

# Getting Into OpenSource

Everything you wanted to know about open source that nobody told you

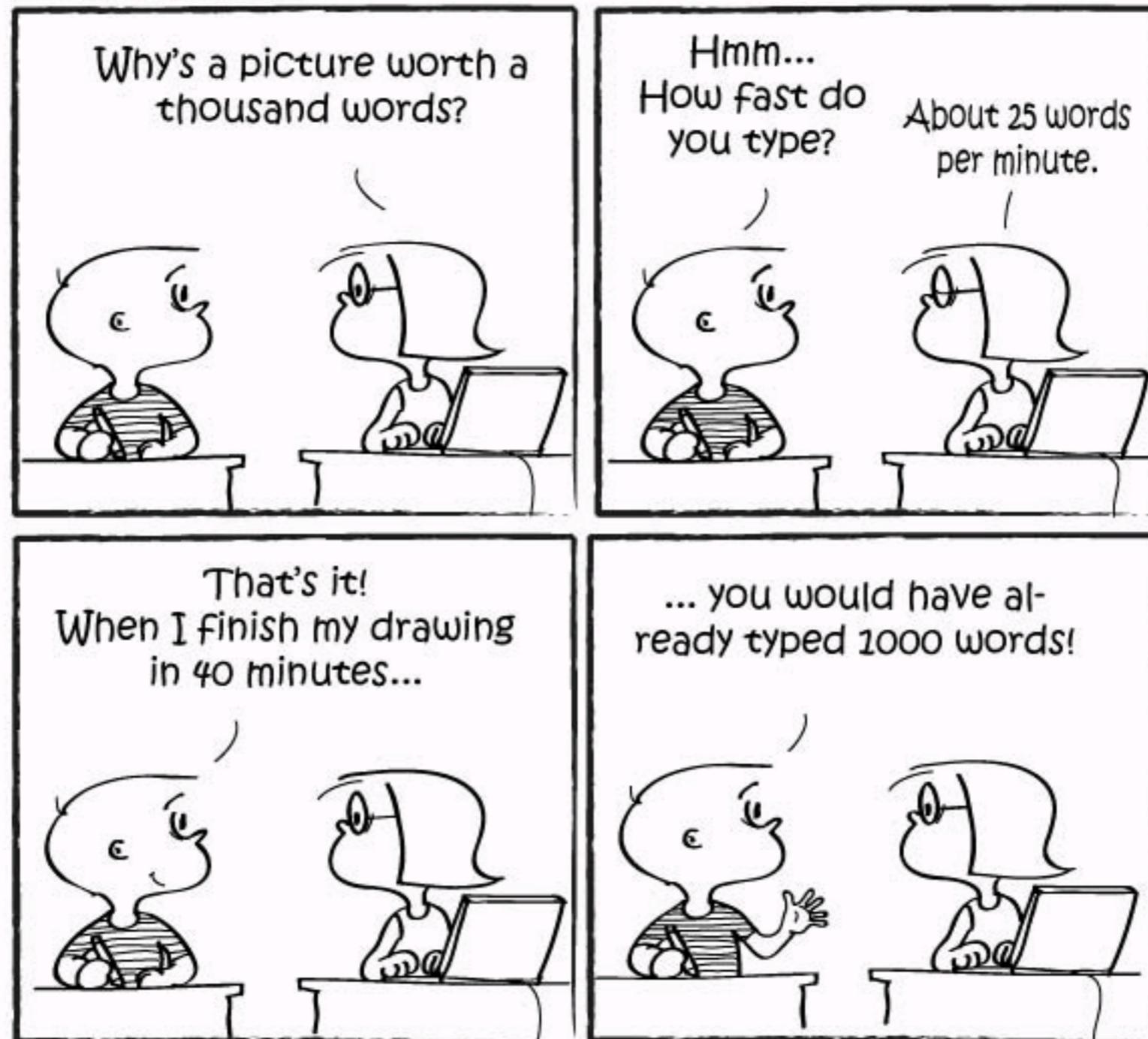
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**CTO, Savoir Technologies**

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**[jgenender at apache.org](mailto:jgenender@apache.org)**



# My Style - I ain't a bullet reader

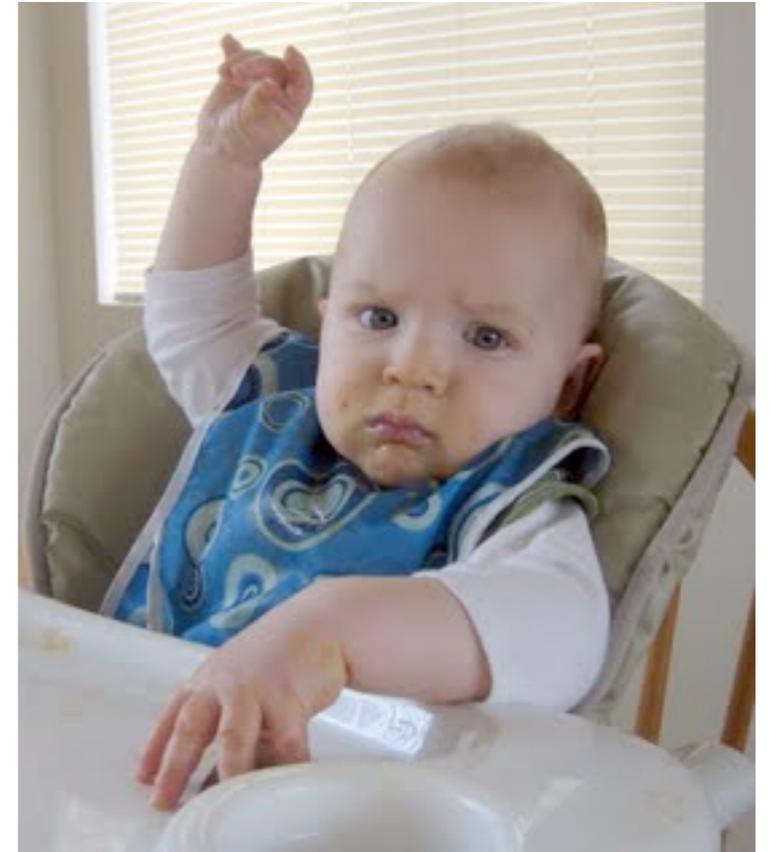
giggleBites



# Rules of Engagement



# Engage yourself!



**This preso is my opinion and others' may differ**



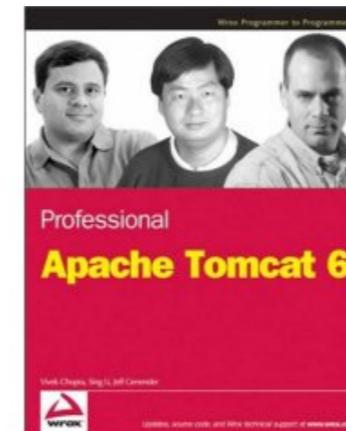
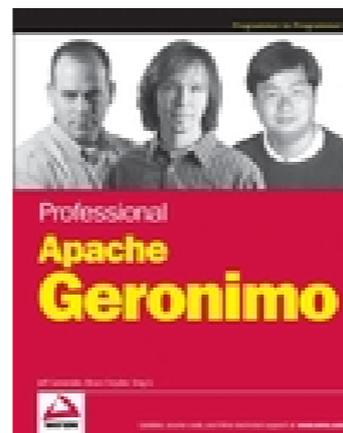
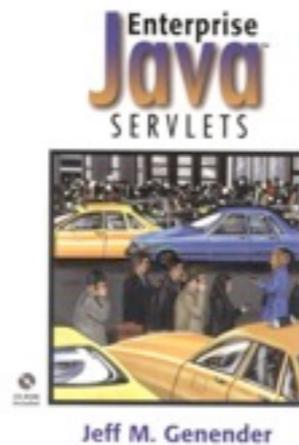
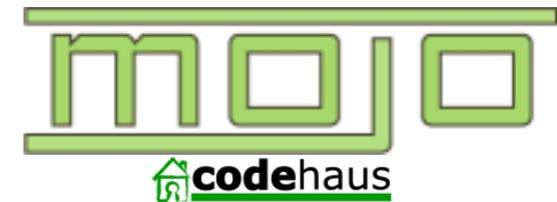
# Jeff Genender and OpenSource



Apache CXF



JSR 316 - Java EE 6



# OpenSource - Why its cool - Do I need to tell you why?



**Do you care?**



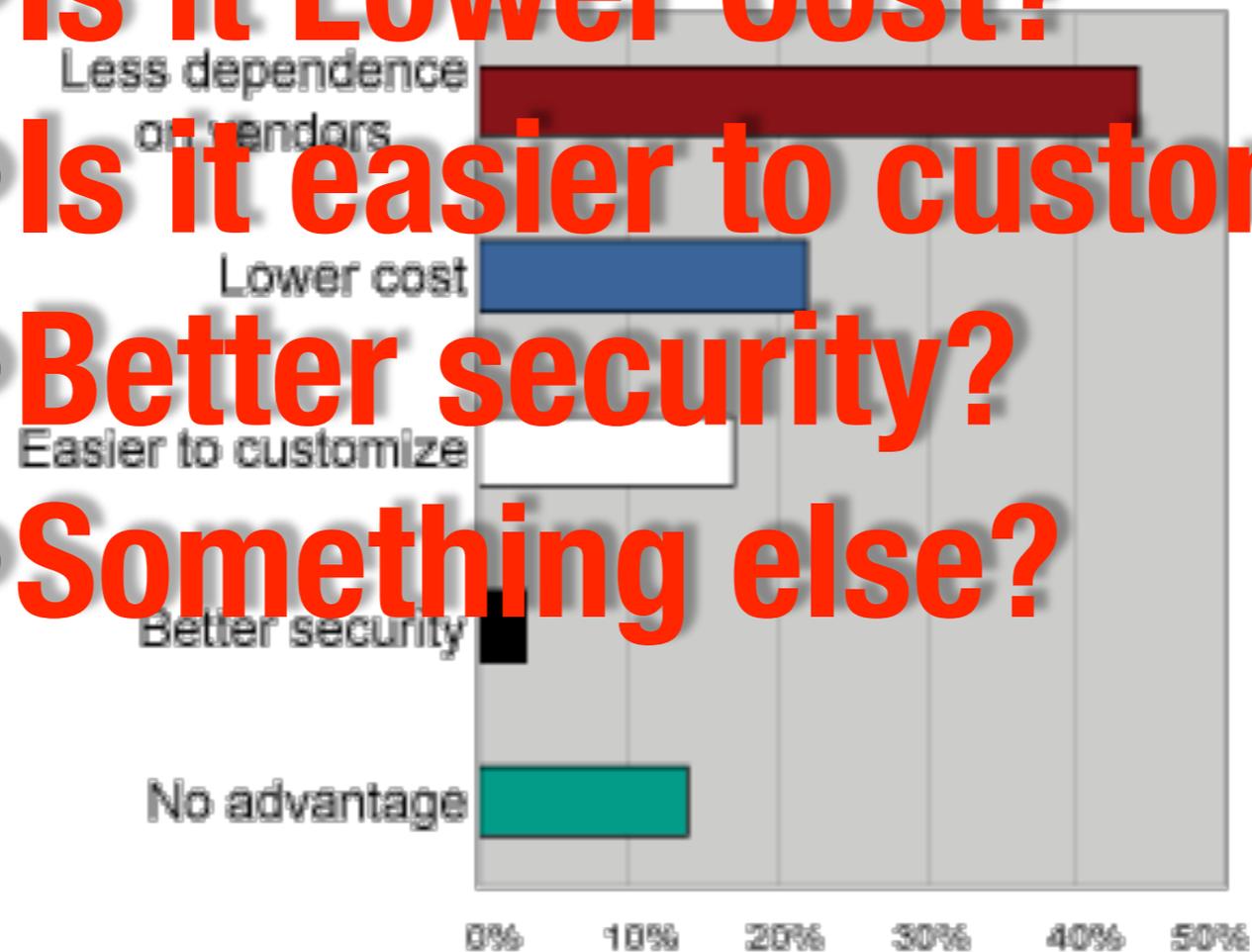
**Is it because its Free? Free as in Beer?**



# What is the biggest advantage of OpenSource?

What is the most important advantage in the use of open source?

- Is it Lower Cost?
- Is it easier to customize?
- Better security?
- Something else?



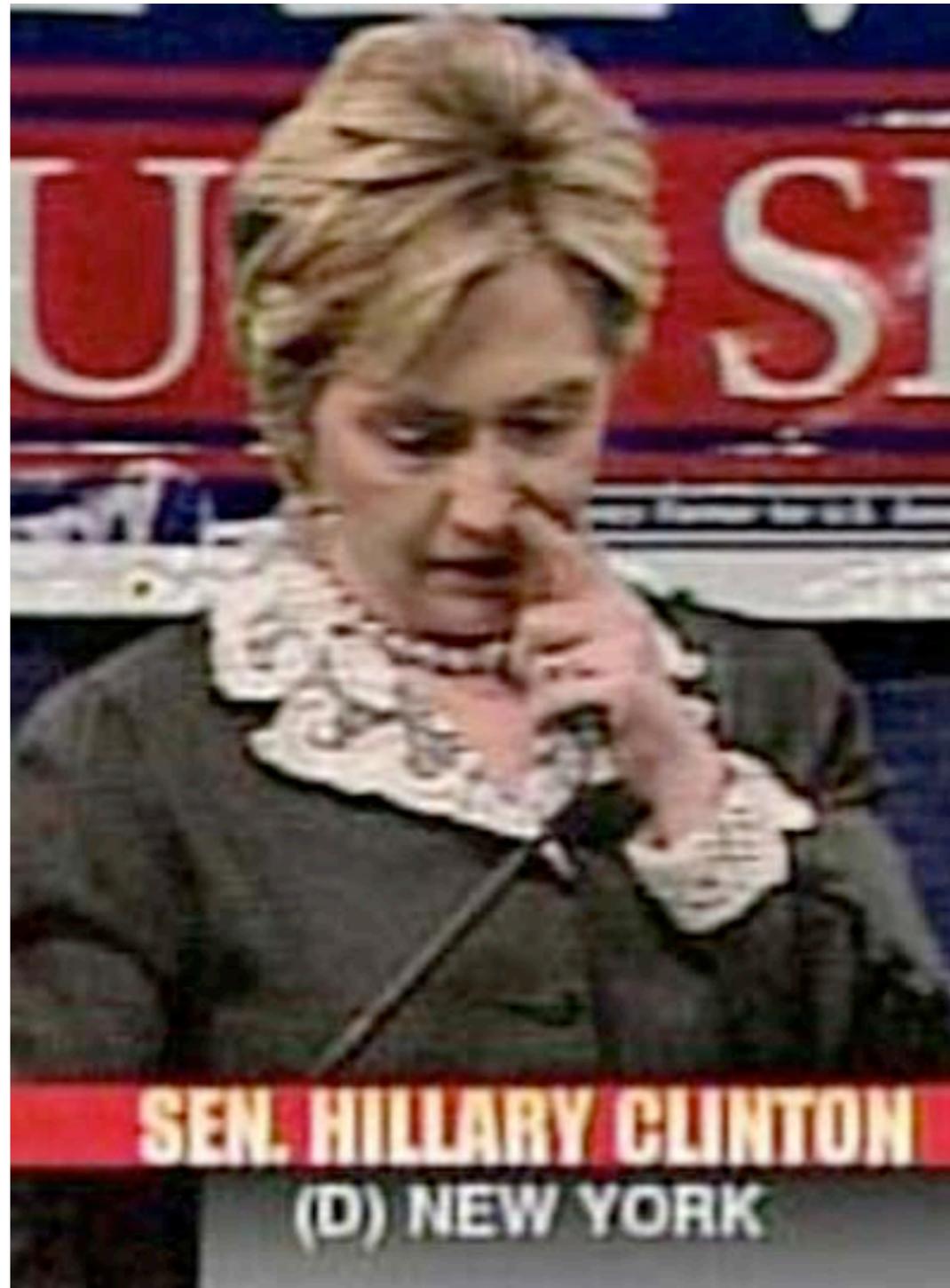
# Diving Into Open Source - How?



# Scratch That Itch!



## Pick your Project - Does it Exist?



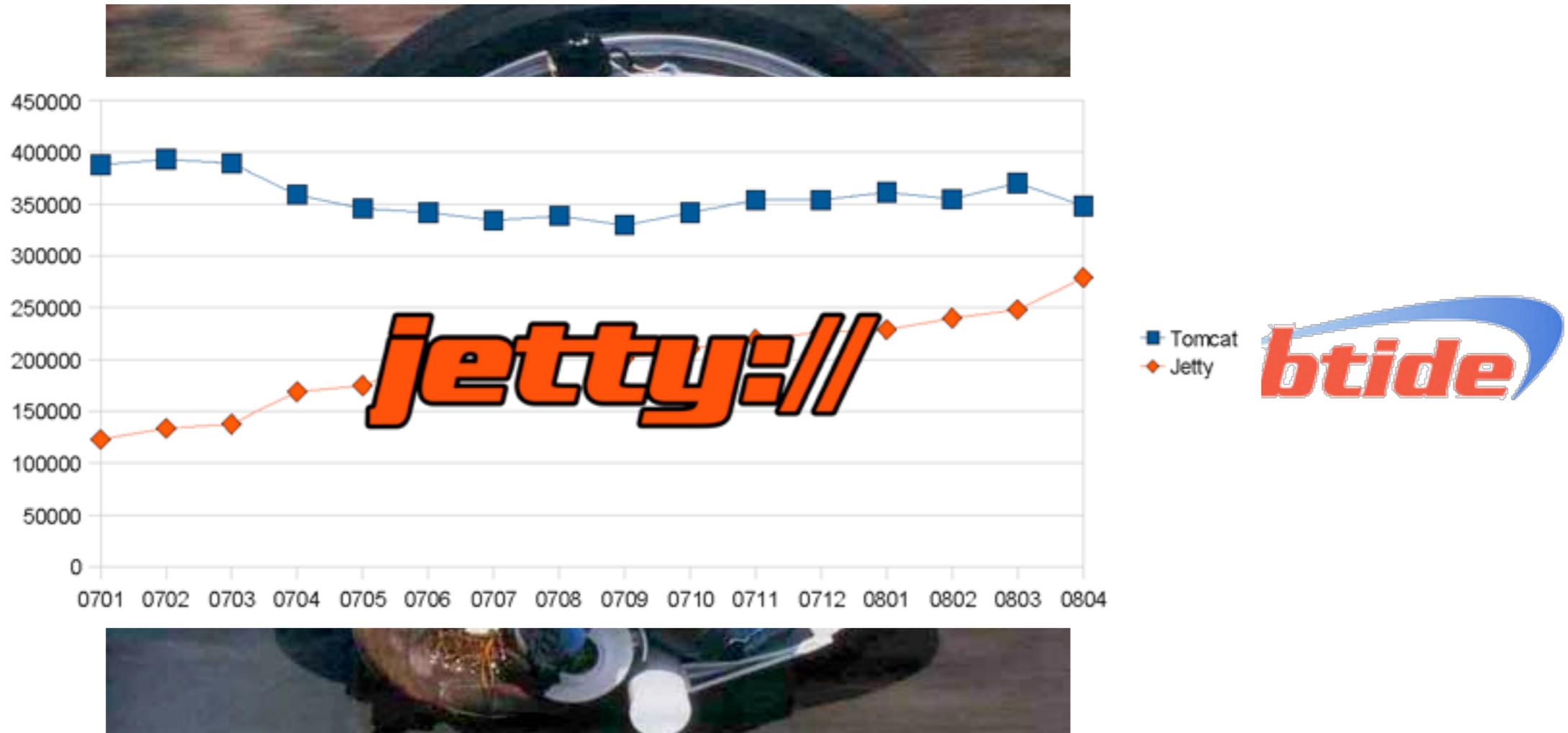
# Don't Reinvent The Wheel



**FAIL**

GTFO n00b

# You Decided To Reinvent The Wheel



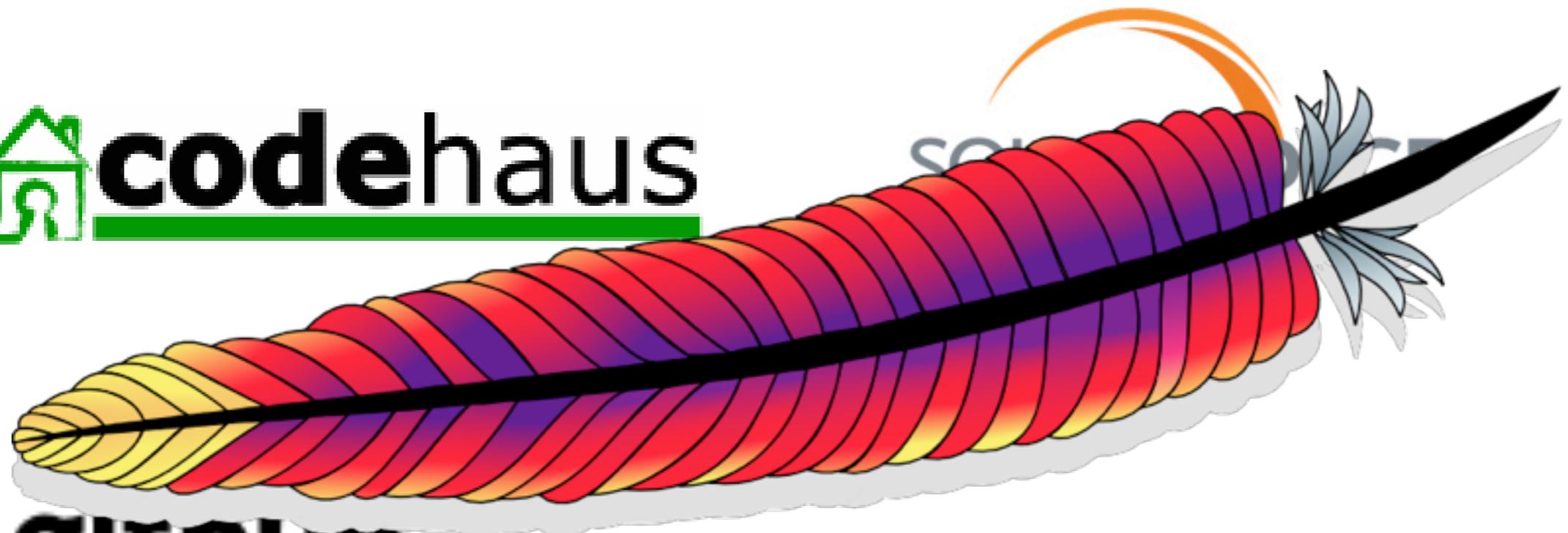
# Community - The Most Important Piece



# Community Types



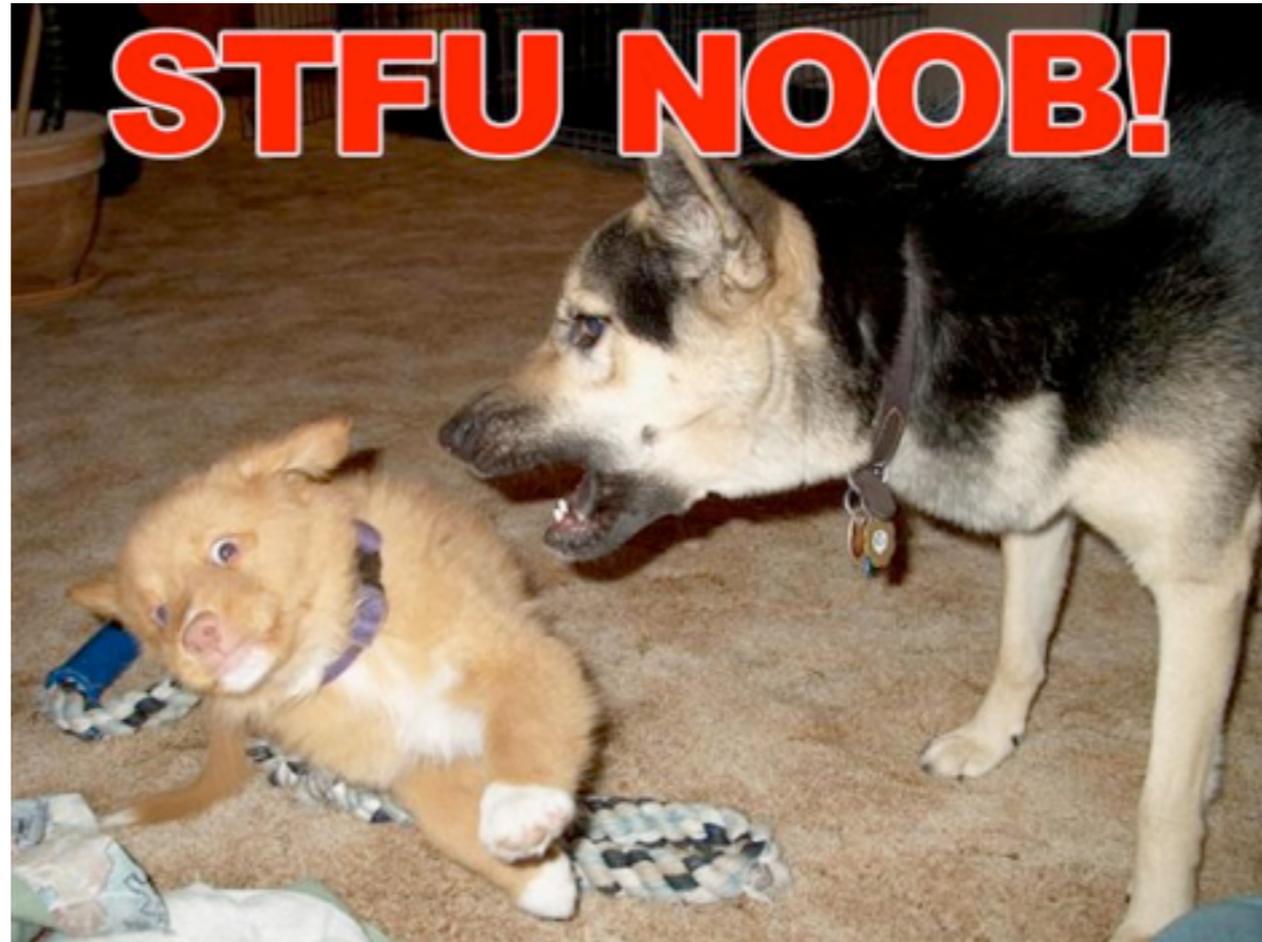
# Community Locales



# Interacting on the Projects



# Play Nice - Don't be poisonous



# Parkinson's Law of Triviality (The Bike Shed)



**AVOID THE  
BIKESHED!!!**



# Interaction and the tools



# Tools for Interacting Remotely

## ● Server Side Tools

- Source Control
- Mail Lists
- Wiki
- Forum
- Ticket System (Issues)
- Continuous Integration

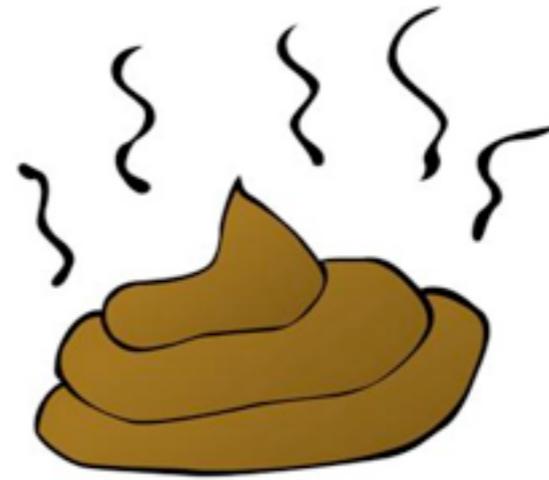
## ● Client Side Tools

- IRC
- Skype - Keep usage low

# Source Control



VSS =



S

JUST SAY NO!



# Source Viewers

**FISHEYE** Guest | Login | Help CRUCIBLE BROWSE CHANGELOG SEARCH CHART

public: Quick Search: Go

Make it possible to set the command run... SER-65 CR-202 added doc to only supports...

**Changeset Detail** Show this changeset in changelog

19191 created by tpettersen on 13 May 2008, 21:41:31 -0500 (2 months 22 days ago) (patch)

FISH-156: Instance repositories are now initialised as soon as the connection test passes on the Edit FishEye Configuration screen. The "Cancel" button can now safely be pressed on the associate repositories screen at all times without resulting in an invalid config.

Expand all | Collapse all | Don't Truncate Long Diffs

Contrib/jira/jira-fisheye-plugin/trunk/src/main/java/com/atlassian/jira/web/action/admin/EditFishEyeConfiguration.java 19191 @ (+47 -6) diffs

Contrib/jira/jira-fisheye-plugin/trunk/src/test/java/com/atlassian/jira/web/action/admin/TestEditFishEyeConfiguration.java 19191 @ (+6 -1) diffs

14	import javax.servlet.http.HttpServletRequest;	14	import javax.servlet.http.HttpServletRequest;
15	import java.util.Collections;	15	import java.util.Collections;
16	import java.util.Collections;	16	import java.util.Collections;
17		17	import java.util.Collections;
18	public class TestEditFishEyeConfiguration extends TestViewFishEyeConfiguration {	18	public class TestEditFishEyeConfiguration extends TestViewFishEyeConfiguration {
19		19	
20		20	
21		21	
22	return super.doExecute();	22	return super.doExecute();
23	}	23	}
24		24	
25	protected boolean repositoriesNotConfigured() {	25	protected boolean isRepositoriesNotConfigured() {
26	return false; //mock connection is always successful	26	return false; //mock connection is always successful
27	}	27	}
28		28	
29		29	
30		30	
31		31	
32		32	
33		33	
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46		46	
47		47	

**Google Code** google-gears-library A place to put interesting code related to Google Gears

Project Home Downloads Wiki Issues Source Trunk Administer

Checkout | Browse | Changes | Search Trunk

Source Path: [svn/](#) trunk

Directories	Filename	Size	Rev Date	Author
*trunk	gears_init.js	1.9 KB	r7 Today (4 hours ago)	daimaer
bin	index.html	4.4 KB	r7 Today (4 hours ago)	daimaer
jaxer/	sample.css	1.7 KB	r6 Today (22 hours ago)	daimaer
*lib				
*test	test.html	947 bytes	r6 Today (22 hours ago)	daimaer

gist: 686 - GitHub

Public Clone URL: [git://gist.github.com/686.git](http://gist.github.com/686.git)

**gist: 686** download fork Owner: [roblison](#)

**Revisions**

- 607642 Robert ... about a minute ago
- 76401 roblison 10 minutes ago

```

prime1.rb
1 # Calculate all the primes between 0 and the value specified
2 def primes(up_to)
3   prev = []
4   (1..up_to).select do |x|
5     max_p = Math.sqrt(x).truncate
6     if !prev.find { |y| y <= max_p ? x % y == 0 : break }
7       prev << x
8     end
9   end
10 end

prime2.rb
1 require 'mathn'
2 class Fixnum
3   # Returns true if self is a prime number
4   def prime?
5     max = Math.sqrt(self).ceil
6     max -= 1 if max % 2 == 0
7     pgen = Prime.new
8     pgen.each do |factor|
9       return false if self % factor == 0
10    end
11  end
12 end
  
```

sourceFORGE.net

**cvsv: viewcvs/viewcvs**

Current directory: [\[cvs\]](#) / [viewcvs](#) / [viewcvs](#)

Files shown: 8

File	Rev.	Age	Author	Last log entry
<a href="#">cgi/</a>				
<a href="#">contrib/</a>				
<a href="#">cvs/</a>				
<a href="#">html-templates/</a>				
<a href="#">lib/</a>				
<a href="#">templates/</a>				
<a href="#">tests/</a>				
<a href="#">tools/</a>				
<a href="#">tparse/</a>				
<a href="#">website/</a>				
<a href="#">windows/</a>				
<a href="#">www/</a>				
<a href="#">CHANGES</a>	1.10	4 weeks	cmplato	* viewcvs/CHANGES Forward port entries from the 0.9.x branch.
<a href="#">INSTALL</a>	1.33	7 months	rey4	Support relative images and links in checked out HTML pages when checkout_magic ...
<a href="#">README</a>	1.4	11 months	rey4	Update the documentation so it's no longer an impediment to a 1.0 release. There...
<a href="#">TODO</a>	1.9	3 years	pefu	removed some obviously resolved items and added a preface indicating that this ...
<a href="#">cvsgraph.conf.dist</a>	1.4	9 months	rey4	Generate CvsGraph image map links with get_uri function just like other links in...
<a href="#">standalone.py</a>	1.36	7 months	rey4	Replace dodgy os.dup calls with calls to os.dup2 * standalone.py (ViewCVS_Han...
<a href="#">viewcvs-install</a>	1.59	8 months	cmplato	* viewcvs-install Add support for DESTDIR installs, and support for --prefix a...
<a href="#">viewcvs.conf.dist</a>	1.33	6 months	cmplato	Sorta kinda revert my changes from Feb. 1 2005, when I stopped grouping direc...

Show files using tag:  (Show)

# Mail Lists

**dev@**

**commmits@**

**private@**

**users@**

# Wiki - Where to go to to RTFM

The screenshot shows the Confluence dashboard for a user named 'mike@allassian.com'. It features a navigation bar with 'HOME', 'SPACES', 'TEMPLATES', and 'ADMINISTRATION'. The main content area is titled 'Dashboard' and includes a 'Welcome To Confluence' message, a 'Your Spaces' table, and a 'Recently Updated Pages' table.

Space (Key)	Operations
Confluence Documentation (DOC)	[Icons]
Discussion Space (DISC)	[Icons]
Test Space (TEST)	[Icons]

Page Title (Space)	Modifier	Updated
Child Page2 (TEST)	Joe Walnes	Jan 19, 2004 07:05
Spaces (DOC)	David Loong	Jan 19, 2004 06:47
Pages (DOC)	David Loong	Jan 19, 2004 06:24
Categories in Confluence (DOC)	Charles Miller	Jan 19, 2004 06:05
Documentation Home (DOC)	Charles Miller	Jan 19, 2004 06:04
Confluence Problems and desired features (DISC)	David Valentine	Jan 19, 2004 05:51
Home (DISC)	Charles Miller	Jan 19, 2004 05:42
dave's child page (TEST)	David Loong	Jan 19, 2004 04:59
Guide to Confluence Macros (DOC)	David Loong	Jan 19, 2004 04:52
Confluence Markup (DOC)	David Loong	Jan 19, 2004 04:52

The screenshot shows the TWiki main page with a search bar and navigation links. It includes a 'What is TWiki?' section, a 'Main Web Utilities' section, and a 'TWiki Tip of the Day' box.

### What is TWiki?

TWiki is a flexible, powerful, secure, yet simple and effective web-based collaboration platform. Use TWiki to run a project development space, a document management system, a knowledge base or any other groupware tool either on an intranet or on the Internet. You can edit any TWiki page.

### Main Web Utilities

- [WelcomeGuest](#) - for first time visitors
- [Registration](#) - become a TWiki user
- [TheSiteMap](#) - for an overview of all of the webs at TWiki.org
- [TWikiUsers](#) - list of users of this TWiki site
- [TWikiGroups](#) - list of groups used for access control

The screenshot shows the MoinMoin Wiki front page in a browser window. It features a search bar, navigation links, and a main content area with sections for 'MoinMoin' and 'Overview'.

## Front Page

### MoinMoin

MoinMoin is a nice and easy WikiEngine with advanced features - said in a few words, it is about collaboration on easily editable web pages. MoinMoin is Free Software licensed under the GNU GPL.

### Overview

- [MoinMoinFeatures](#) documents why you really want to use MoinMoin rather than another wiki engine.
- [MoinMoinScreenShots](#) shows how it looks like. You can also browse [this wiki](#) or visit some other [MoinMoinWikis](#).

The screenshot shows the Chupei.pm Wiki homepage, which is powered by Kwiki. It features a 'Recent Changes' section, a 'Welcome to 竹北 Perl 推廣組 / Chupei.pm' message, and a 'Recent Events' section.

## Welcome to 竹北 Perl 推廣組 / Chupei.pm

### Recent Events

kwik::Markdown, kwik::Textile

Gugod released this two Formatter module: [Kwiki::Markdown](#) and [Kwiki::Textile](#).

chupei.pm.org 管用了 / is finally working

Finally we are now part of the pm.org.

[Newbook] Perl 學習手冊第四版出書了 / llama4::zh\_tw is released

Perl 學習手冊第四版 已於 2006 年 1 月出版了。本版是由 Gugod 接手 Taipei.pm 的第三版為基礎而進行。有空的話請去書店翻閱它吧 😊

zh\_tw version of llama4 is released in 2006, Jan. llama3 was translated by Taipei.pm, and based on the Gugod take over the translation work of its latter edition. Please give it a look when you're in the bookstore 😊

Powered by Kwiki::Emoticon

# Forums



[Features](#)
[Demo](#)
[Downloads](#)
[Support](#)
[Community](#)
[Styles](#)
[Mods](#)

[News | About | Home](#)

## Community

[FAQ](#)
[Search](#)
[Memberlist](#)
[Usergroups](#)
[Register](#)
  
[Profile](#)
[Log in to check your private messages](#)
[Log in](#)

### phpBB Support

Moderators: [Development Team](#), [Moderator Team](#), [Support Team](#)

Users browsing this forum: [Bullmax](#), [H.f.d.](#), [cauguste](#)

[newtopic](#)   [phpBB.com Forum Index -> phpBB Support](#)

Go to page [1](#), [2](#), [3](#) ... [2979](#), [2980](#), [2981](#) [Next](#)

[Mark all topics read](#)

Topics	Replies	Author	Views	Last Post
<b>Announcement: [README BEFORE POSTING] (updated)</b>	2	<a href="#">wanrecords</a>	60960	Tue Aug 26, 2003 11:54 am <a href="#">zowie</a>
<b>Announcement: Support Request Template</b>	0	<a href="#">Techie-Micheal</a>	19681	Fri Aug 15, 2003 1:38 pm <a href="#">Techie-Micheal</a>
<b>Announcement: www.phpbb.com rules and regulations</b>	0	<a href="#">psoTFX</a>	11210	Mon Mar 24, 2003 6:30 am <a href="#">psoTFX</a>
<b>Announcement: Security @ phpBB.com is NOT for support!</b>	0	<a href="#">theFinn</a>	10488	Mon Feb 24, 2003 9:33 am <a href="#">theFinn</a>
<b>Sticky: PHP 4.3.4 with MSSQL doesn't work with phpBB</b>	14	<a href="#">MagnusT</a>	3681	Fri Jan 30, 2004 12:00 pm <a href="#">Xax1979</a>
<b>Sticky: Parse errors in template.php, sessions.php and mysql4.php</b>	1	<a href="#">zeroK</a>	1749	Tue Jan 06, 2004 4:05 am <a href="#">Slew_Joe</a>
<b>Sticky: [README] How To Use The Search</b>	0	<a href="#">Dragonis</a>	5608	Wed Oct 29, 2003 8:38 am <a href="#">Dragonis</a>
<b>Sticky: MSSQL, PostgreSQL, etc. IGNORE error</b>	2	<a href="#">psoTFX</a>	12230	Fri Aug 29, 2003 10:09 am <a href="#">Black_Fluffy_Lion</a>
<b>parse error in index.php</b>	1	<a href="#">Powertech</a>	6	Sun Feb 01, 2004 4:56 pm <a href="#">Pat</a>
<b>Text height in the forums</b>	0	<a href="#">H.f.d.</a>	0	Sun Feb 01, 2004 4:49 pm <a href="#">H.f.d.</a>
<b>Email bug with Administrator Confirmation still exists?</b>	0	<a href="#">dideep</a>	4	Sun Feb 01, 2004 4:37 pm <a href="#">dideep</a>
<b>is this the right forum, or is this a mod? (avatars)</b>	2	<a href="#">linuxoverwindows</a>	32	Sun Feb 01, 2004 4:29 pm <a href="#">linuxoverwindows</a>

# Ticket System

The screenshot shows the JIRA web interface. At the top, there are navigation tabs: HOME, BROWSE PROJECT, END ISSUES, CREATE NEW ISSUE, ADMINISTRATION, PLANNING BOARD, and TASK BOARD. A search bar is visible on the right. The main content area is titled "Issue Navigator" and displays a list of issues. The table below shows the details of these issues:

ID	Key	Summary	Pr	Status	Res	Created	Updated
1	JIRA-10001	Documentation Suggestions	Low	Open	UNRESOLVED	05-Sep-06	07-Sep-06
2	JIRA-10002	Unable to add 'Anyone' to global permission 'jira-users' (REQUESTID 262444)	Low	Open	UNRESOLVED	05-Sep-06	05-Sep-06
3	JIRA-10003	Jira DB import and reindexing needs progress view page	Low	Open	UNRESOLVED	16-Oct-06	02-Sep-06
4	JIRA-10004	Change Oracle docs to not say to create a new database	Low	Open	UNRESOLVED	21-Aug-06	21-Aug-06
5	JIRA-10005	EstUserProperties has a key length bug in it on DB2	Low	Resolved	Fixed	20-Aug-06	21-Aug-06
6	JIRA-10006	3.13 doc updates (last commit + 5 August 2006 17:17, go-live 28 August 2006 17:17)	Low	In Progress	UNRESOLVED	05-Sep-07	27-Aug-06
7	JIRA-10007	Comment won't save	Low	Resolved	Handled by Support	20-Aug-06	21-Aug-06
8	JIRA-10008	Ability to see users currently logged in	Low	Open	UNRESOLVED	09-Sep-06	20-Aug-06
9	JIRA-10009	jdb-jdbc-jdb-server-name directions in ant/engine.xml is not correct for boss and external database	Low	Open	UNRESOLVED	18-Aug-06	18-Aug-06
10	JIRA-10010	Project import creates missing users in custom field value then prints ugly stacktraces in log when accessing the issueID value	Low	Resolved	Fixed	16-Aug-06	17-Aug-06
11	JIRA-10011	NPE when submitting comment	Low	Resolved	Fixed	14-Aug-06	15-Aug-06
12	JIRA-10012	System error using %21 in link with IE	Low	Resolved	Fixed	05-Nov-05	12-Aug-06
13	JIRA-10013	Bulk password set	Low	Open	UNRESOLVED	21-Nov-07	12-Aug-06
14	JIRA-10014	Improve the installer	Low	Open	UNRESOLVED	24-Aug-06	12-Aug-06
15	JIRA-10015	Database table backed custom field	Low	Resolved	Handled by Support	18-Jul-07	07-Aug-06
16	JIRA-10016	Create step-by-step instruction on creation of JIRA database in MS SQL 2005	Low	Open	UNRESOLVED	04-Aug-06	07-Aug-06
17	JIRA-10017	com.atlassian.jira.ComponentManager: An exception occurred while ComponentManager was initializing	Low	Resolved	Handled by Support	04-Aug-06	06-Aug-06
18	JIRA-10018	investigate/improve MS SQL Server setup instructions	Low	Resolved	Fixed	22-Oct-07	04-Aug-06
19	JIRA-10019	Jira postges database compition when two people make changes to the same issue at the same time.	Low	Resolved	Duplicate	09-Jul-06	21-Jul-06
20	JIRA-10020	Documentation: a user cannot login the old system if...	Low	Resolved	UNRESOLVED	14-Jul-06	21-Jul-06

The screenshot shows the Google Code Issues page for a project. The browser address bar shows the URL: <http://code.google.com/p/eforge/issues/list>. The page features a search bar and navigation tabs: Project Home, Downloads, Wiki, Issues, and Source. Below the navigation, there are links for "New Issue", "Search", "Open Issues", and "Advanced Search". A table of issues is displayed, showing details for 5 issues:

ID	Type	Status	Priority	Milestone	Owner	Summary + Labels
3	Enhancement	Accepted	Low	---	andrew.kirillov	Evaluate variables
4	Enhancement	Accepted	Medium	---	andrew.kirillov	Simplify expression
5	Enhancement	Accepted	Low	---	andrew.kirillov	Convert polish postfix expression to infix
6	Enhancement	Accepted	Low	---	andrew.kirillov	Comple expression
7	Enhancement	Accepted	Medium	---	andrew.kirillov	New population shuffling

The screenshot shows the Mantis Bug Tracker interface. At the top, there is a logo for MANTIS and a navigation menu: Main | My View | View Issues | Change Log | Roadmap | Docs | Wiki | ManTweet | Repositories. The main content area is divided into two columns: "Unassigned [^] (1 - 10 / 2006)" and "Resolved [^] (1 - 10 / 254)".

**Unassigned [^] (1 - 10 / 2006)**

- 00000282 Logging of user action (login, download, ...) feature - 2009-01-30 09:55
- 00000284 MantisConnect Webservice crashes when trying to get issue information api soap - 2009-01-30 07:43
- 00000284 EMail generation if not assigned bugtracker - 2009-01-30 07:02
- 00000281 CHANGE STATUS TO: Assigned vs ASSIGN TO ?? customization - 2009-01-29 23:37
- 00000280 New custom field types: "Version", "User" custom fields - 2009-01-29 22:52
- 00000280 Additional Custom-Field-Type "users" custom fields - 2009-01-29 22:49
- 00000285 Custom field "date" not saved silently custom fields - 2009-01-29 08:22
- 00000288 Change Resolve status and Assignment at the same time feature - 2009-01-29 05:41
- 00000284 Auto assign on resolve bugtracker - 2009-01-29 05:39
- 00000280 Automatic reassignment on status transition feature - 2009-01-29 05:39

**Resolved [^] (1 - 10 / 254)**

- 00000283 [phpmailer] class.phpmailer.php => private \$smtp is accessed by mantis email - 2009-01-31 14:37
- 00000286 Category national character upgrade - 2009-01-30 14:30
- 00000285 Database configuration does not correctly deal with array administration - 2009-01-30 11:18
- 00000280 Updating version field does not trigger history note administration - 2009-01-28 03:55
- 00000288 The "Show Content" link on attached tx file doesn't show text webpage - 2009-01-28 03:47
- 00000280 Links protected by brackets are not processed properly bugtracker - 2009-01-27 12:27
- 00000286 Problems with Russian language localization - 2009-01-27 11:40
- 00000284 Unable to set realname because of existing username administration - 2009-01-25 14:21
- 00000280 logging into the site with out entering login details security - 2009-01-24 12:44
- 00000283 Form Validate in JavaScript javascript - 2009-01-22 14:43

The screenshot shows the Bugzilla Main Page in Mozilla Firefox. The browser address bar shows the URL: <http://localhost/bugzilla/>. The page features a navigation menu: Home | New | Search | Reports | My Requests | My Votes | Preferences | Log out (jwallen@monkeypantz.net). The main content area contains a welcome message and a list of common actions:

- Search existing bug reports
- Enter a new bug report
- Summary reports and charts
- Change password or user preferences
- Log out (jwallen@monkeypantz.net)
- Add to Sidebar (requires a Mozilla browser like Mozilla Firefox)
- Install the Quick Search plugin (requires Firefox 2 or Internet Explorer 7)

At the bottom, there is a search bar with the text "Enter a bug # or some search terms:" and a "Find" button. The footer contains a list of actions: Home | New | Search | Reports | My Requests | My Votes | Preferences | Log out (jwallen@monkeypantz.net) | Edit: Parameters | User Preferences | Sanity Check | Users | Products | Flags | Custom Fields | Field Values | Groups.

# Continuous Integration

**BAMBOO** User: Edwin Wong Profile Logout Help

Home Authors Reports Create Plan Administration

### Panda Server

My Bamboo | All Plans | Current Activity

#### My Favourite Plans

View my status summary screen

**Bamboo** Collapse

- Acceptance tests > BAM-BAMFUNC-1225  
Run: 1 day ago | Updated by James.Roper | Duration: 34 minutes | Tests: 100 passed
- HEAD > BAM-MAIN-3824  
Run: 1 day ago | Updated by James.Roper | Duration: 6 minutes | Tests: 1324 passed

Bamboo Servers - 0 of 8 build plans failed Expand

#### My Broken Plans

Bamboo - 5 of 17 build plans failed Expand

Bamboo Servers - 0 of 8 build plans failed Expand

#### My Build Statistics

Builds triggered by edwin	Breakages and Fixes
Builds triggered by an author are those builds which contains changes committed by the author.	Broken means the build has failed but the previous build was successful. Fixed means that the build was successful but the previous build has failed.
All builds triggered: 654	Broken By: 93 (14% of all builds triggered)
Failed Builds: 265 (41%)	Fixed By: 66 (10% of all builds)

#### My Latest Changes

Build	Completed	Comments	Test Results
BAM-REMOTE-16-19	3 months ago	Bundling with Nant plugin (BAM-2382) Making sure that un-loaded plugins are handled properly (repository and builders). (BAM-2499, 2500) Fixing functional test. Svn touches were made against /bambootest/trunk/testBuild. Bamboo app expects /bambootest/trunk/testBuild/testBuild.	18 passed
BAM-REMOTE-281	3 months ago	Bundling with Nant plugin (BAM-2382) Making sure that un-loaded plugins are handled properly (repository and builders). (BAM-2499, 2500) Fixing functional test. Svn touches were made against /bambootest/trunk/testBuild. Bamboo app expects /bambootest/trunk/testBuild/testBuild.	18 passed
BAM-COVERAGE-95	3 months ago	Bundling with Nant plugin (BAM-2382) Fixing functional test. Svn touches were made against	No tests found

continuum

Login - Register

Continuum | Maven | Apache

#### Project Groups

Name	Group Id	Projects	Build Status
Apache MyFaces Trinidad	org.apache.myfaces.trinidad	10	10 0 0
Apache Tobago	org.apache.myfaces.tobago	31	31 0 0
Apache Tobago Nightly Build	org.apache.myfaces.tobago.nightly	1	1 0 0
Apache Tobago Site	org.apache.myfaces.tobago.site	1	1 0 0
Apache Trinidad Maven Plugins	org.apache.myfaces.trinidadbuild	18	18 0 0
MyFaces Core - JSF 1.1	myfaces-core-1.1	3	3 0 0
MyFaces Core - JSF 1.2	myfaces-core-1.2	4	4 0 0
MyFaces Shared 2.0	myfaces-shared-2.0	5	5 0 0
MyFaces Shared 3.0	myfaces-shared-3.0	4	4 0 0
Shale Framework 1.0	shale-framework-1.0	14	14 0 0
Shale Framework 1.1	shale-framework-1.1	14	14 0 0
Shale Master POM	shale-master-pom	0	0 0 0
Tomahawk Project	org.apache.myfaces.tomahawk	13	12 1 0

Copyright © 2005-2007 Apache Software Foundation

Dashboard Builds Administration

**cce-windows passed (44 minutes ago)**

Build Time: 27 Nov 2007 09:51 GMT +08:00 Duration: 7 minutes 40 seconds

Build: build.8

Artifacts Modifications Build Log Tests Errors and Warnings

#### Modifications

bestfriendchris [Chris & Gao Li] Fixed issue with queued inactive status.

- [rev. 3847] /branches/cce/cruisecontrol/reporting/dashboard/jsunit/tests/json\_to\_css\_test.html
- [rev. 3847] /branches/cce/cruisecontrol/reporting/dashboard/webapp/javascripts/json\_to\_css.js

#### Latest Builds

- 7 minutes ago build.9
- 44 minutes ago build.8
- about 17 hours ago build.7
- about 17 hours ago
- about 18 hours ago build.6
- about 18 hours ago build.5
- about 19 hours ago build.4
- 1 day ago build.3
- 1 day ago build.2
- 8 days ago build.1

# Client Side Tools

irc

skype™



m  
irc

chat

wechat

irssi  
the client of the future

# Follow the rules



# Your goals for contributing to OpenSource

- **Learn the tools**
- **Learn the code base and intimately know it**
- **Monitor the mail lists**
- **Find a small itch to scratch on a project**
  - Fix a bug
  - Offer to contribute some functionality
- **Learn to submit good patches and involve yourself**
- **Be helpful in the lists and on IRC**
- **Main Goal ---> Get commit!**

# Bringing the Open Source Way To Your Work



© Scott Adams, Inc./Dist. by UFS, Inc.

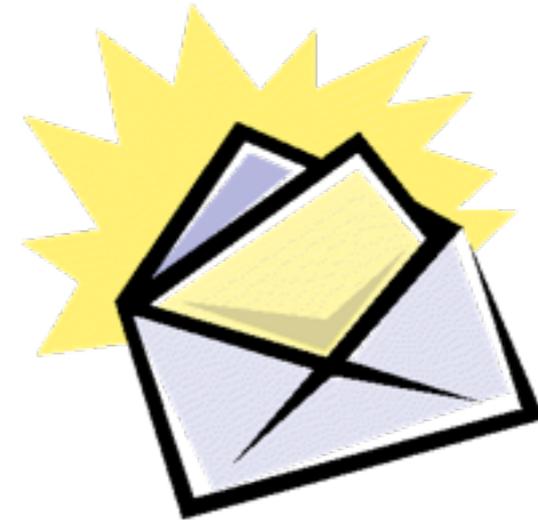
# What's the Open Source Methodology?



# **OpenSource Method - Pass the gate keeper first...**

- **Are you already using OpenSource technologies?**
- **Are you already Agile?**
- **Are others willing to play in a more Agile environment (or just you)?**
- **Is your boss cool?**

# Mimic It! THAT is the OpenSource Methodology



dev@ users@ commits@  
(no need for private@)



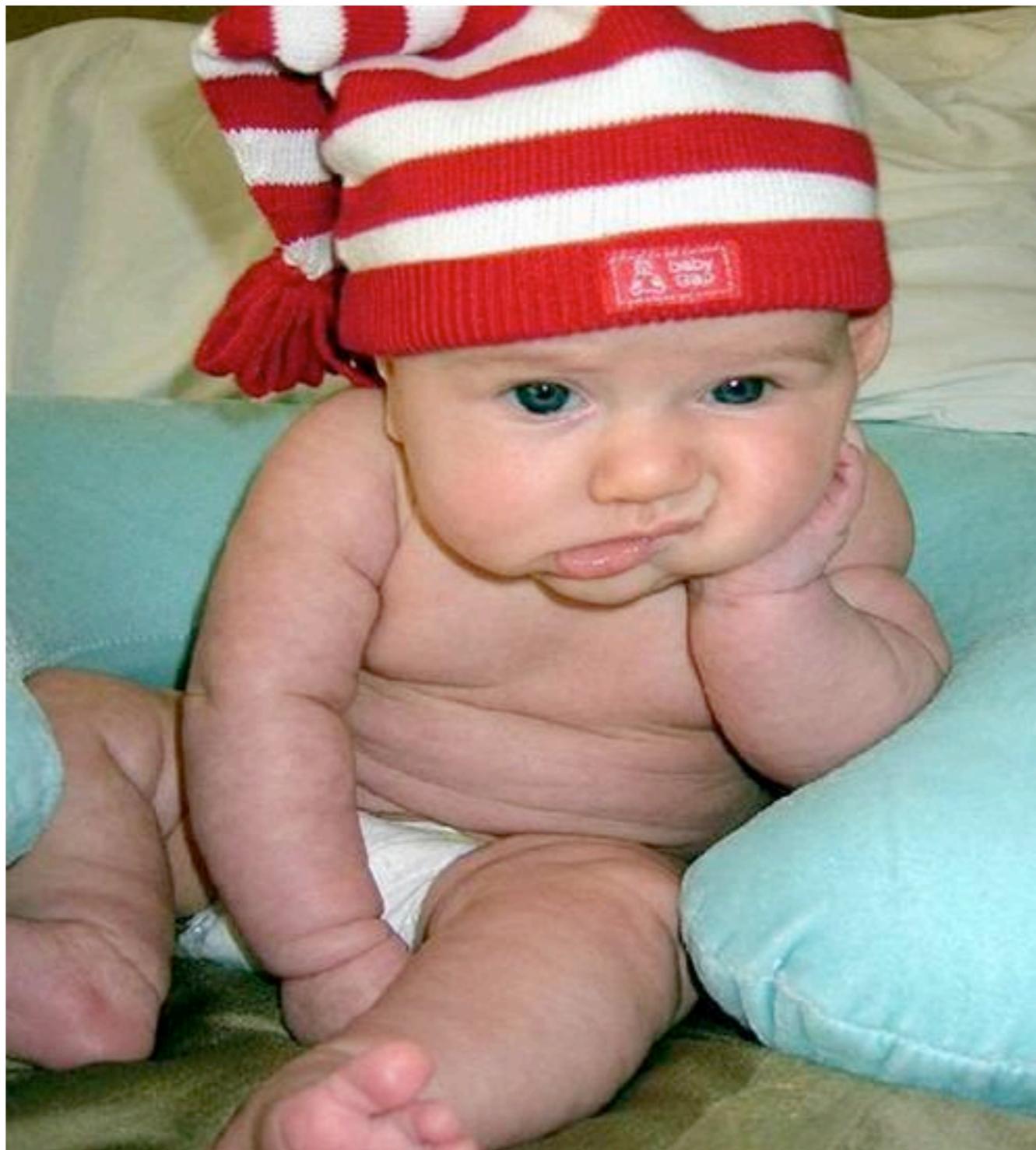
## Real Life Example #1



## Real Life Example #2



**Now what you have been waiting for...**



# Hey Jeff... How can I get paid to write OpenSource?



# How I did it - About me

**Jeff The Lowly Contractor**



**2004**



*axis*



APACHE

**GERONIMO**



**[jgenender@apache.org](mailto:jgenender@apache.org)**

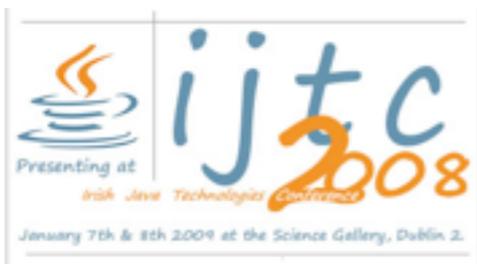
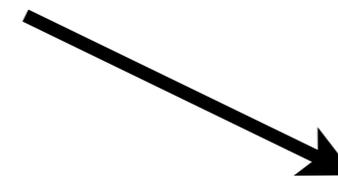
# And one thing led to another...



Websphere CE



JSR 316 - Java EE 6  
JSR 244 - Java EE 5



# And it kept on leading...



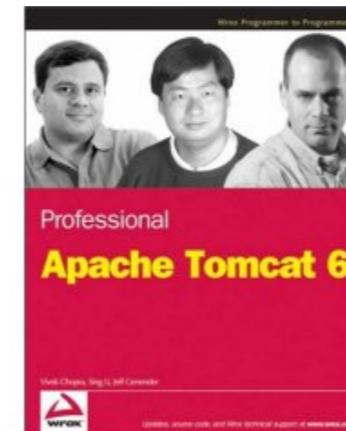
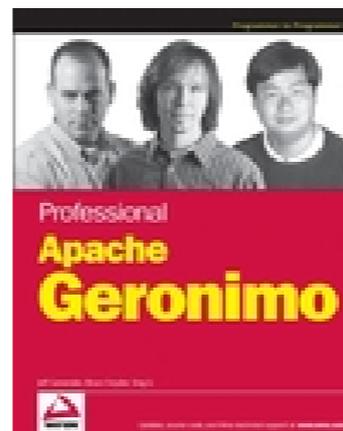
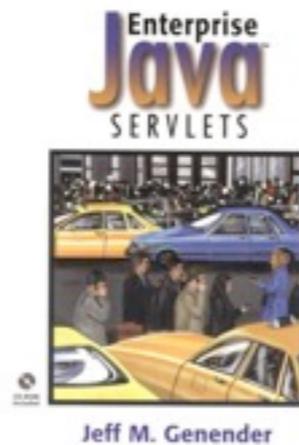
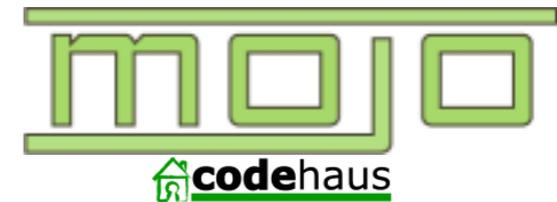
Apache CXF



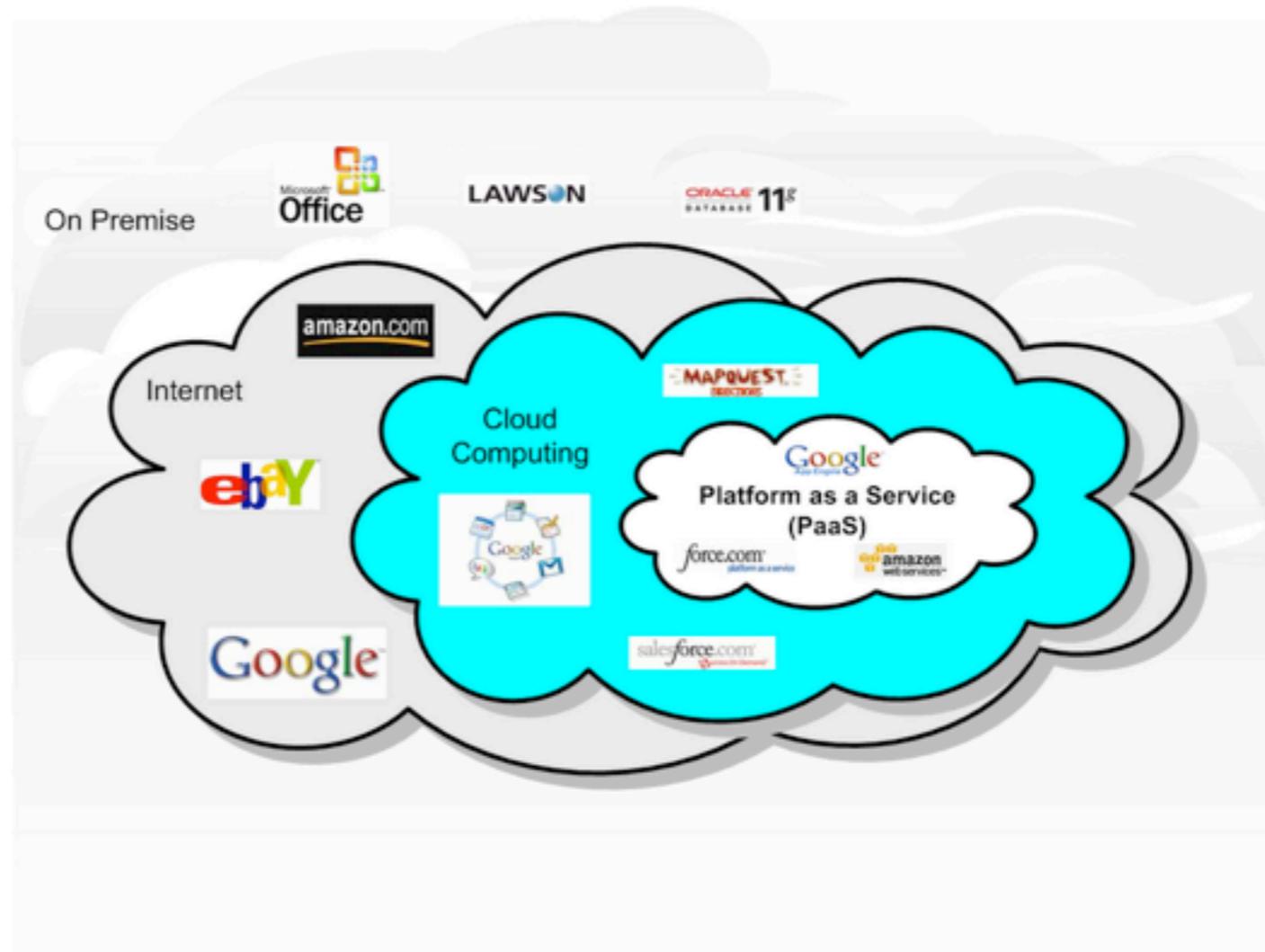
JSR 316 - Java EE 6



APACHE  
GERONIMO



# Tip #1 - Pick a project that has legs



## Tip #2 - Get Commit!



# How to get commit

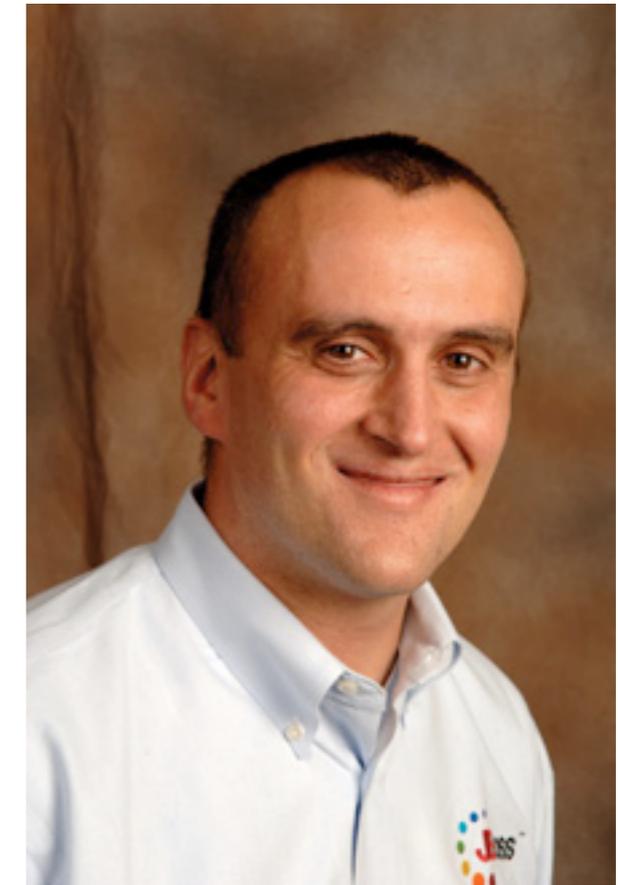
- **Learn and support how things are done on a project**
- **Learn politics... every project has them**
- **Be nice**
- **Get involved on mail lists and IRC**
- **Submit patches to fix bugs (check the bug tracker list)**
- **Discuss and submit a major component**
  - **This one can get you commit very very quickly**

## Tip #3 - Do conferences - Speak!

**Fat ugly  
guy here  
(Sweden 2008)**



## Tip #4 - Ego sucks



## Tip #5 - Keep at it



# Questions?



# Thank You!

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[jgenender at apache.org](mailto:jgenender@apache.org)

