

Continuous Integration with Hudson, Glassfish, and Subversion

Seattle Code Camp v4.0
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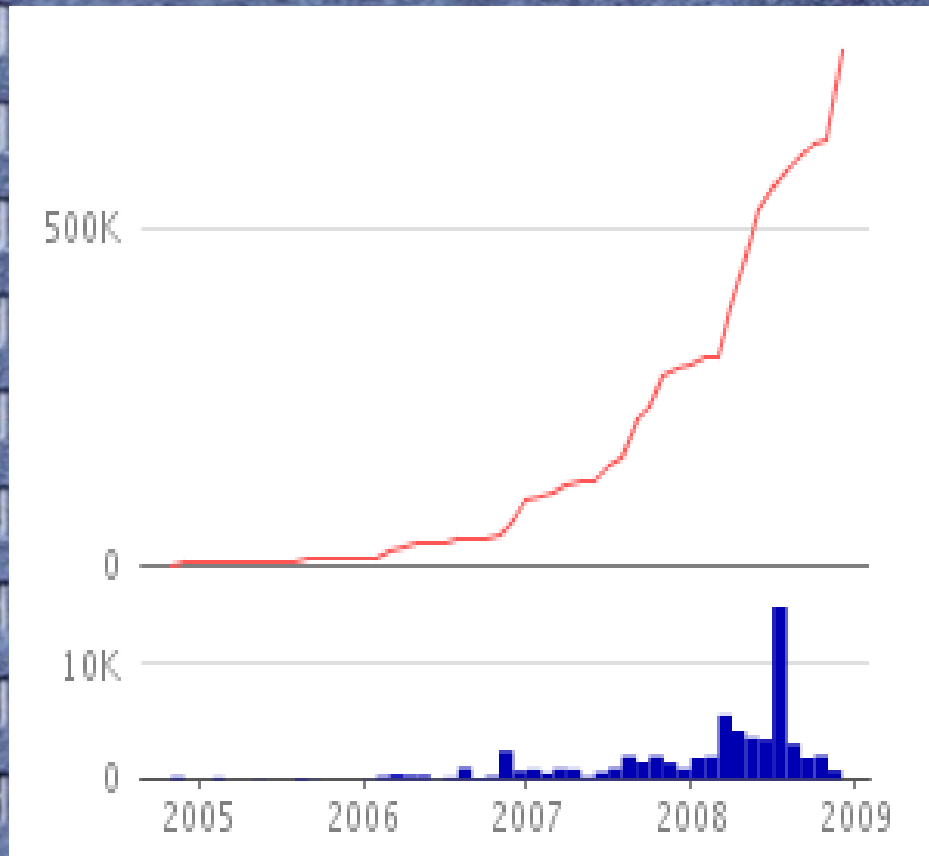
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Continuous Integration (CI)

source: <http://martinfowler.com/articles/continuousIntegration.html>

- ✓ - Source Code Management System
- ✓ - Automated Build Scripts
- ✓ - Integrate Testing into the Build Script
- ✓ - Commit Often
- ✓ - Use an independent Build Server
- ✓ - The CI Build should deploy to a Test Server
- ✓ - Communicate Build Status via a Dashboard

Hudson Code Growth / Vitality



- Wow.
- Seriously.
- Wow.

Source: <http://fisheye4.atlassian.com/browse/hudson/trunk/hudson/>

CI References

- Hudson
 - <https://hudson.dev.java.net/>
 -
- ThoughtWorks CI Feature Matrix
 - <http://confluence.public.thoughtworks.org/display/CC/CI+Feature+Matrix>
 -
- Martin Fowler's paper:
 - <http://martinfowler.com/articles/continuousIntegration.html>

Some Alternatives to Hudson

- Apache Continuum
 - <http://continuum.apache.org/>
- Atlassian Bamboo
 - <http://www.atlassian.com/software/bamboo/>
- CruiseControl
 - <http://cruisecontrol.sourceforge.net/>
- Want more alternatives?
 - http://en.wikipedia.org/wiki/Continuous_integration#Software

Subversion Resources

- Subversion
 - <http://subversion.tigris.org/>
- TortoiseSVN
 - <http://tortoisesvn.tigris.org/>
- webSVN
 - <http://websvn.tigris.org/>
- statSVN
 - <http://www.statsvn.org/>

Glassfish Resources

- Glassfish
 - <https://glassfish.dev.java.net/>
 -

Hudson Links

- Getting started with Hudson
 - <http://matthew.mceachen.us/blog/getting-started-with-hudson-117.html>
- Installing Hudson, Ssh, Svn, Trac, Tomcat, Maven, Ant from Scratch on my Ubuntu 8.04 Machine
 - <http://yekmer.blogspot.com/2008/09/installing-hudsonsshsvntracmavenant.html>
- Hudson - Tips and Tricks
 - <http://www.testearly.com/2008/06/06/hudson-tips-and-tricks/>

More Resource Links...

- <http://intltechventures.blogspot.com/2008/11/2008-1>
- <http://intltechventures.blogspot.com/2008/11/2008-11-14-friday-continuous.html>

Thanks for attending my
presentation!