

Eclipse Committer Bootcamp



Eclipse Committer Bootcamp

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Questions During (or After) the Presentation

Email: emo@eclipse.org

Companion Materials

https://wiki.eclipse.org/Development_Resources/Committer_Bootcamp

Eclipse Committer Bootcamp

Part I: Exploiting the Eclipse Development Process for Fun and Profit

http://eclipse.org/projects/dev_process

Agenda

- Open source rules of engagement
- Projects, Code, and Resources
- Who's Who
- Project Management Infrastructure
- Quiz

The Eclipse Development Process

- Open source rules of engagement
- Governance, structure, definitions, reviews
- General framework for projects
- Day-by-day development rules/process is defined by the project

Open Source Rules of Engagement

- Transparent
- Open
- Meritocracy

Transparent: Invite Participation

- Project discussions, minutes, deliberations, project plans, plans for new features, and other artifacts are open, public, and easily accessible
 - Use “dev” list for project-related discussion
 - Capture all work in Bugzilla records

Open: Accept Participation

- The same opportunity to all
- Everyone participates with the same rules
- There are no rules to exclude any potential contributors
 - Including direct competitors in the marketplace

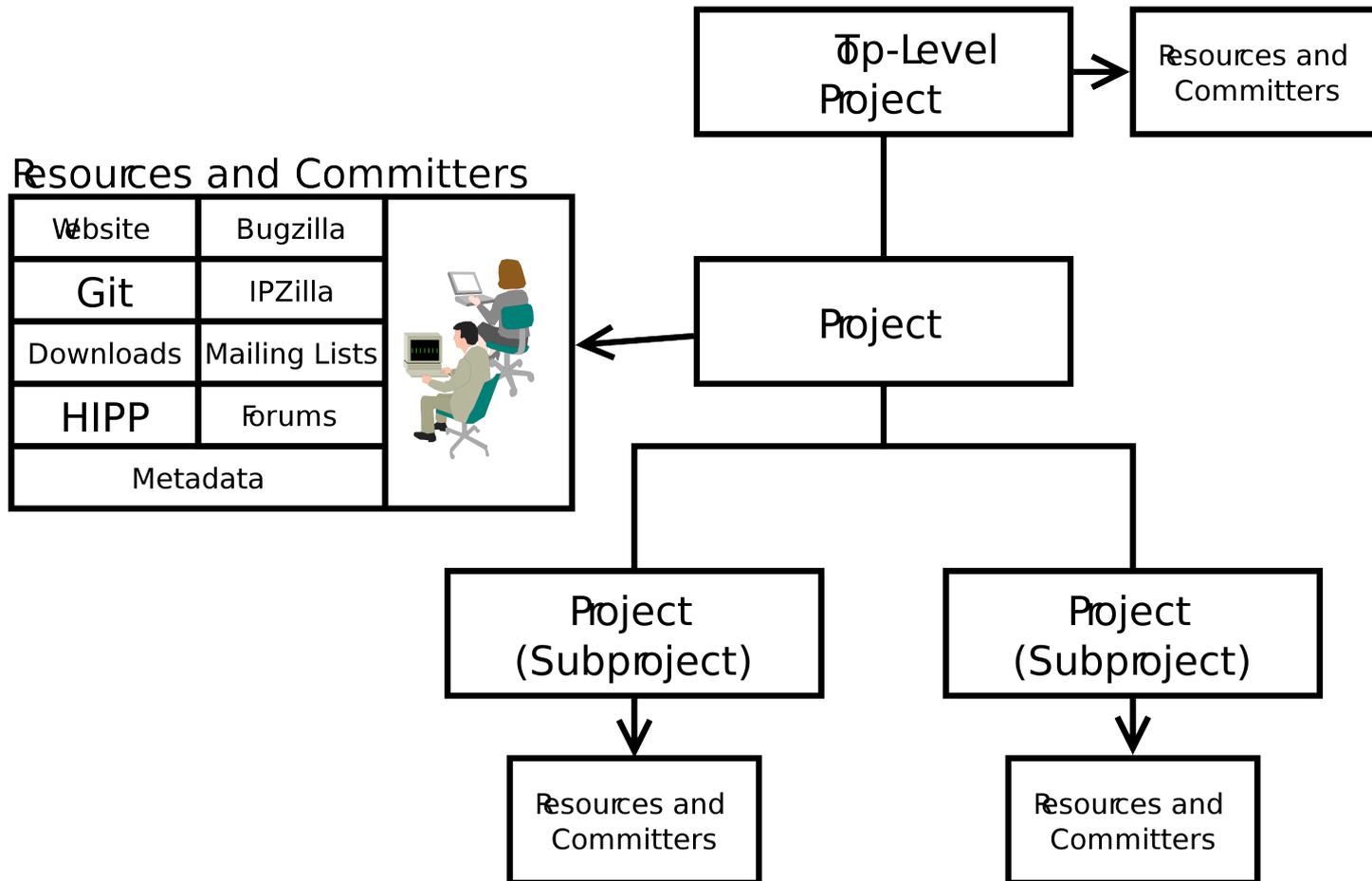
Meritocracy: Earn your Way in

- The more you contribute the more responsibility you will earn
- Leadership roles in Eclipse are also merit-based and earned by peer acclaim

Three Communities

- Users
 - Users are, well... users
- Adopters
 - Individuals, groups, organizations
 - Build products, extensions, based on your project
- Developers
 - Contributors, committers

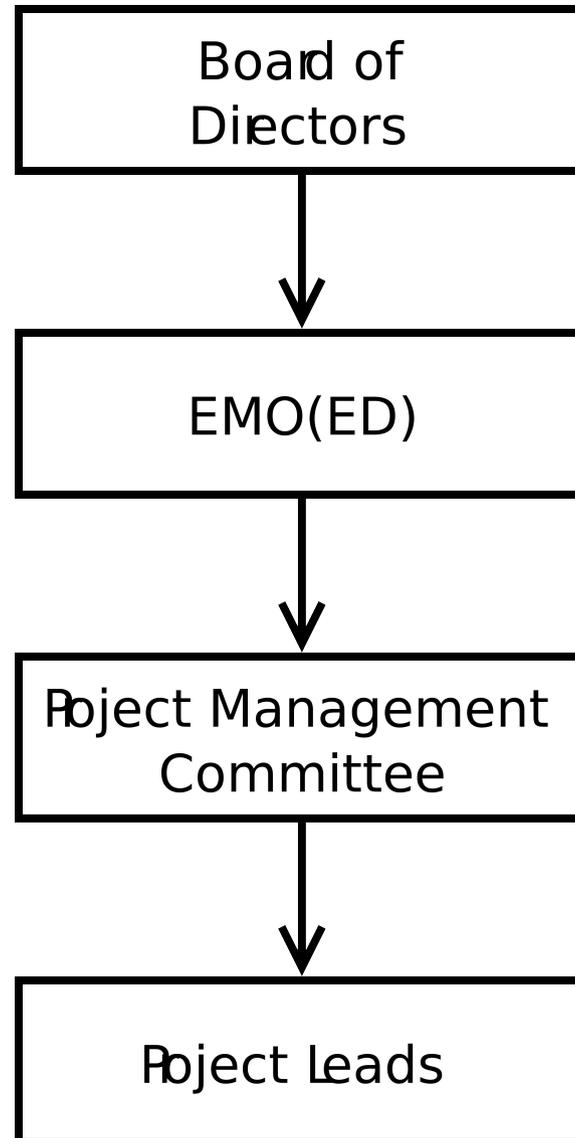
Projects, Committers, and Resources



Some Sharing

- A parent project may share:
 - Builds, Downloads
 - Website, mailing lists, and forums
- May not share:
 - Committers
 - Repositories, Bugzilla

Leadership Chain



Project Members

- Project Management Committee (PMC)
 - Oversight, IP process, various approvals
- Project Lead(s)
 - Leadership. Duh.
- Committers
 - Eclipse IP Due Diligence Process
 - Eclipse Development Process

Eclipse Management Organization (EMO)

- Eclipse Foundation Staff
- Architecture Council
- Planning Council
- EMO (ED): Executive Director
- Email: emo@eclipse.org

Architecture Council

- Stewards of the Eclipse Development Process
- Architectural oversight
- Best practices
- Mentors for new Eclipse projects
 - Use your mentors!

Planning Council

- Simultaneous Release
- Cross-project planning
- Architectural issues
- User interface conflicts
- Other coordination and integration issues

Project Metadata

- Project id
 - e.g. technology.egit, soa.winery, eclipse.jdt.ui
- Description, scope, logo, technology type
- Releases
- Relationships to other projects
- Build technologies

Project Metadata: The PMI

The screenshot displays the Eclipse SCADA project page. At the top, there is a navigation menu with links: Home, Downloads, Users, Members, Committers, Resources, Projects, and About Us. A search box with 'Google Custom Search' and a 'Search' button is located in the top right. The main content area features the Eclipse SCADA logo and a navigation bar with buttons for View, Downloads, Who's Involved, Documentation, Developer Resources, Contact Us, and Edit. A large red arrow points to the 'Edit' button. Below the navigation bar, there is a description of SCADA and a paragraph about Eclipse SCADA's primary target. A sidebar on the left contains 'Project Links' and 'Project Navigation' sections. A 'Top Level Projects' section at the bottom highlights 'Eclipse SCADA committers' with a red arrow. A small window titled 'Eclipse SCADA committers' is open, showing a list of links for contributor agreements, intellectual property, communication, and releases. A bar chart is visible at the bottom of the page.

<http://projects.eclipse.org/projects/<projectId>>

Project Metadata

- Description
 - Present tense
 - “elevator pitch”
- Scope
- Logo
- Categorization
- Links
- More...

[Home](#) » [Technology Project](#) » [Eclipse Git Team Provider](#)

Project Name *

Eclipse Git Team Provider

▶ [THE BASICS](#)

▶ [CATEGORIZATION, RELATIONSHIPS, AND TAGS](#)

▶ [SOURCE CODE](#)

▶ [BUILD](#)

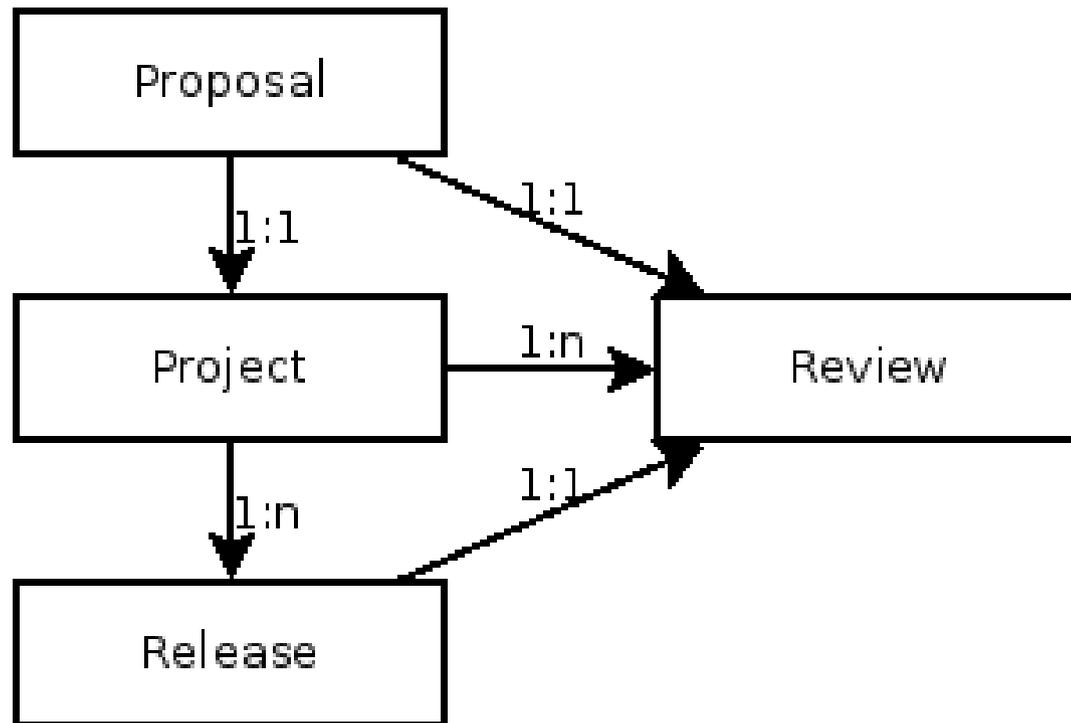
▶ [DOWNLOADS](#)

▶ [LINKS](#)

▶ [COMMUNICATION](#)

PMI: Releases and Reviews

- Releases and reviews have their own records



Defining a New Release

The screenshot displays the Eclipse SCADA web interface. The main content area is titled "Create a new release" and includes a breadcrumb trail: "Home » Technology Project » Eclipse SCADA". Below this, there is a note: "Create a new release. **Note that a review is required for all major and minor releases.** Please review the [release cycle](#) documentation." The form contains a "Release date" section with three dropdown menus set to "Mar", "12", and "2014". Below that is a "Name" section with an empty text input field and a note: "The release name must contain major and minor version numbers, and may contain a service number or information; e.g. '5.6 (Kepler)', '1.0.1'". At the bottom of the form are two buttons: "Create" and "Create and edit".

On the right side, there is a sidebar menu titled "Eclipse SCADA committers". It lists several categories of actions with corresponding links:

- Contributor Agreement**
 - [Validate Contributor CLA](#)
- Intellectual Property**
 - [Create a Contribution Questionnaire](#)
 - [Generate IP Log \(project\)](#)
 - [Review downloads](#)
- Communication**
 - [PMC Mailing list](#)
 - [Send Email to the PMC...](#)
 - [Send Email to the Dev List...](#)
- Releases**
 - [Create a new release](#)

A large black arrow points from the "Create a new release" link in the sidebar menu to the "Create" button in the main form. A red arrow points to the "Create a new release" link in the sidebar menu.

Release Metadata

- Name
 - e.g. “3.4”, “4.4”
- Description
 - Present tense
 - “Elevator Pitch”
- Release Date
- Release Type (major, minor, service)

Project Plans

[Home](#) » [SOA Platform Project](#) » [BPMN2 Modeler Project](#) » [1.0](#)

BPMN2 Modeler Project 1.0 Plan

[1.0](#)

Description:

The BPMN2 Modeler is a graphical modeling tool which allows creation and editing of [BPMN 2.0 spec](#) compliant diagrams. The tool is built on Eclipse Graphiti and uses the MDT BPMN2 project as the underlying model. This release represents the first stable version of the editor.

Version 1.0, while still not a final, polished product, is very stable and offers a very complete API that achieves the goals set for this release. The project leadership would like to thank the university researchers and community users who helped define and refine the editor API (you know who you are 😊) and for making BPMN2 Modeler a better product.

Deliverables:

- Generic BPMN2 editor
- jBPM extension plug-in
- Code samples and tutorials

Compatibility:

This, and all releases going forward, will only support Graphiti version 0.10.x and higher. If the Graphiti project releases a new version with breaking API changes, BPMN2 Modeler will be updated to support those new versions of Graphiti.

A new extension point has been added to allow an extension plug-in to provide its own Graphiti Tool Behavior. See [Bug 419406](#) for details.

The class hierarchy for Custom Tasks has been refactored to allow extension plug-ins to define custom extensions for BPMN 2.0 connection elements as well as shapes. See [Bug 416769](#) for details.

Also see the [New & Noteworthy](#) page for more information about compatibility issues.

Internationalization:

String externalization for all UI messages will be addressed in the next service release scheduled for end of Q4, 2013.

Target Environments:

This release requires Java 6 and is targeted for Kepler. Testing has been done on the following hardware/OS platforms:

- MS-Windows 7
- Fedora Linux 18
- Mac OS-X 10.8 Mountain Lion

Name	Date	Description
M1	2012/08/15	Initial Contribution
M2	2012/09/15	Milestone Build
RC1	2012/09/30	Release Candidate for 0.1.0
0.1.0	2012/10/15	Code Stabilization Release

- Description
 - Paragraph, no-bullets preferred
- Milestones
 - Name, date, description
- Themes
 - Bugzilla URLs
- Optional
 - Deliverables, Compatibility, Target Environments, Internationalization

Links and Stuff

- Cross Project Issues Dev mailing list
 - <https://dev.eclipse.org/mailman/listinfo/cross-project-issues-dev>
- Project-specific mailing lists
 - <https://dev.eclipse.org/mailman/listinfo/<short-name>-dev>
 - <https://dev.eclipse.org/mailman/listinfo/<pmc-short-name>-pmc>
- Development Resources
 - http://wiki.eclipse.org/Development_Resources
- The Eclipse Development Process
 - http://eclipse.org/projects/dev_process
- Project Metadata
 - https://wiki.eclipse.org/Project_Management_Infrastructure/Project_Metadata
- The Project Management Infrastructure
 - http://wiki.eclipse.org/Project_Management_Infrastructure
- Starting a Project
 - http://wiki.eclipse.org/Development_Resources/HOWTO/Starting_A_New_Project

The Eclipse Intellectual Property Process and You

Part II

Sharon Corbett

Manager

Intellectual Property Management

AGENDA

- Eclipse Intellectual Property Overview
- Meet the Eclipse IP Team
- Benefits
- Origin of Eclipse Code
- Necessary Rights
- Due Diligence Process Poster
- IPzilla

INTELLECTUAL PROPERTY

... a legal concept which refers to creations of the mind for which exclusive rights are recognized!

Eclipse Intellectual Property Management

Eclipse IP Policy ...

Designed to ensure we maintain the cleanliness of the Eclipse code base...

- *Necessary Rights*
- *Non Restrictive Licenses*

Meet the Team

Janet
Campbell

- Director of Intellectual Property
- Legal Counsel

Sharon
Corbett

- Intellectual Property Management

Pablo
Jacubovich

- Intellectual Property Analyst

Benefits of the Eclipse IP Management

- Risk Reduction
- Collaboration
- Adoption

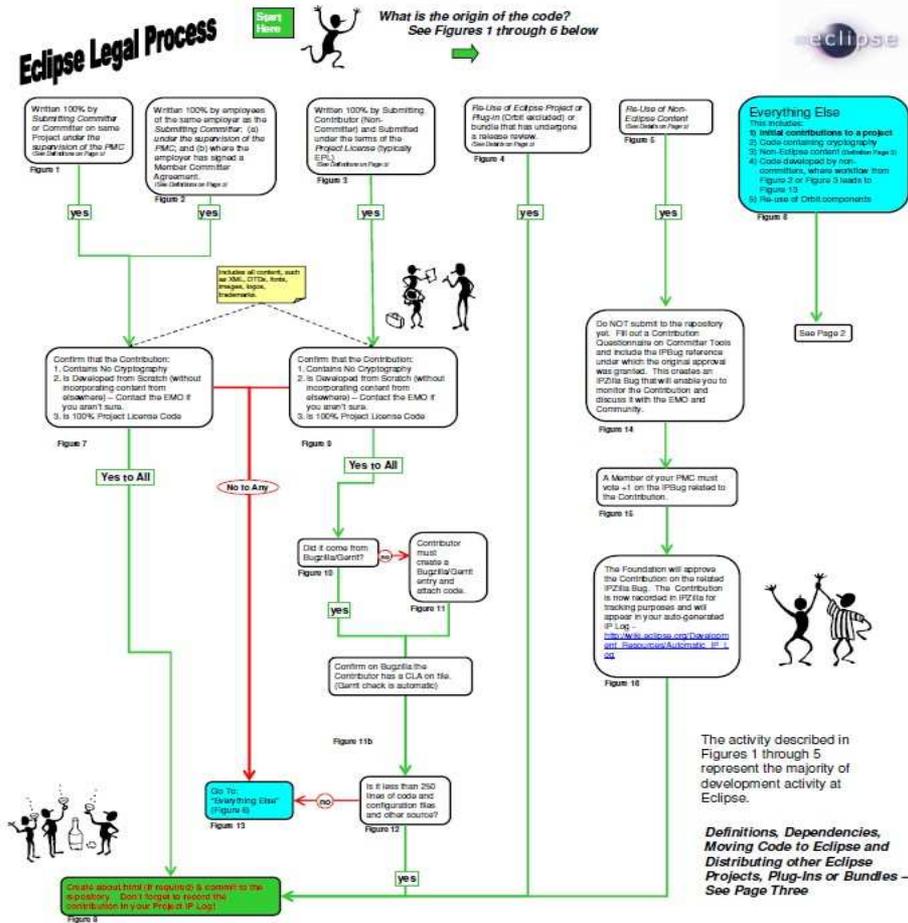
Origin of Eclipse Code

- Code originates from one of the following three sources:
 - Contributions from Eclipse Committers
 - Contributions from Contributors
 - Contributions from third party sources (e.g., another open source project)

Securing Necessary Rights

- Committers:
 - Individual Committer Agreement
 - Employer Consent Form (if individual is employed)
 - Member Committer Agreement
- Contributors:
 - Eclipse Contribution License Agreement (CLA)
- Third Party Sources (another open source project):
 - Project Contribution Mechanism in place?

Due Diligence Process



Eclipse Legal Process



Start Here

Everything Else
This includes:
1) Initial contributions to a project
2) Code containing copyleft
3) Non-Eclipse Content (see page 3)
4) Code developed by Non-Committer, whose workflow from Figure 2 or Figure 3 leads to Figure 15
5) Re-use of OREL components

Figure 8



Is the license EPL?
Figure 17

no

Is the license approved for use within Eclipse?
If uncertain, contact license@eclipse.org
Figure 19

yes

Do NOT submit to the repository yet. Fill out a Contribution Questionnaire on Committer Tools. This creates an IPZfile Bug that will enable you to monitor the Contribution and discuss it with the EMO and Community.
Figure 20

Attach related source code to your IPBug
Figure 21

A Member of your PMC must vote +1 on the IPBug Related to the Contribution
Figure 22

yes

Foundation confirms that it has received all necessary information and code & if the package uses a license not previously used at Eclipse, informs the Board.
Figure 23

no

Is your contribution eligible for parallel IP? A contribution is eligible for parallel IP if: (a) your project is incubating and in compliance with the logo guidelines for incubating projects. Confirming status is indicated by the following icon: or (b) In the case of mature projects, the contribution represents a minor change to a previously approved package.
Figure 24

yes

Is the License approved for use within Eclipse (based on the information provided by the Committer) and there are no other difficulties apparent from the code based on a high level review. See comment on Figure 19.
Figure 25

Make sure that you submit Contribution Questionnaire for EPL and non-EPL code separately, attaching the code to the related IPBug. Adding the following information to your Contribution Questionnaire will help speed review:
-Is the use: binary or source
-Is the use: in modified or unmodified form
-Is this a standard binary distribution or any you sub-setting?
-List all licenses that apply to the code
-If there is a single author? (obtaining an email from the author indicating they write 100% of the code and attaching it to your IPBug will speed review)
-Is there a clear mechanism by which contributors to the project agree to submit their code to the project under the license provided?
-If there was a change in license, did those changing the license get the permission of all of the original authors?
-If this code has been previously reviewed and approved for use in Eclipse, identify the bug that contains the prior approval, confirming that you are using the same related source code, and referencing that bug will help speed review



Be prepared for a delay in response based on workload; planning ahead is best.

EMO completes Due Diligence
Figure 26

Approved

Not approved

If applicable, Foundation advises Committer and Board of Approval (not Figure 25)
Figure 29

Foundation advises Committer of Non-Approval
Figure 31

If Non-Approval relates to incubating code in the repository, code must be re-reviewed.
Figure 32

Work with PMC to Examine Alternatives
Figure 33

For an unmodified binary distribution, the following licenses are considered approved as of the date of this Poster's release:

- Apache Software License 1.1
- Apache Software License 2.0
- W3C Software License
- Common Public License Version 1.0
- IBM Public License 1.0
- Mozilla Public License Version 1.1
- Common Development and Distribution License (CDDL) Version 1.0
- GNU Free Documentation License Version 1.3
- BSD
- MIT

Licenses that are not approved as of the date of this Poster's release include:

- GNU GPL v.0
- GNU LGPL
- Sun Binary Code License Agreement

Want to use a source distribution instead of a binary distribution? Want to distribute modified code? Want to use a license not contained in this list? Not certain of the answers? Contact license@eclipse.org.



Create about.html (if required) & commit to the repository. Don't forget to record the contribution in your Project IP Log! IP Due diligence will need to be completed before the contributing project can ship anything related to a release candidate or release.
Figure 27

Create about.html (if required) & commit to the repository. Don't forget to record the contribution in your Project IP Log!
Figure 30

0

Welcome to IPZILLA



IPZilla – Search for CQs

[Home](#) | [New](#) | [Search](#) | Jump to CQ #: | [Reports](#) | [My Requests](#) | [Preferences](#) | [Log out](#) sharon.corbett@eclipse.org | [Terms of Use](#)

Advanced Search

[Give me some help](#) (reloads page).

Summary: contains all of the words/strings

Product:	Component:	Target:
<input type="text" value="birt"/> birt datatools dsdp eclipse foundation-internal	<input type="text" value="IP_Discussion"/> IP_Discussion birt birt.ece datatools.connectivity datatools.enablement	<input type="text" value="---"/> --- 2007-10 2007-11 2007-12 2008-01

A Comment: contains the string

The URL: contains all of the words/strings

Keywords: contains all of the keywords

Status:	Resolution:	State:	Priority:
<input type="text" value="UNCONFIRMED"/> UNCONFIRMED NEW ASSIGNED REOPENED RESOLVED VERIFIED CLOSED	<input type="text" value="FIXED"/> FIXED INVALID WONTFIX DUPLICATE WORKSFORME MOVED ---	<input type="text" value="approved"/> approved awaiting_analysis awaiting_board_approval awaiting_committer awaiting_project awaiting_pmc awaiting_emo	<input type="text" value="P1"/> P1 P2 P3 P4 P5

Email Addresses and CQ Numbers

Any one of: <input checked="" type="checkbox"/> the CQ assignee <input type="checkbox"/> the reporter <input type="checkbox"/> a CC list member <input type="checkbox"/> a commenter contains <input type="text"/> <input type="text"/>	Any one of: <input checked="" type="checkbox"/> the CQ assignee <input checked="" type="checkbox"/> the reporter <input checked="" type="checkbox"/> a CC list member <input type="checkbox"/> a commenter contains <input type="text"/> <input type="text"/>
---	---

Only include CQs numbered:
(comma-separated list)

CQ Changes

Only CQs changed between: and Now
(YYYY-MM-DD or relative dates)

where one or more of the following changed:

Alias
Assignee
CC list accessible?

and the new value was:

11

Continued

- In Part V, we will dive into the Eclipse Due Diligence Services in greater detail!

Eclipse Committer Bootcamp

Part III: Provisioning & Server Resources
<http://eclip.se/q>

Agenda

- The team
- Server infrastructure overview
- You Eclipse Foundation account, committer ID
- Project provisioning process
- Committing your initial contribution
- Interacting with users and other developers
- Asking for help
- Quiz

Your Webmaster Team

- Matt Ward – Server Samurai



- Thanh Ha – Build Guru / Git Ninja



- Denis Roy – Just Some Guy



- Web Developers: Chris Guindon
& Edouard Poitras

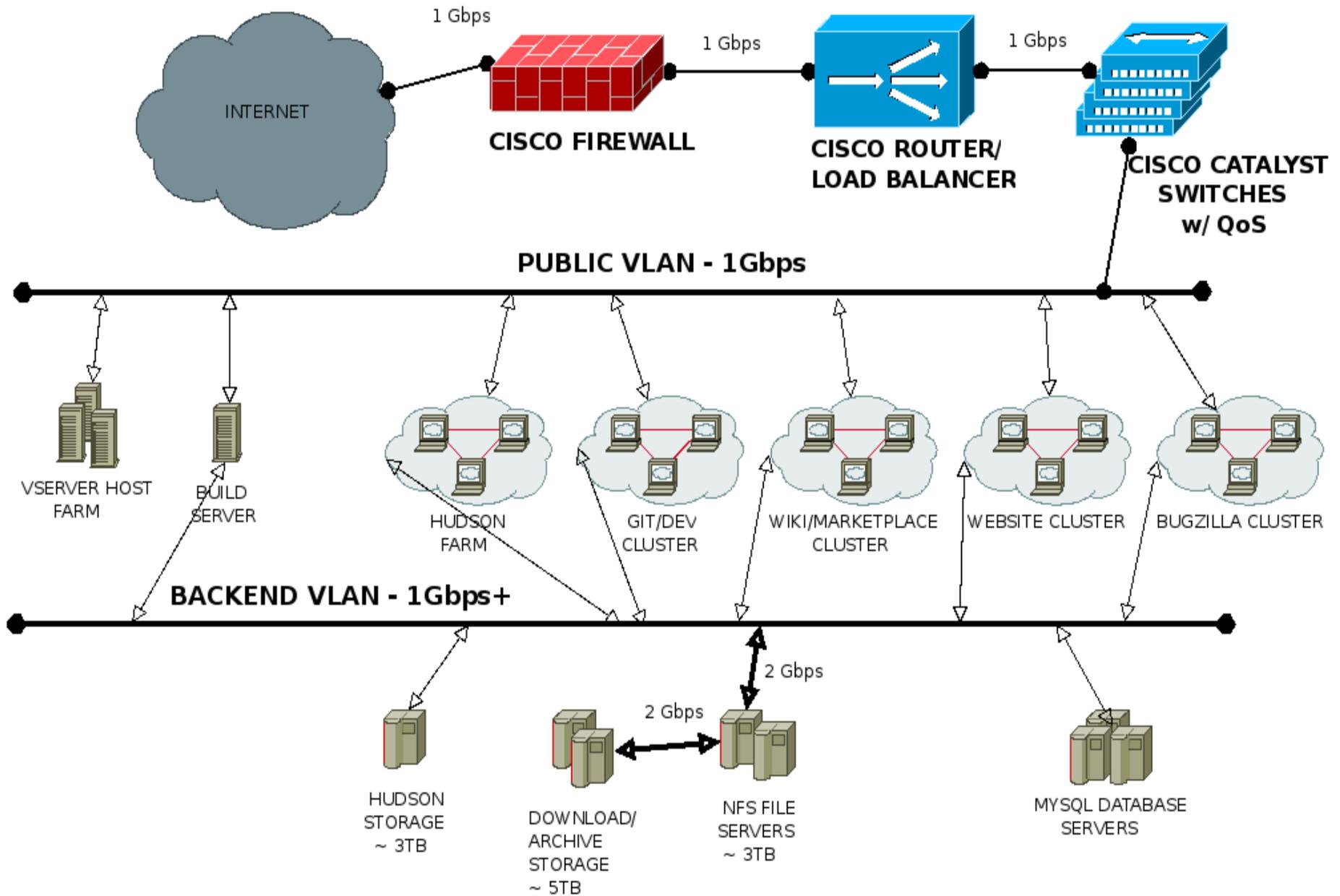


webmaster@eclipse.org

Server Infrastructure

- 3 Cabinets in Ottawa, Canada
- 60 kW redundant AC power
- 1 Gbps backends
- 1 Gbps BGP-4 bandwidth (rate limited)
- 45 TB/month
- 45M web pages/month (www & wiki)
- Download servers: 9M files/day (14M hits)
- ~60 download mirrors worldwide
- 99.995% service availability

ECLIPSE.ORG SERVER INFRA - OCTOBER 2013



Source Code: Git, Gerrit



index : eclipse.platform.git

master

Kim Moir

[summary](#) [refs](#) [log](#) [tree](#) **commit** [diff](#) [stats](#)

author Thanh Ha 2013-10-21 11:36:45 (EDT)
committer David Williams 2013-10-23 11:01:11 (EDT)
commit [8b4c71a541ba8c28957c800e3395ababeaf317d9](#) (patch) (side-by-side diff)
tree [528bc9c4efd0d0c3a67afdf950edf58a84cfce4e](#)
parent [71fdc434696b16c82fe0bf6f48ff0eb183d2303b](#) (diff)
download [eclipse.platform-8b4c71a541ba8c28957c800e3395ababeaf317d9.zip](#)
[eclipse.platform-8b4c71a541ba8c28957c800e3395ababeaf317d9.tar.gz](#)
[eclipse.platform-8b4c71a541ba8c28957c800e3395ababeaf317d9.tar.bz2](#)

Bug 419503 - Dirty working tree: about.mappings

Signed-off-by: Thanh Ha <thanh.ha@eclipse.org>

Diffstat ([more/less context](#)) ([ignore whitespace changes](#))

-rw-r--r--	platform/org.eclipse.platform/about.mappings	2	
-rw-r--r--	platform/org.eclipse.platform/pom.xml	25	

<http://git.eclipse.org>

Gerrit Code Review

- Any contributor can push to Gerrit repository
- Review/vote before merging with master
 - Committer votes
 - Hudson “votes”

<http://git.eclipse.org/r>

<i>Change-Id:</i>	I9dee799fad90804cfc2fd0ec796c2efa91de584a 
<i>Owner</i>	Frank Becker
<i>Project</i>	mylyn/org.eclipse.mylyn.tasks
<i>Branch</i>	master
<i>Topic</i>	
<i>Uploaded</i>	Oct 10, 2013 2:46 PM
<i>Updated</i>	Oct 10, 2013 3:17 PM
<i>Submit Type</i>	Fast Forward Only
<i>Status</i>	Review in Progress

<i>Commit Message</i>	
372592: support Bugzilla 4.2	
Change-Id: I9d	
Task-Url: http	

<i>Reviewer</i>	<i>Verified</i>	<i>Code-Review</i>	<i>IP-Clean</i>
Hudson CI		-1	

- Need Verified
- Need Code-Review
- Need IP-Clean

▼ **Dependencies**

<i>Subject</i>	<i>Owner</i>	<i>Project</i>
Depends On		
372600: create new storage structure	Frank Becker	mylyn/org.eclipse.my
Needed By		
(None)		

Contributions and Community

- Contributions come in through Bugzilla or Gerrit
- CLA (Contributor License Agreement)
- Everyone must sign-off!

All **My** Projects People Plugins Documentation

Changes Drafts Draft Comments Watched Changes Starred Changes

Change-Id:	1b9dc4576bf64ad84fc2f2485184bd7d6a41e6f0a
Owner	Denis Roy
Project	websites/events.eclipse.org
Branch	master
Topic	
Uploaded	Oct 18, 2013 2:46 PM
Updated	Oct 18, 2013 2:47 PM
Status	Merged

★ Commit Message [Permalink](#)

Initial commit - eclipse.org-common & index.html

Signed-off-by: denis <denis.roy@eclipse.org>

Reviewer	Verified	Code-Review	IP-Clean
Denis Roy	✓	✓	✓

Attachments		
Picture showing the bug (117.00 KB, image/png) 2013-09-10 07:47 EDT, Dani Megert ✓ CLA	no flags	Details
Add an attachment (proposed patch, testcase, etc.) Show Obsolete (1) View All		

CLA

- <http://projects.eclipse.org>

The screenshot shows the Eclipse Webmaster website. On the left is a 'Project Navigation' sidebar with a list of 'Top Level Projects' including Business Intelligence and Reporting Tools (BIRT), Data Tools Platform, Eclipse Project, Eclipse Modeling Project, Mylyn, RT, SOA Platform Project, Technology Project, Tools Project, and Eclipse Web Tools Platform Project. At the bottom of the sidebar is a magnifying glass icon and a 'View all Projects' button. The main content area has a 'Home' link and the title 'Eclipse Webmaster'. Below the title is a navigation bar with 'View', 'Contributor License Agreement', and 'Edit' options. A prominent green box contains an 'Important Message' with a document icon and the text: 'In order to contribute code to an Eclipse Foundation Project you will be required to sign a Contributor License Agreement (CLA)'. Below the message are three links: 'What is a CLA?', 'Sign your CLA', and 'Disable this message'. At the bottom, there is a 'Personal Information' section with labels for 'First Name:' (with the value 'Eclipse') and 'Last Name:'. To the right of this section is a silhouette icon representing a user profile.

Issue Tracker: Bugzilla

Bug 401288 - Require possibility to specify workspace (data) directory of tests to run. ([edit](#))

Save Changes

Status: RESOLVED FIXED ([edit](#))

Reported: 2013-02-20 05:16 EST by [Johann Draschwandtner](#) **CLA**

Product: Tycho

Modified: 2013-05-03 08:26 EDT ([History](#))

Component: Core

CC List: Add me to CC list
4 users ([edit](#))

Version: 0.16.0

Hardware: All All

See Also: ([add](#))

Importance: P3 ([vote](#))

Attachments

proposed fix (1.34 KB, patch) 2012-07-27 13:06 EDT, Pedro Larios CLA	<i>no flags</i>	Details Diff
Add an attachment (proposed patch, testcase, etc.) View All		

Target Milestone: 0.17.0

Assigned To: [Jan Sievers](#) **CLA** ([edit](#)) ([take](#))

QA Contact: ([edit](#)) ([take](#))

Additional Comments:

Status: NEW

Save Changes

[Mark as Duplicate](#)

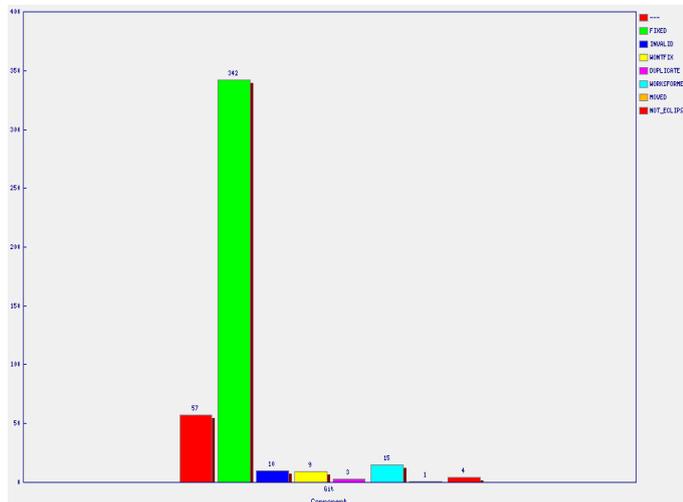
[Pedro Larios](#) **CLA** 2012-07-27 13:00:26 EDT

[Description](#) [[reply](#)] [-]

Build Identifier: 2.0.4

SWTBotTable.columnCount returns 0 when there are no columns, or when a TableColumn has not been explicitly created. This causes the selection method to return a TableRow item with no text even though the selection is valid in the table widget.

Reproducible: Always



User Community: Forums

	How Install Spring in Eclipse 3.7 By: Missing name Mising name on Tue, 08 October 2013	2	230	Tue, 08 October 2013 11:36 By: Missing name Mising name ↻
	Installed the standard version of eclipse, Do I have to install jre else? standard, jre, By: Zhg Mising name on Mon, 07 October 2013	11	389	Tue, 08 October 2013 07:31 By: Zhg Mising name ↻
	What is different between Standard version and IDE for developer? distinct among versions of ide By: Zhg Mising name on Sun, 06 October 2013	15	648	Tue, 08 October 2013 04:01 By: Zhg Mising name ↻
	Eclipse + Blackberry + Phonegap project Run Phonegap OTA in Eclipse By: Paul Kilroy on Mon, 07 October 2013	0	781	Mon, 07 October 2013 23:17 By: Paul Kilroy ↻
	wiki.eclipse.org/Eclipse.ini By: Russell Bateman on Mon, 07 October 2013	2	243	Mon, 07 October 2013 17:37 By: Russell Bateman ↻

	 does eclipse support javascript autocomple...		ray zhang	10/09/2013 01:55
	 Auto Numbering		awdesh parihar	05:10 AM
	  Jetty support on WinCE		Jay Bhatt	08:27 AM
	 Need help getting started with dandelion pl...		Paul Bowyer	08:27 AM
	  Cannot Find the Download link		Jayant Rajpurohit	08:44 AM
	 Eclipse + OpenKM		Ralph Laskowski	09:24 AM
	  Re: Cannot Find the Download link		Denis Roy	09:39 AM
	  Eclipse Suddenly Won't Start Up		Mike McGuire	11:57 AM

Developer Community: Mailing Lists

Mailing list: jubula-dev

Jubula platform and tools development

About jubula-dev

Jubula platform and tools development

Using jubula-dev

To post a message to all the list members, send email to jubula-dev@eclipse.org. You must be subscribed to the list be this list, visit the [jubula-dev Archives](#) or subscribe to this list's [RSS feed](#) .

Subscribing to jubula-dev

All contributions you make to our web site are governed by our [Terms Of Use](#). Your interactions with the Eclipse Foundati provide us about yourself are governed by our [Privacy Policy](#).

Subscribe to jubula-dev by filling out the following form. You will be sent email requesting confirmation, to prevent others f hidden list, which means that the list of members is available only to the list administrator.

Your email address:

Your name (optional):

You may enter a privacy password below. This provides only mild security, but should prevent others from messing with subscription. **Do not use a valuable password** as it may be emailed back to you in cleartext.

List archive of Jubula-dev for September 2013

[List Home](#) [2013](#) [Index for all years](#)
[<< Previous Month](#)

Search jubula-dev for:

September 15:

- [\[jubula-dev\] \[Hudson\] Hudson build is back to normal : jubula-nightly #1374](#)- Posted 1:07 PM(ET) hudsonbuild
- [\[jubula-dev\] \[Hudson\] Build failed in Hudson: jubula-nightly #1373](#)- Posted 11:48 AM(ET) hudsonbuild

[<< Previous Month](#)

Accounts

- Committer ID vs. Email ID
- Committer ID for SSH & Portal
- Email for everything else
- This is Open Source -- Email addresses are shown!

Eclipse Foundation Forges

eclipsecon **Europe 2013** REGISTER NOW
Ludwigsburg, Germany
29 - 31 October 2013

Visit other Eclipse Sites

mp mp mp mp mp mp mp mp

Home Downloads Users Members Committers Resources Projects About Us

Search

LocationTech

Home Projects Members Events Steering Committee Contact Us About Us

OPEN SOURCE LOCATION AWARE TECHNOLOGY FOR THE ENTERPRISE

- Grow you Community, Grow your Business
- High performance event processing
- Big Data Analytics
- Mobile Applications
- Open to All, Mature Governance with High Transparency

CLAVIN -- an open source

POLARSYS
Open Source Tools for Embedded Systems

Home About News and Events Projects Technologies Safety Critical

PolarSys Working Group

- Open Innovation to create better methods and tools
- Software tools for critical systems
- Interoperability based on Open Standards
- Fostering of exchanges between academics and industrial partners
- Quality and maturity assessment
- Very Long Term Support for more than 10 years

Component Highlight
TOPCASED migrates to PolarSys

Events
PolarSys networking event in Montréal

m2m eclipse.org Frameworks Protocols Tools Community Live demo

m2m.eclipse.org

m2m.eclipse.org is where you can learn about the technologies developed at Eclipse to make Machine-to-Machine (M2M) development simpler.

These technologies aim at establishing an open, end-to-end, M2M

< **mihini**

Project Provisioning process

- Project space: Git, www.eclipse.org, Bugzilla, Mailing Lists, Forum
- Committing IP-approved Initial Contribution to git.eclipse.org
- Culling history on Github-hosted repos

Project Website

Home Downloads Users Members Committers Resources Projects About Us Search

web tools platform

About WTP
Source Repositories, PMC, Committers and more...

Documentation
Help Docs, FAQ, Plans, New and Noteworthy

Community
Wiki, Forum, Mailing List, Resources, Education

Downloads
Eclipse Java EE package, WTP Builds, Kepler Update Site

Project News RSS 2.0

- **WTP 3.5.1 Released!**
Posted Sep 27, 2013 | [Permalink](#)
The Web Tools Platform's 3.5.1 Release is now available!
[Installation](#) and update can be

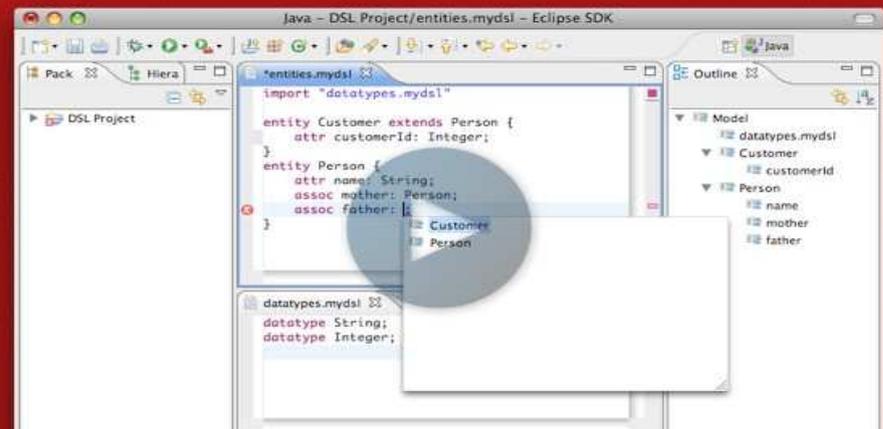
users **adopters** **committers**

Xtext News Download 7 Languages Documentation Community Xtend Eclipse.org

LANGUAGE DEVELOPMENT MADE EASY!

Building your own domain-specific languages has never been so easy. Just put your grammar in place and you not only get the working parser and linker but also first class Eclipse support.

 [Download](#)



Interacting With Others

- Dev lists for committers (typically)
- Forums for user discussions (again, typically)
- Eclipse.org-committers mailing list
- Cross-project-issues-dev mailing list
- Bugzilla – Eclipse Foundation > Community
- webmaster@eclipse.org (Servers & Infra)
emo@eclipse.org (Project, community & process)

Eclipse Committer Bootcamp

Part II: Managing Your Project

http://eclipse.org/projects/dev_process

Agenda

- Community development
- Elections
- Releases, plans, and reviews
- IP Logs
- Quiz

Writing code is fun, but...

- Open source rules of engagement
 - Transparency, openness, meritocracy
- Have project-specific diversity goals
 - Building diversity takes work
- Actively court contributors
- Be responsive when they do come
 - “Kill with kindness”

Pragmatically Speaking...

- Keep project information up-to-date
 - Project and release metadata, website, downloads
- Project code must be buildable
- Have a contribution guide
 - “Getting started”
 - CONTRIBUTING file in project repositories
 - <https://bugs.eclipse.org/397644>

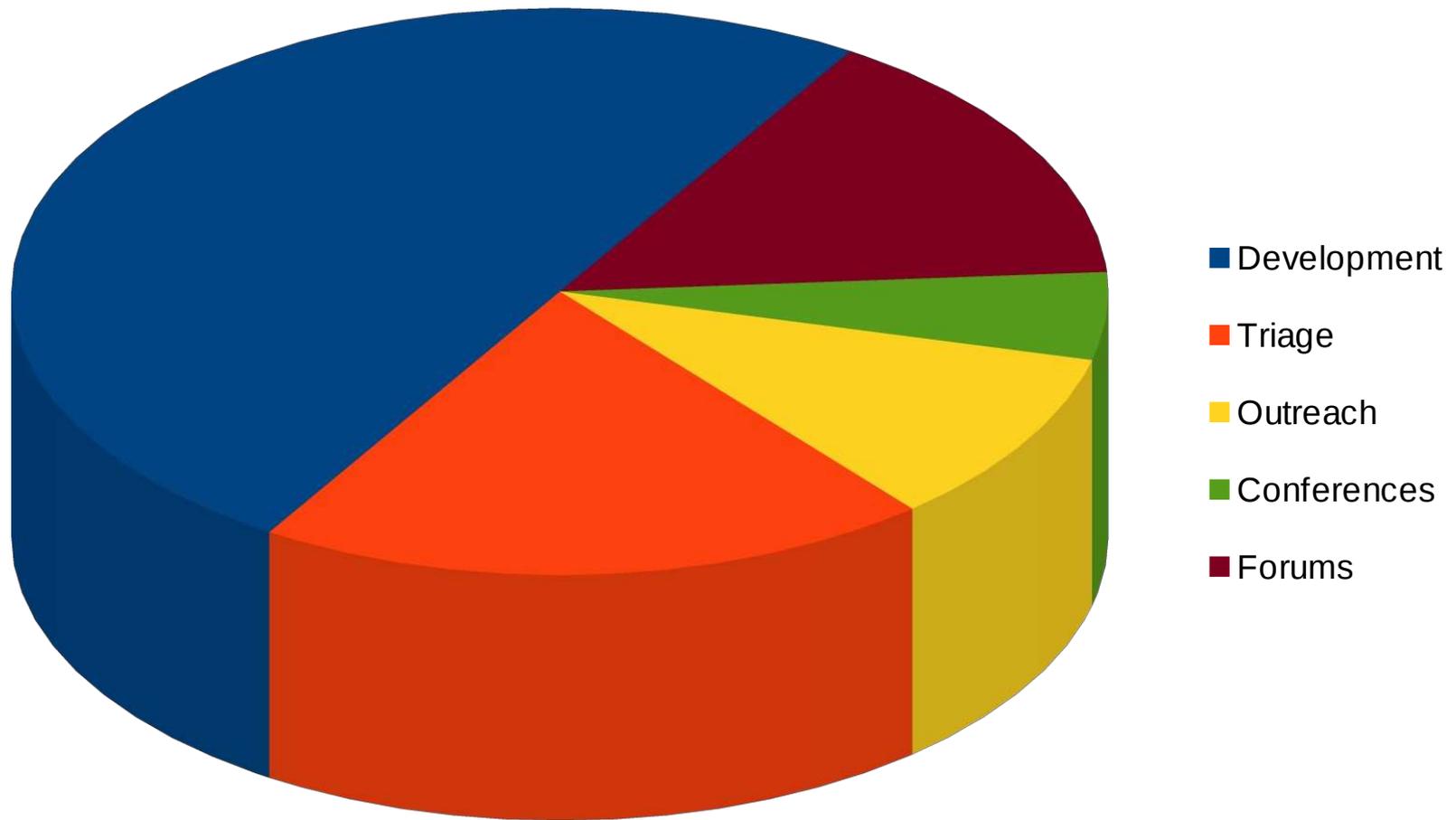
Contribution Guide

- Git, Gerrit, GitHub, ...
- Issue tracking (Bugzilla)
 - “Help wanted” issues
- Project plan
- How to build
- How to engage (mailing lists, forums, Bugzilla)

Outreach

- Present at conferences
- Social media: Blog, tweet, ...
- Author papers, articles, ...
- You know your community best
 - Where do they hang out?
- Help potential contributors find you
 - Serving one community can build another
 - e.g. A happy user community builds the adopter community; a large adopter community drives contribution

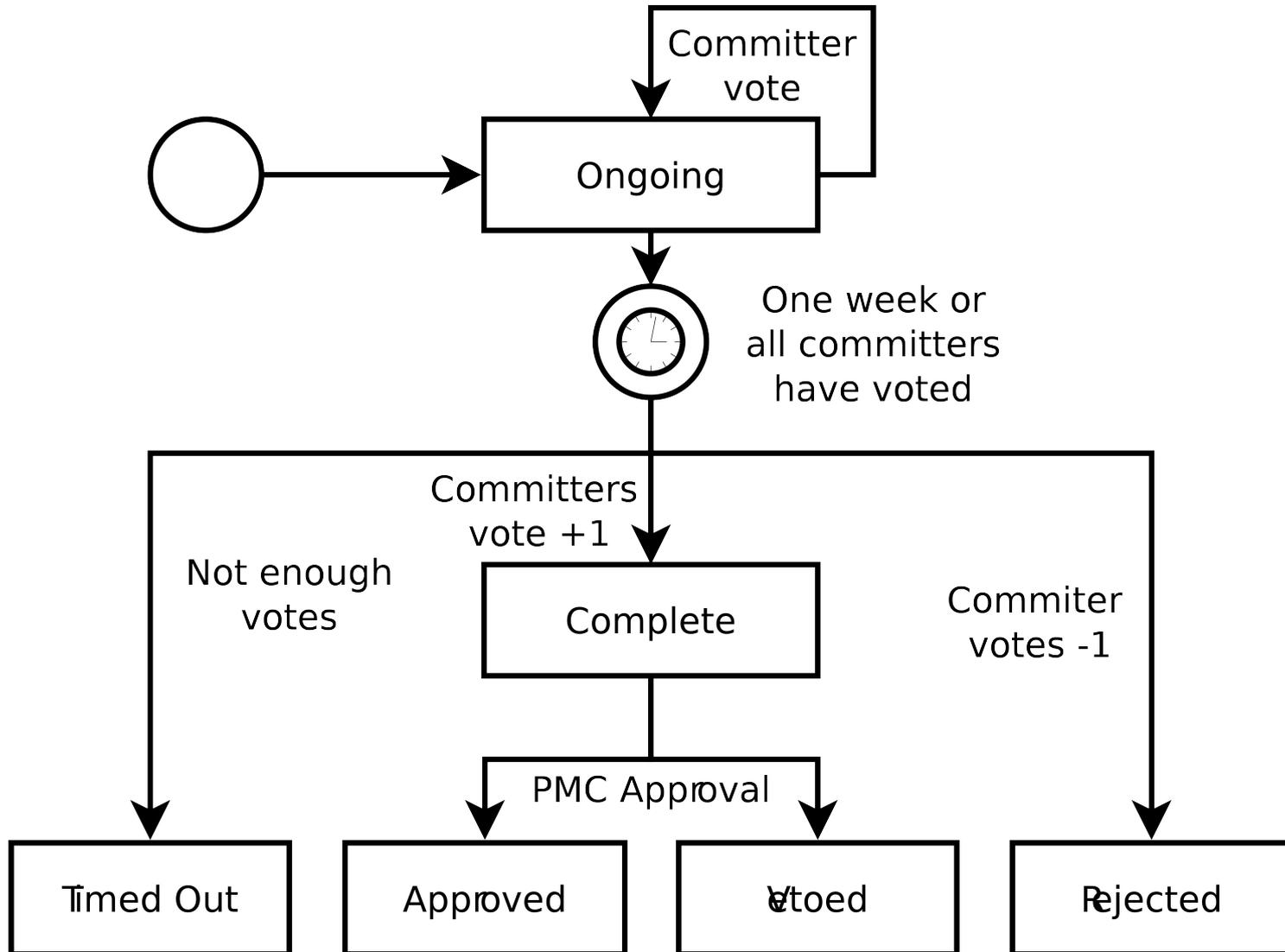
Spend Time With the Community



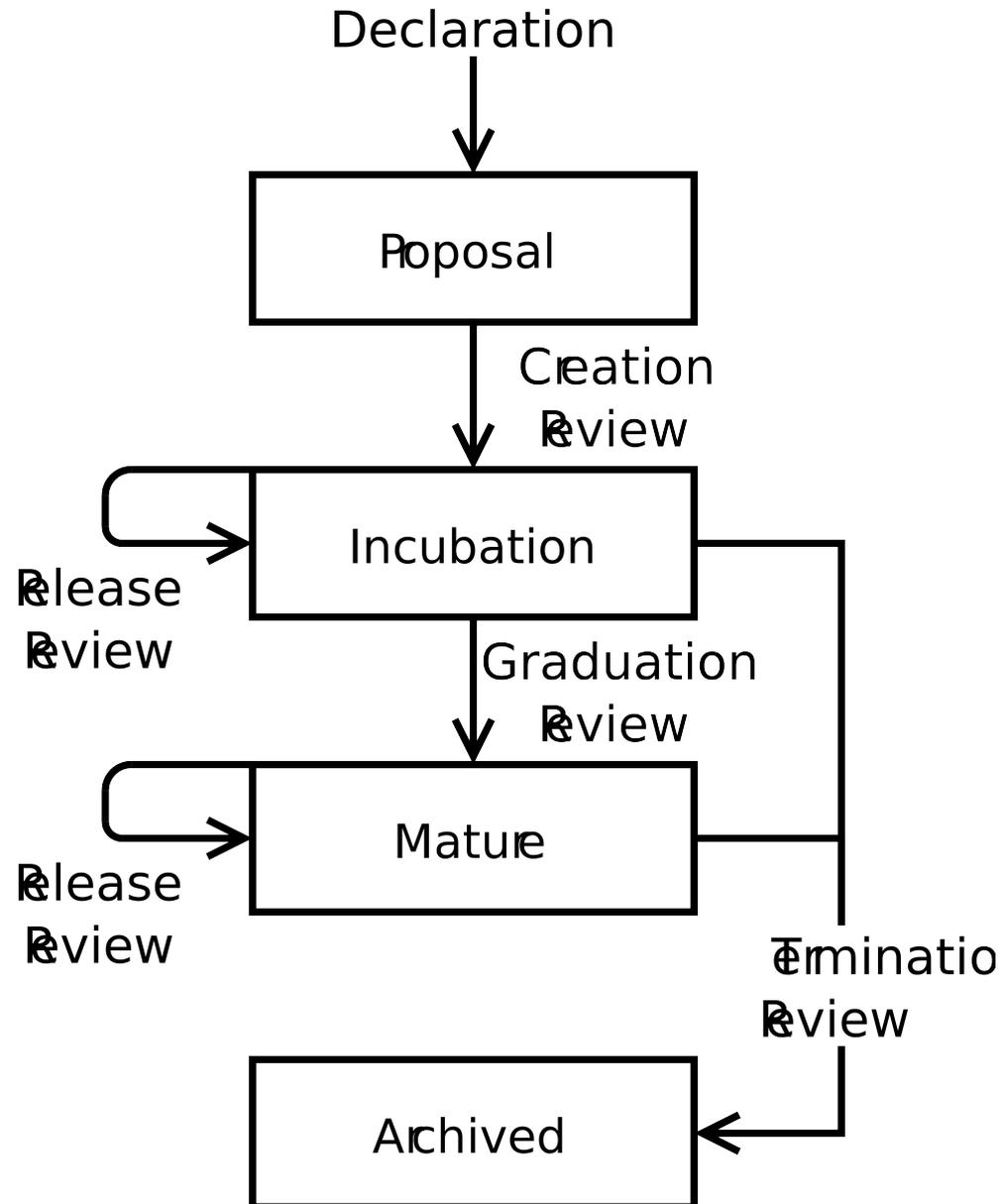
Meritocracy

- Nominees need to prove themselves
- How much merit is enough?
 - Project-specific (work with your PMC)
 - Tends to be qualitative, not quantitative
- Nomination criteria:
 - Source code contributions
 - Forum activity
 - Subject matter expert
 - ...

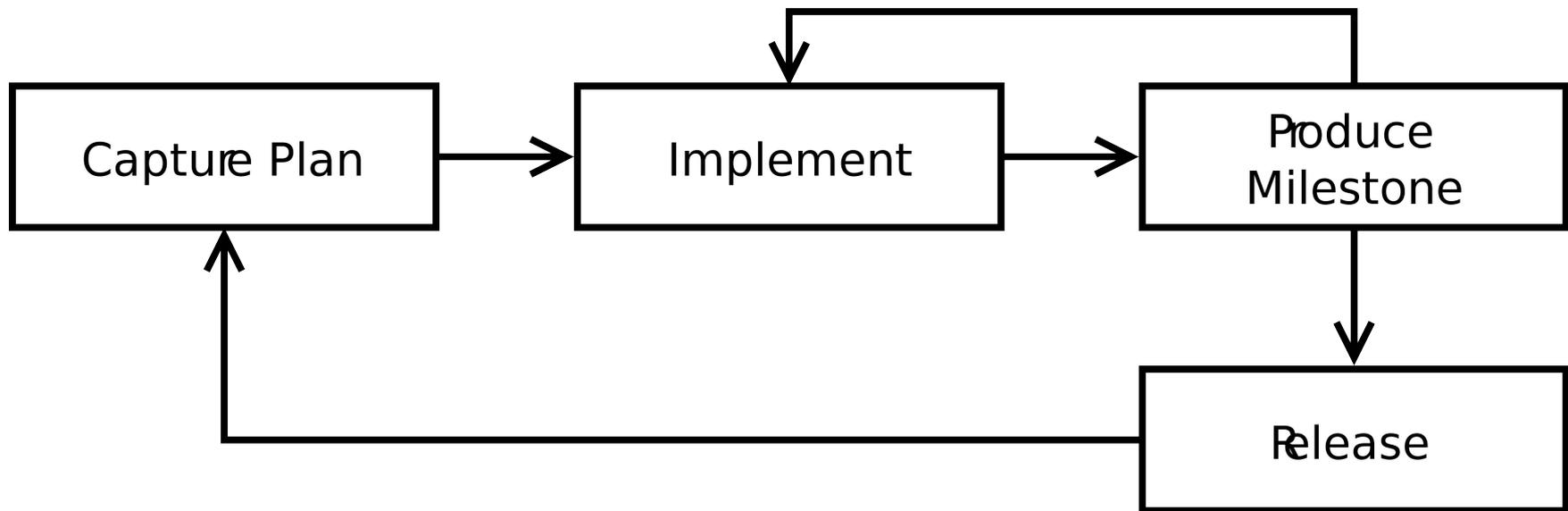
Election Workflow



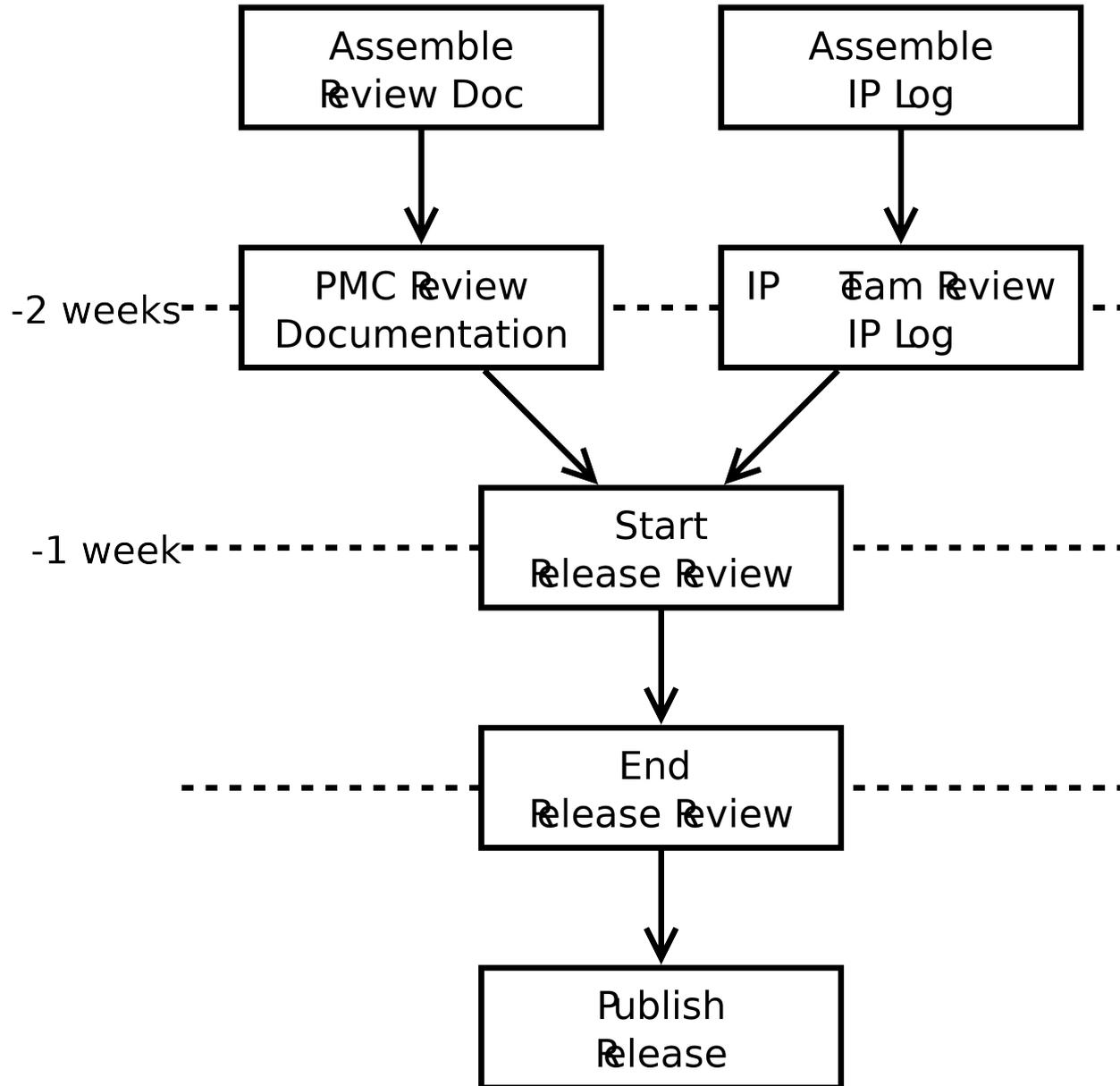
Project Lifecycle



Releases



Release Review



Release Review

- Major/minor releases
 - Release review
 - IP Log approval
 - Plan to spend time planning/documenting release
- Service/Bugfix-only releases
 - No review
 - No IP Log approval

Release Naming

- <major>.<minor>.<service>
 - e.g. 0.3, 1.2.4, ...
- Release
 - e.g. 0.7
- Milestones
 - Use the expected release name with M/RC
 - e.g. 0.7M1, 0.7M2, 0.7M3, 0.7RC1, 0.7RC2
 - Not for general public consumption

Incubation



- Releases conventionally use pre-1.0 names
- Incubation branding
 - Incubation logo on their project home and primary download pages
 - Downloads include the word "incubation" in the filename
 - Not required for JAR files
 - Bundle and feature names include the word "incubation"
 - Not required for "Bundle-SymbolicName"s
- Incubation ends with a graduation review
 - Generally combined with a release review

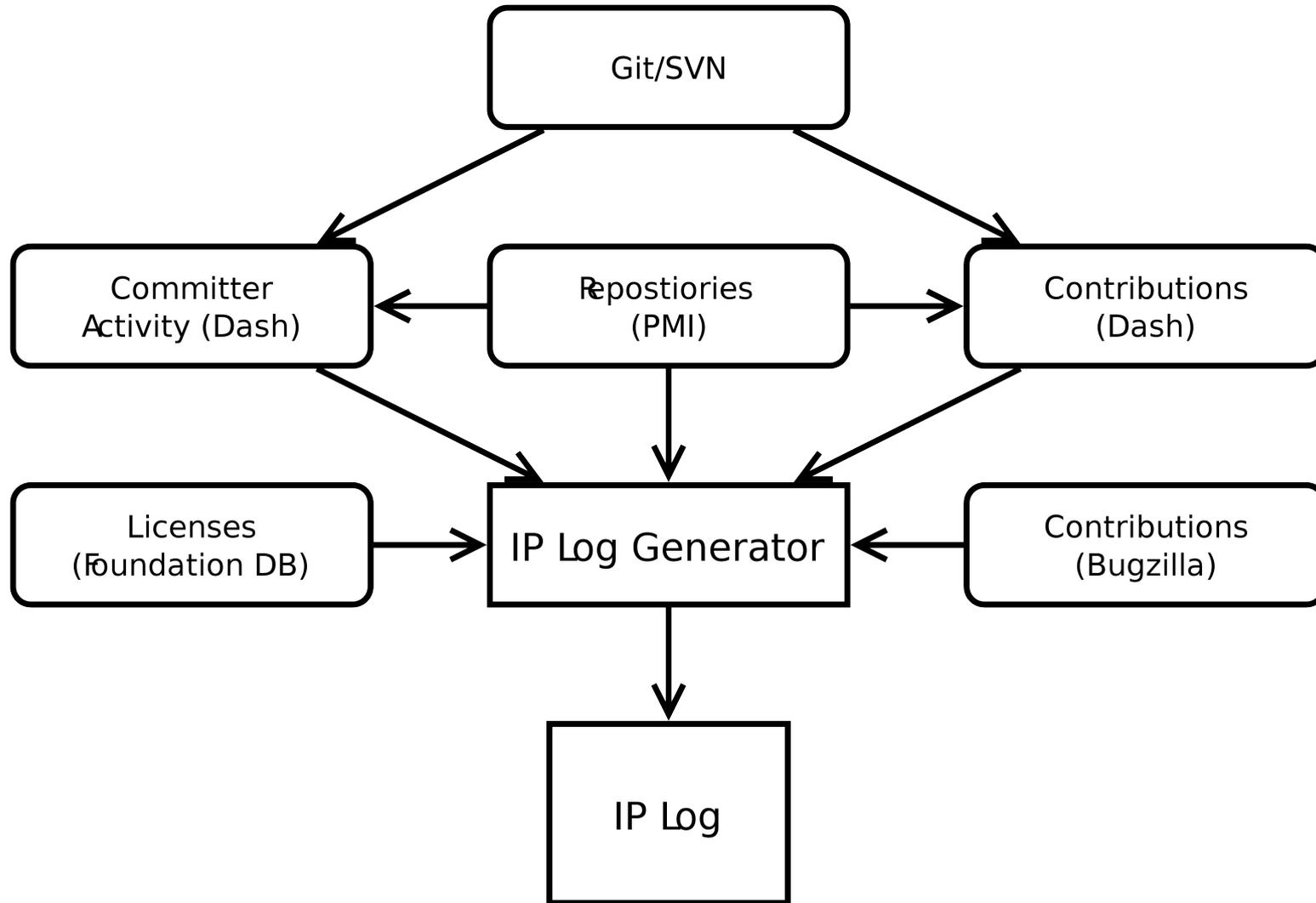
Other Reviews

- Graduation
 - Generally combined with a release review
 - Demonstrate committer familiarity with EDP/IP policy
 - API stability, quality code
- Termination
 - Lack of development resources, will, interest, ...
 - Done?
- ~~Continuation, Promotion~~

IP Logs

- The IP Log Generator
- IP Log review process

The IP Log Generator



Git Commits

commit d6cf52411377a039fc2906378711091a26e932cb

Author: Some Body <somebody@somewhere.com>

Date: Wed May 29 16:17:36 2013 +0200

Hide unwanted common navigator action bar items

This change hides unwanted 'Link with Editor' and 'Customize View...' items from the local toolbar and the view menu.

See bug 409722 for restoring the feature of activating the editor when changing the selection using 'Link with Selection'.

Bug: 350686

Change-Id: Ia2bd5091303d1b0a738157effc24e4dac5a7d0c7

Also-by: Some Bodyelse <somebodyelse@nowhere.com>

Signed-off-by: Some Body <somebody@somewhere.com>

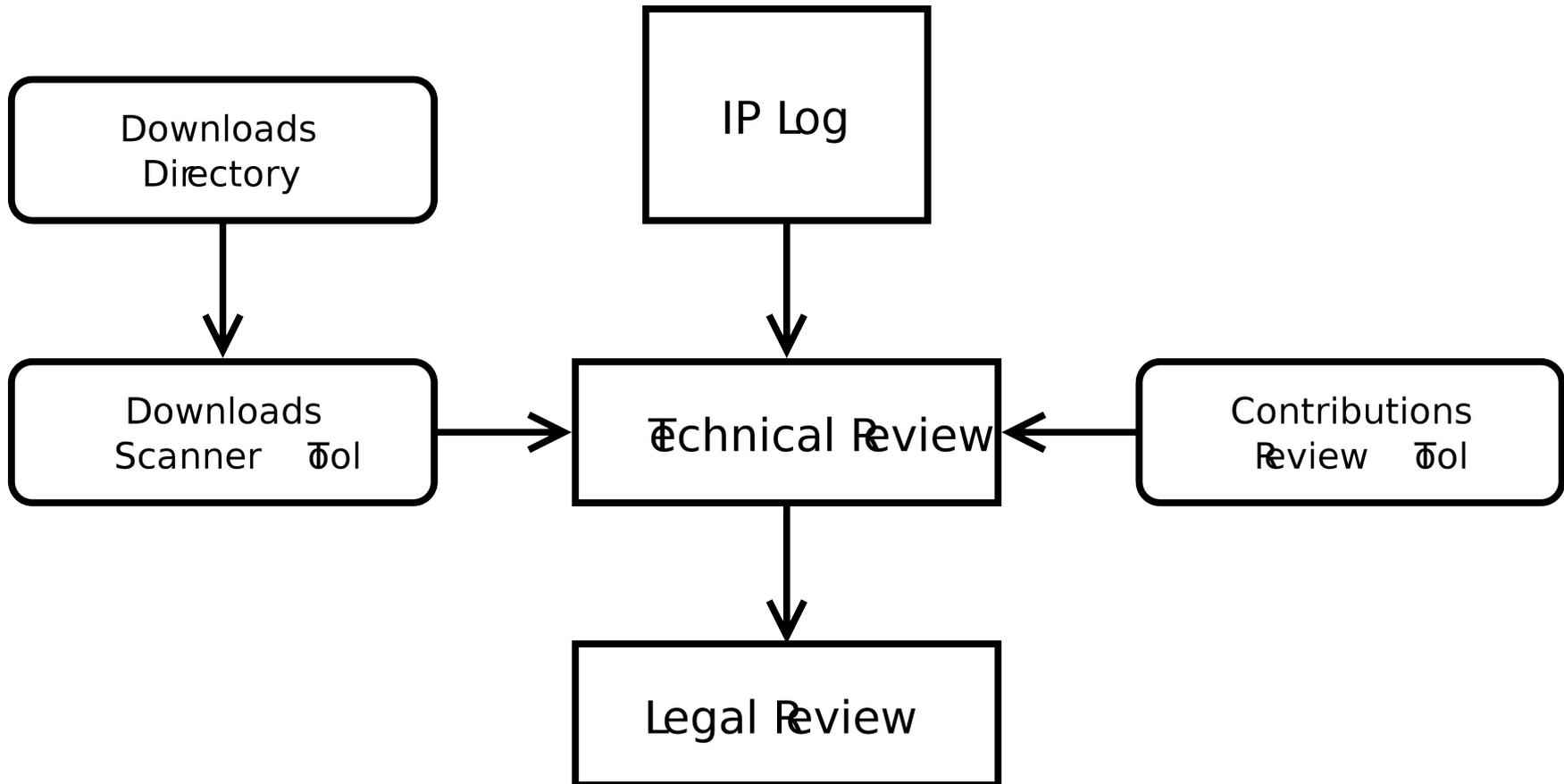
Handling Git Contributions

- Must sign a CLA
- Commit structure
 - Author credentials captured in the "Author" field
 - *A single line summary in the message field
 - A "Signed-off-by" entry with matching credentials in the message footer.

Bugzilla Contributions

Attachments		
Patch with a fix (5.04 KB, patch) 2010-07-23 20:18 EDT , Kris De Volder 	andrew.eisenberg: iplog+	Details Diff
Add an attachment (proposed patch, testcase, etc.)		View All

IP Log Review



The Download Scanner

- Linked from project page's “Action” menu
- Validates third-party library use in project download directories
- Limited to Java/OSGi-based files
- Should be considered a guide
 - Committers are responsible for following the Eclipse IP policy and process
- Don't count on this tool to get it exactly right

<http://eclipse.org/projects/tools/downloads.php?id=<projectId>>

Links and Stuff (1/2)

- Eclipse Development Process
 - http://www.eclipse.org/projects/dev_process
- Committer Due Diligence Guidelines
 - <http://www.eclipse.org/legal/committerguidelines.php>
- Release Cycle
 - http://wiki.eclipse.org/Development_Resources/HOWTO/Release_Cycle
- Release Review
 - https://wiki.eclipse.org/Development_Resources/HOWTO/Release_Reviews
- Contribution Guide
 - https://bugs.eclipse.org/bugs/show_bug.cgi?id=397644
 - http://git.eclipse.org/c/egit/egit.git/plain/SUBMITTING_PATCHES
 - http://wiki.eclipse.org/EGit/Contributor_Guide

Links and Stuff (2/2)

- Incubation Branding
 - http://wiki.eclipse.org/Development_Resources/HOWTO/Conforming_Incubation_Branding
- Handling Git/Gerrit Contributions
 - http://wiki.eclipse.org/Development_Resources/Handling_Git_Contributions
- Download Scanner
 - <http://www.eclipse.org/projects/tools/downloads.php>
- Bugzilla Contributions Review
 - http://www.eclipse.org/projects/tools/ip_contribution_review.php
- IP Logs
 - http://wiki.eclipse.org/Development_Resources/IP_Log
- IP Log Generator
 - http://wiki.eclipse.org/Development_Resources/Automatic_IP_Log
 - http://www.eclipse.org/projects/ip_log.php

The Eclipse Intellectual Property Process and You

Part V

Sharon Corbett

Manager

Intellectual Property Management

Agenda

- Due Diligence Overview
- Review Submissions (aka CQs)
- Committer's Role
- Reuse Possibilities?
- Parallel IP
- The Review
- Best Practices
- Legal Resources
- Getting in Touch

Eclipse Due Diligence

- Requests for Due Diligence Reviews are initiated by Committers
- Committers adhere to the Eclipse Due Diligence Process
- Requests are submitted via a Contribution Questionnaire (fondly known as a CQ)

Contribution Questionnaires (aka Submissions)

Project Code
Hosted/Maintained @ Eclipse
EPL (Typical) License
Dual Licensed Scenarios Possible

Non Project Code
(Third Party)
Not Hosted/Maintained
@ Eclipse
Various Licenses

Committer Knowledge

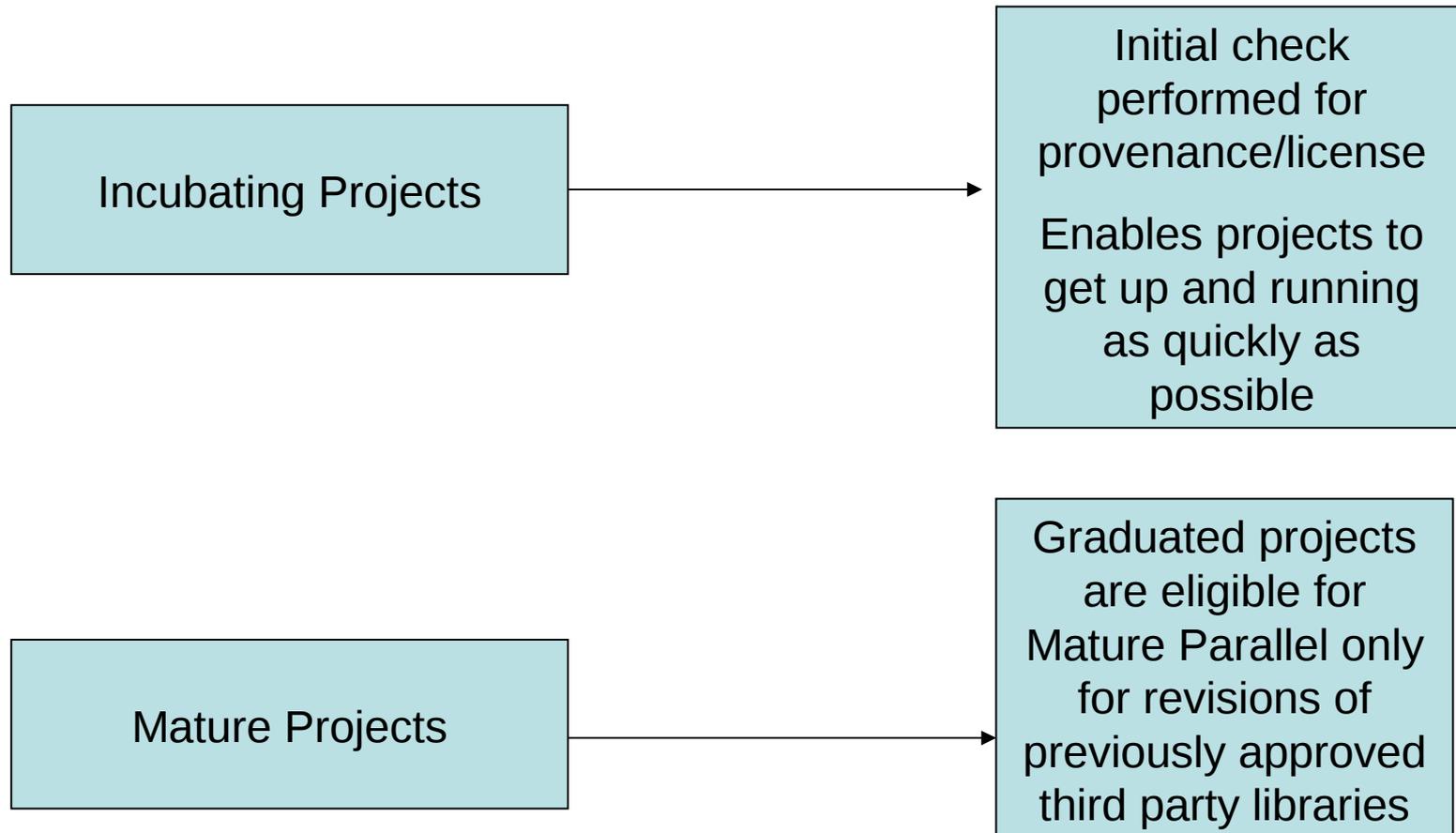
- Origin/Source
- Provenance Information
- License(s)
- Binary/Source
- Modified/Unmodified
- Attach Source via Zip (Class Files not Required)
- Ensure No Nesting/Narrow Scope where possible
- Project Licensed and Non Project Licensed Code - not reviewed together

Reuse?

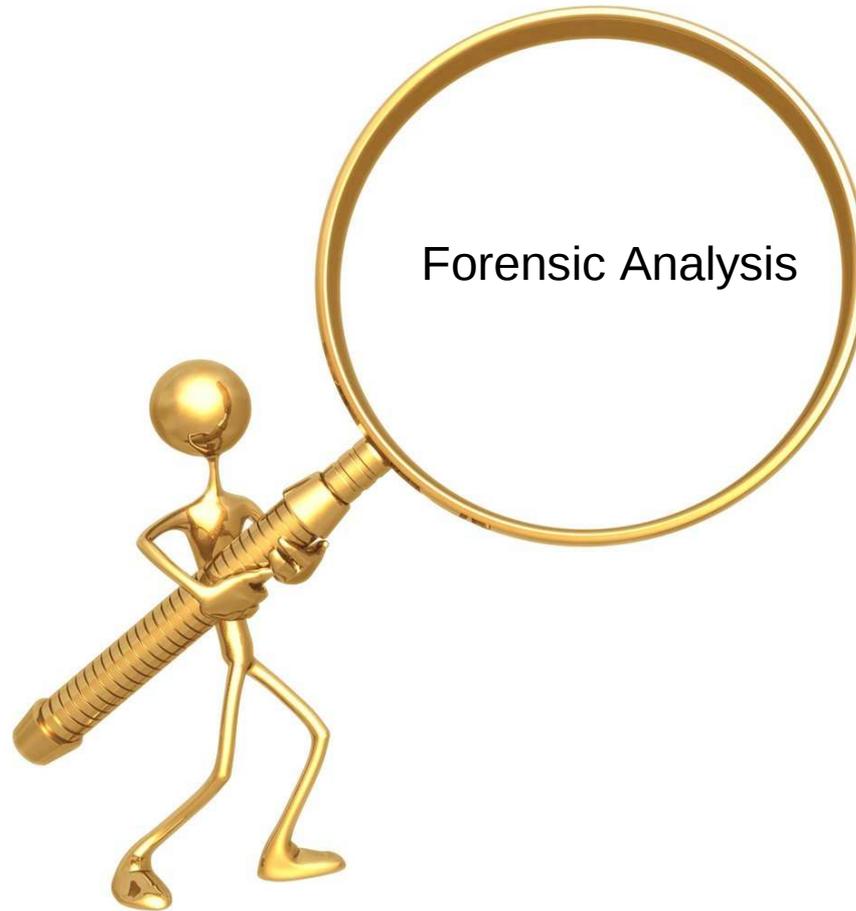
Has the package been previously approved for Eclipse distribution?

- Yes – Request Reuse
- No – Request a new CQ

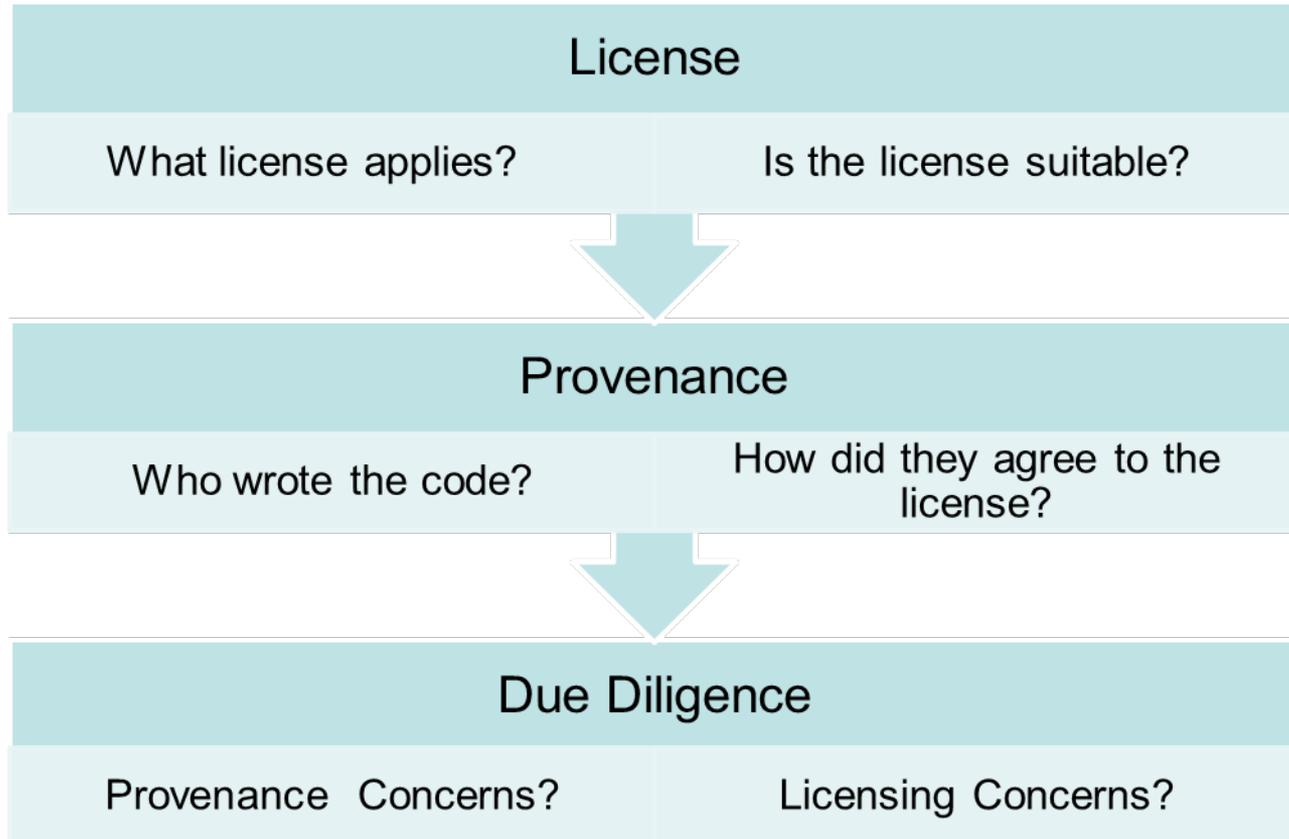
Parallel IP



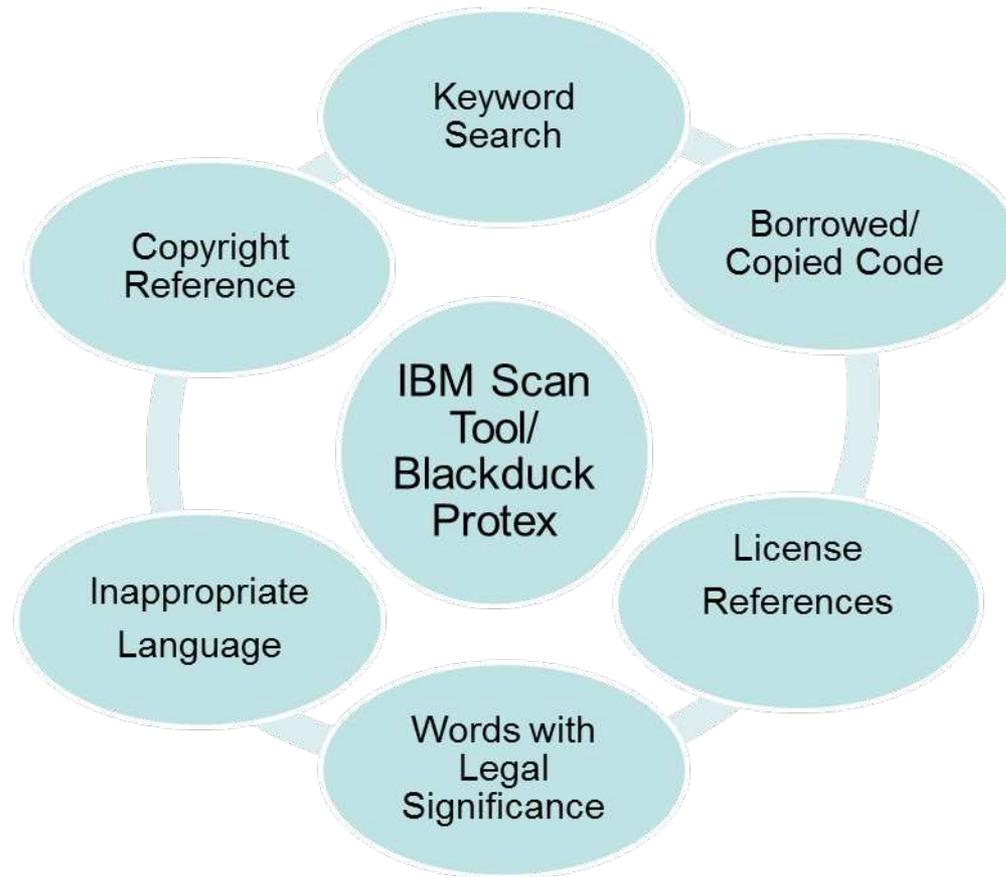
Due Diligence Review



The Review



Tooling



We've Done our Homework

Review
Complete

Areas of Concern Investigated

Other open source projects contacted
if required regarding
investigation/resolutions

If approval is not possible, committer is
contacted and advised of Foundation's
concerns and a technical workaround
is investigated

IP Best Practices

- Follow the DD Process
- Understand your code and what the project intends to distribute
- Scope/No Nesting
- Separate CQs (project licensed/third party)
- Third party content must receive green light for checkin or full approval prior to being placed in the Eclipse repository
- When in doubt, check in with us (emo-ip-team@eclipse.org)

Eclipse Legal Resources

- Legal - www.eclipse.org/legal
- Legal FAQ - <http://www.eclipse.org/legal/legalfaq.php>
- EPL FAQ - <http://www.eclipse.org/legal/eplfaq.php>
- Due Diligence Poster - <http://www.eclipse.org/legal/EclipseLegalProcessPoster.pdf>
- Guide to Legal Documents - <http://www.eclipse.org/legal/guidetolegaldoc.php>
- Parallel IP - http://wiki.eclipse.org/Development_Resources/HOWTO/Parallel_IP_Process
- Third Party Dependency - http://www.eclipse.org/org/documents/Eclipse_Policy_and_Procedure_for_3rd_Party_Dependencies_Final.pdf

- CLA - <http://www.eclipse.org/legal/CLA.php>
- Committer Agreements - http://wiki.eclipse.org/Development_Resources/HOWTO/Nominating_and_Electing_a_New_Committer
- Copyright & License Template - <http://www.eclipse.org/legal/copyrightandlicensenotice.php>
- About Templates - <http://www.eclipse.org/legal/epl/about.php>
- IP Log - http://www.eclipse.org/projects/ip_log_selector.php

Getting In Touch

- IP Process Questions
emo-ip-team@eclipse.org
- License Questions
license@eclipse.org
- Committer Legal Agreements
emo-records@eclipse.org

Eclipse Committer Bootcamp

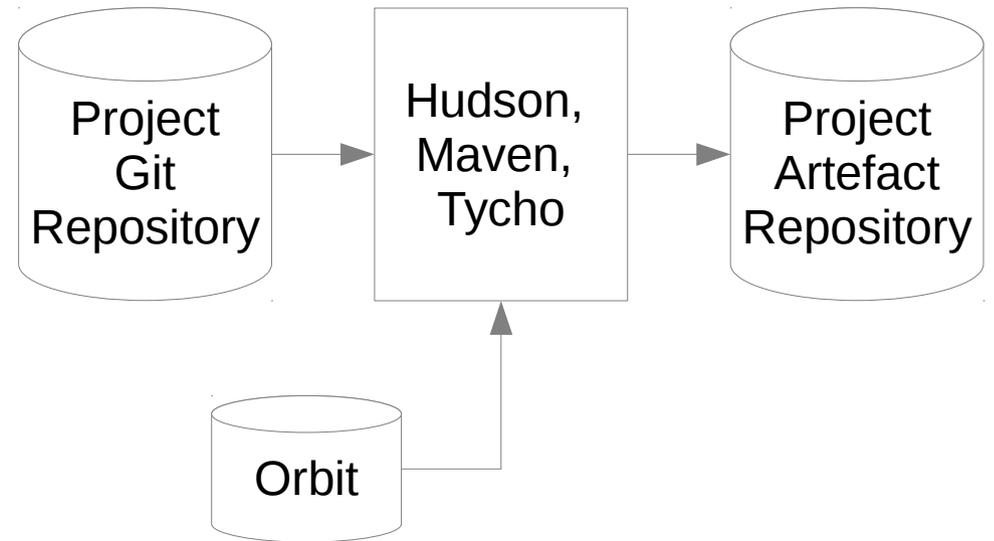
Part VI: Builds & Downloads
<http://eclip.se/t>

Agenda

- Building: Hudson/HIPP, CBI
- Signing JAR files
- Storage: build artifacts, nightlies, releases
- Using mirrors
- Download statistics
- Cleaning up
- Quiz

Common Build Infrastructure

- Hudson CI
- Git/Gerrit
- Maven/Tycho
- Jar signing
- Nexus (Maven repository)
- <http://wiki.eclipse.org/CBI>



Make it easy for anyone to build your code!

Hudson & HIPP

- Employs Hudson Continuous Integration
- Shared Hudson w/ Mac and Windows UI slaves
- HIPP: Hudson Instance Per Project
- Limitations

The screenshot shows the Hudson web interface. The top navigation bar includes the Hudson logo, the instance name 'Gyrex Hudson', a search box, and a user profile icon. The left sidebar contains navigation links for 'People', 'Build History', and 'Disk usage', along with sections for 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing 'Status 0/2' and 'Idle'). The main content area is titled 'Jobs Status' and features the Eclipse logo and the text 'Eclipse.org HIPP Instance'. Below this, there are links to 'Go: Hudson for Tests' and 'Go: Sandbox instance'. A dashed box on the right contains links for 'Request a New Job', 'Hudson at eclipse', and 'Build Infra health charts'. The central part of the page displays a table of job runs with columns for status, workspace, job name, last success, last failure, last duration, and console access.

S	W	Job ↓	Last Success	Last Failure	Last Duration	Console
		gyrex-latest	22 days (#8)	22 days (#7)	15 min	
		gyrex-maintenance	22 days (#21)	22 days (#20)	15 min	
		gyrex-maven-parent - build and deploy	21 days (#3)	21 days (#2)	7,3 sec	

Icon: [S](#) [M](#) [L](#)

Legend for all for failures for just latest builds

Signing

- JAR files: queued and private web service
 - Queued for many files, ZIPs
 - Web service for on-the-fly signing, jars only
- Windows executables via private web service
- Mac executables via private web service
- Maven signing plugin: <http://eclip.se/u>
- <http://eclip.se/q>
- wiki.eclipse.org/IT_Infrastructure_Doc

Storing builds

- Temporary stores: build artifacts, workspace
- Nightly builds not mirrored
- Stable & Release: mirrored
- Simultaneous Release
- Storage is not unlimited!
- wiki.eclipse.org/IT_Infrastructure_Doc#Builds
- wiki.eclipse.org/Hudson
- Maven: repo.eclipse.org

Download Statistics

- Use Mirrors? Get download stats.
- P2 & mirrors

What to add?

The `p2.mirrorsURL` property has the following structure:

```
<property name="p2.mirrorsURL"
  value="http://www.eclipse.org/downloads/download.php?file={repository_path}&format=xml" />
```

- replace `{repository_path}` with the path where your artifacts.jar sits on `download.eclipse.org`,

- P2 & stats

There are two steps to enable p2 download statistics gathering for your repository:

1) In the artifact repository that you want to track downloads from, add a **p2.statsURI** property specifying the statistics URL (in artifa

```
<repository name='Update Site' type='org.eclipse.equinox.p2.artifact.repository.simpleRepository' version='1'>
  <properties size='3'>
    <property name='p2.timestamp' value='1269575706171' />
    <property name='p2.compressed' value='true' />
    <property name='p2.statsURI' value='http://your.stats.server/stats' />
```

Download statistics

- wiki.eclipse.org/Equinox_p2_download_stats
- wiki.eclipse.org/Equinox/p2/p2.mirrorsURL
- Ask cross-project-issues-dev for help!
- No solution yet for Maven/repo.eclipse.org stats

Stats Tool

Partial File Name: ?

TIP: For faster results, use a file name that matches the fewest amount of files as possible to satisfy your query. For instance, query using the core file(s) that make up one user download.

Or pick from list: [Open the File List](#)

Group multiple files as a single result:

Background this query, send results to this e-mail:

Please note: Using the filter options below causes queries to run against 74,971,942 download records, from 2012-10-22 to 2013-10-22 00:01:01. Today's downloads will be added at midnight Eastern Time.

Date: ?

Custom Date From (blank = "since the beginning"): ?

Custom Date To (blank = "now"): ?

TIP: date-based queries take much longer to run when files with tens of thousands of downloads are included.

Select View:

Results

Query took 6.062 sec (0.004 connect time)

file	Code	Country	Count
technology/epp/downloads/release/kepler/R/eclipse-standard-kepler-R-win32-x86_64.zip	us	United States	233557
	cn	China	158715
	de	Germany	61775
	in	India	57092
	br	Brazil	45571
	kr	Korea, Republic Of	43784

Committers Only: https://dev.eclipse.org/site_login/myaccount.php

Cleaning up

- Retention policy
- Source code and Bugzilla
- Hudson build artifacts
- Download.eclipse.org
- Older builds: archive.eclipse.org