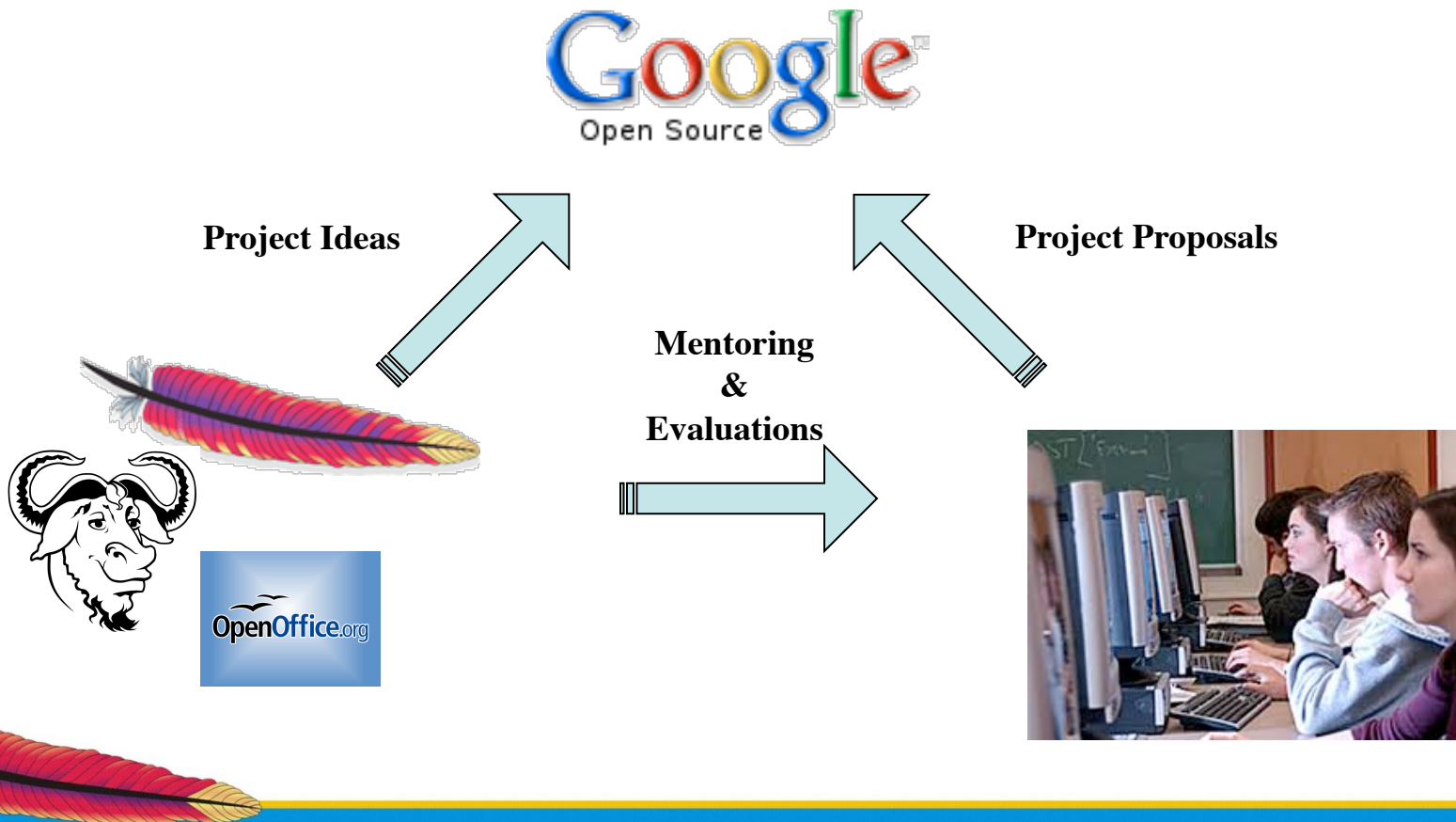
Google Summer of Code

- Restrictions
 - Code only
 - Summer only
 - Students only



Google Summer of Code

- How it works ?



Google Summer of Code

- Google Summer of Code web page
 - <http://code.google.com/soc/>
- Google Summer of Code FAQ
 - <http://code.google.com/soc/2009/faqs.html>
- Google Summer of Code discussion group
 - <http://groups.google.com/group/google-summer-of-code-discuss>
- IRC Channel
 - IRC Freenode #gsoc channel



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Google Code-In



Leading the Wave
of Open Source

Google Code-In

- Goals
 - Inspire young students to engage and contribute to open source communities
- Eligibility Requirements
 - Must be between 13-18 years old
 - Must be a student.



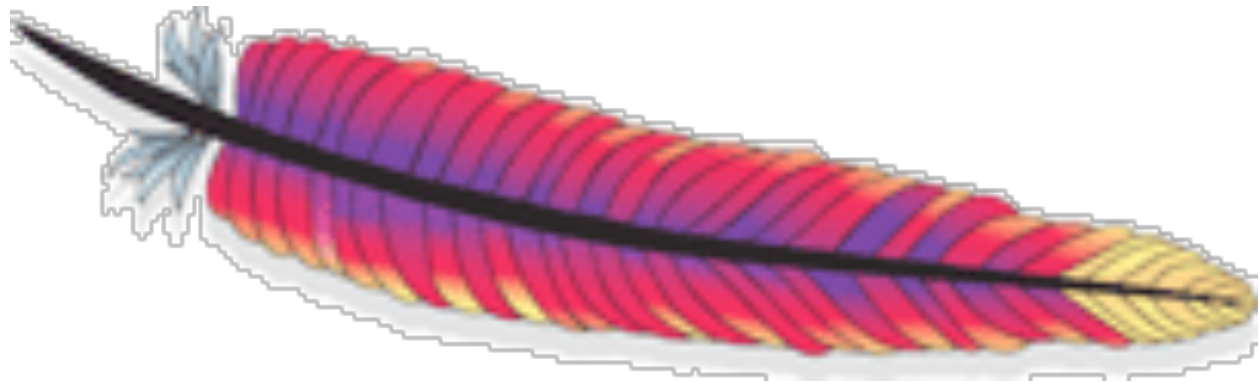
Google Code-In

- Google Code-In web page
 - <http://code.google.com/opensource/gci>
- Google Code-In FAQ
 - <http://code.google.com/opensource/gci/2010-11/faqs.html>



ApacheCon

Apache Mentoring Programme



Leading the Wave
of Open Source

Apache Mentoring Programme

- Goals
 - Foster a greater community around the various Apache Projects
 - Introduce The Apache Way to people new to Apache and open source in general



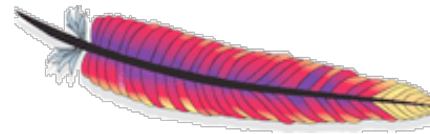
Apache Mentoring Programme

- Restrictions ?
NO RESTRICTIONS ...
 - Any contribution
 - Any time
 - Anyone

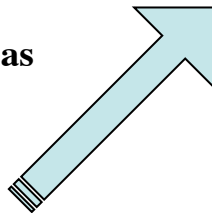


Apache Mentoring Programme

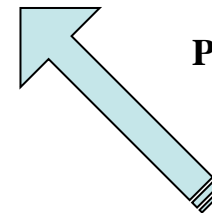
- How it works ?



Project Ideas



Project Proposals



Mentoring
&
Evaluations



Apache Mentoring Programme

- Finding a local mentor
 - <http://community.zones.apache.org/>

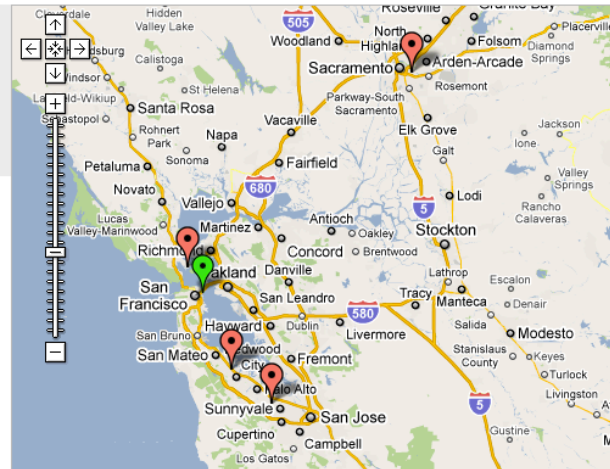
Nearby Apache People

Brought to you by the [Apache Community Development Project](#).

[Community Development Site](#) > [Find People](#)

People Near You

Sander Temme	11.4 km
Jean-Sebastien Delfino	32.7 km
Ted Dunning	52 km
Chris Hostetter	122 km
Jeff Genender	1507 km
Brian McCallister	1523 km



Apache Mentoring Programme

- Community Development web page
 - <http://community.apache.org>
- Mentoring Programme web page
 - <http://community.apache.org/mentoringprogramme.html>
- FAQ
 - <http://community.apache.org/newbiefaq.html>



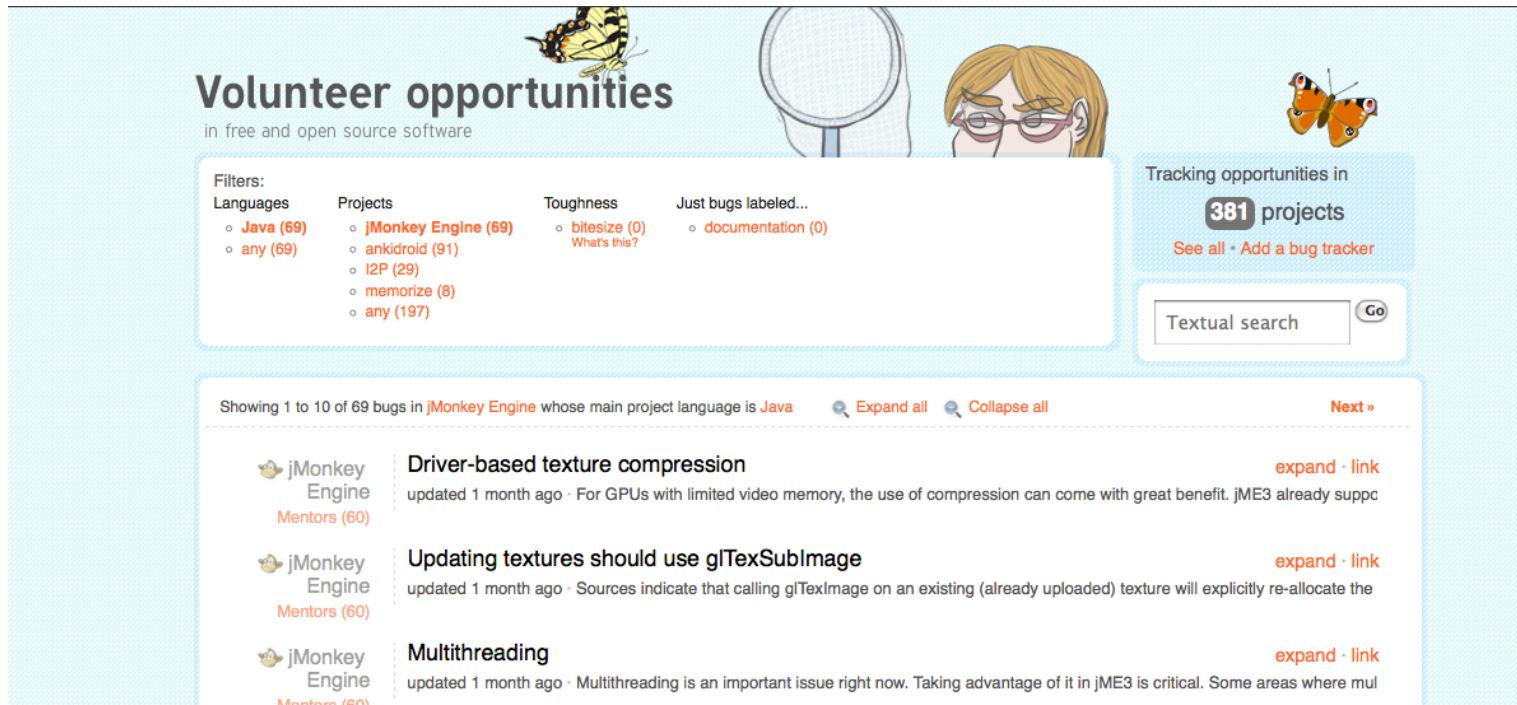
Finding Project Ideas



<https://openhatch.org>



Finding Project Ideas



The screenshot shows the Apache Volunteer Opportunities page. At the top, it says "Volunteer opportunities in free and open source software". Below this, there are filter sections for Languages, Projects, Toughness, and Just bugs labeled... The Languages filter shows Java (69) and any (69). The Projects filter shows jMonkey Engine (69), android (91), I2P (29), memorize (8), and any (197). The Toughness filter shows bitesize (0) and What's this?. The Just bugs labeled... filter shows documentation (0). To the right, there is a "Tracking opportunities in 381 projects" section with a "See all" link and an "Add a bug tracker" button. Below that is a "Textual search" box with a "Go" button. The main content area shows a list of bugs in the jMonkey Engine project, filtered by Java. The first three bugs are: "Driver-based texture compression", "Updating textures should use glTexSubImage", and "Multithreading". Each bug entry includes the project name, a brief description, and links to "expand" and "link".

Volunteer opportunities
in free and open source software

Filters:

- Languages**
 - Java (69)
 - any (69)
- Projects**
 - jMonkey Engine (69)
 - android (91)
 - I2P (29)
 - memorize (8)
 - any (197)
- Toughness**
 - bitesize (0)
 - What's this?
- Just bugs labeled...**
 - documentation (0)

Tracking opportunities in **381** projects
[See all](#) · [Add a bug tracker](#)

Textual search

Showing 1 to 10 of 69 bugs in **jMonkey Engine** whose main project language is **Java** [Expand all](#) [Collapse all](#) [Next »](#)

- jMonkey Engine** Mentors (60) **Driver-based texture compression** [expand](#) · [link](#)
updated 1 month ago · For GPUs with limited video memory, the use of compression can come with great benefit. jME3 already supp
- jMonkey Engine** Mentors (60) **Updating textures should use glTexSubImage** [expand](#) · [link](#)
updated 1 month ago · Sources indicate that calling glTexImage on an existing (already uploaded) texture will explicitly re-allocate the
- jMonkey Engine** Mentors (60) **Multithreading** [expand](#) · [link](#)
updated 1 month ago · Multithreading is an important issue right now. Taking advantage of it in jME3 is critical. Some areas where mul



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Resources



**Leading the Wave
of Open Source**

Resources

- Apache Community Development
 - <http://community.apache.org>
- The Apache Way
 - <http://www.apache.org/foundation/how-it-works.html>

