



Eclipse Members Teleconference

December 5, 2006 – 11:30am EST, 8:30am PST, 5:30pm CET

Call Details below are:

+1-613-287-8000

866-362-7064

Participant Passcode: 955770#

Agenda



- Executive Director Update (Mike Milinkovich)
- Membership Update (Donald Smith)
- Marketing Update (Ian Skerrett)
- Projects Update (Bjorn Freeman-Benson)
- Development Process Update (Bjorn Freeman-Benson)
- New Member Introduction (Scott Blum, Google)
- Project Update: Dali (Shaun Smith, Oracle)
- Project Update: Mylar (Mik Kersten, UBC)

- Feedback for AIP Reps for December Board Meeting
 - Jochen Krause, Howard Lewis, Mike Taylor, Todd Williams

- Q&A

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Executive Director Report Q4/2006

Mike Milinkovich

Agenda



- Welcome to New Members
- Q4 Activities
- Market Research and Download Stats
- Q1/ 2007 Plans

Welcome to New Members



- Add-in Providers
 - AlterPoint
 - Gentleware AG
 - Google
 - VTT
 - Helmi Technologies
 - Trango
 - IBS AB
 - VirtualLogix
 - Cloudsmith
- Associate Members
 - Carleton University

The Members of Eclipse



- 149 member companies
 - 18 Strategic Members
 - 113 Add-in Providers
 - 18 Associate Members (Publishers, Research Institutes, Standards Org., etc.)
- 765 committers, representing 50+ organizations

Strategic Members



New Eclipse Foundation Staff



New Staff

- **Karl Matthias – IT Guy in Portland**

Staff

- Mike Milinkovich - Executive Director
- Skip McGaughey - Director, Eclipse Ecosystem
- Sharon Wolfe - Office Manager
- Ian Skerrett - Director, Marketing
- Denis Roy - Manager, IT (webmaster)
- Bjorn Freeman-Benson - Director, Open Source Process
- Janet Campbell - Manager, Intellectual Property
- Jihong Yang – Intellectual Property Analyst
- Wayne Beaton, Eclipse Evangelist
- Matt Ward, Web and IT Guy
- Ward Cunningham, Director, Committer Community Development
- Ralph Mueller, Director, European Ecosystem
- Donald Smith, Director Ecosystem Development
- Nathan Gervais – Web Developer
- Sharon Corbett - IP Operations Support
- Anne Jacko – Communications Facilitator
- Lynn Gayowski - Marketing Events

2006 Financial Outlook



| \$ millions | 2005 | 2006 |
|-------------|-------|-------|
| Income | \$3.9 | \$5.6 |
| Expenses | \$3.4 | \$5.6 |
| Net | \$0.5 | - |

Note: The budget numbers include revenue and expense for co-operative marketing programs, EclipseCon, and the European conferences.

Key Activities in Q4



- Eclipse Summit Europe
- EclipseCon Planning
- 5th Birthday
- IT Improvements
- Member Feedback Survey
- Development Process
- EPIC
- RCP Marketing

Eclipse Summit Europe



- 300 attendees
- 21 sponsors

The screenshot shows a Mozilla Firefox browser window displaying the Eclipse Summit Europe 2006 website. The browser's address bar shows the URL <http://www.eclipsecon.org/summiteurope2006/>. The website header features the Eclipse Summit logo, a prominent "Register Now" button, and the event dates "October 11 - 12, 2006" and location "Esslingen, Germany".

The main content area is divided into several sections:

- Home**: A navigation menu with links for Registration, Hotels, Information on Esslingen, Friends, and Organizers.
- Summit Program**: A section with links for Wednesday, Thursday, Call for Symposia Papers, Presenters, and Special Events.
- Participate at the Eclipse Summit Europe!**: A central text block stating that the event is presented by the Eclipse Foundation and offers networking opportunities. It lists three bullet points:
 - ◆ Developers and practitioners can find out the latest in the Callisto Project Updates and New and Noteworthy track series.
 - ◆ Foundation members and potential members can learn more about the governance model of the Eclipse Foundation in the Foundation track.
 - ◆ Experienced developers can team up with other specialists in the **Symposia**, to learn, network and discuss in an open environment, technical strategies in these specialized areas: Test-Driven Embedded Development, Modelling, Rich Client Applications and Server-Side Eclipse.
- Introduce yourself to the Sponsor Network**: A section encouraging contact with ecosystem members and participation in the Sponsor Network.
- Registering**: A section mentioning the location, "the Neckar Forum in Esslingen", and noting that space is limited, with a "sign up now!" call to action.
- More Information**: A link for further details.
- Sponsors**: A vertical list of logos for various sponsors, including ERICSSON, tni SOFTWARE, object, OX OPEN EXCHANGE, Zend (The php Company), INNOPRACT, ORACLE, and SYRACE.



March 5th - 8th
Santa Clara, California

<http://www.eclipsecon.org>

- Venue – Santa Clara Convention Center
- Key Dates
 - **December 31, 2006 - Very Early Registration (Save over \$300!)**
 - January 15th – Short Talk and Demo Proposal Deadline
 - **February 14th, 2007 – Early Registration (Save over \$200!)**
 - March 5th 2007 – EclipseCon Starts
- Sponsorship Packages Available – exhibitors07@eclipse.org
- Group Discounts Available
 - Prepayment required; minimum 20 registrations; 15% discount

5th Birthday Celebrations

- 31 local community parties; est. 1700 attendees
- Thanks to the organizers:
 - Chris Aniszczyk, Dilip Thomas, Ian Liu, Debbie Moynihan; Brandon Ulrich; Amr Ali, Jens Eckels, Alper Cugun, Yossi Mesika, Kiran Rajarathna, Naci Dai, Thibaut Rouffineau, Aleksey Aristov, Alexander Neumann, Max Andersen, Ken Gilmer, Eliane Forgeau, Chris Laffra, Rudi Zimmer, Peter Varhol, Kirsten Long, Walter Harley, Wenfeng Li, Frank Stepan, Jochen Krause, Ahti Kitsik, Eden Klein, Arthur Ryman, Rob Ross, Darin Wright, Susan Iwai
- Online Birthday Card receive 2300+ greetings and 144 product listings



IT Improvements



- Upgrade to server infrastructure to SuSe Linux Enterprise Server 10
- User friendly Bugzilla bug-entry template
- Completed the JAR signing/packing infrastructure
- Provide Subversion repository support - in progress, due for Q4
- Enable additional virtual servers for projects
- Reducing Bugzilla lag - in progress, due for Q4

Membership Feedback Survey



- Survey of company reps, delegates and unaffiliated committers
- Started November 27th, open through December 15th
- Contact membership@eclipse.org if you have not received an invitation to the survey and feel you should have

Membership Feedback Survey results n=44

(as of Nov 30)



| | Excellent | Good | Average | Below Average | Poor | N/A |
|---|------------------|-------------|----------------|----------------------|-------------|------------|
| Overall Satisfaction with Membership | 35% | 55% | 10% | | | |
| Satisfaction with Eclipse Foundation | 30% | 65% | 5% | | | |
| Satisfaction with ROI on Membership Involvement | 18% | 45% | 27% | 7% | 2% | |
| Satisfaction with Ecosystem as means to support your business | 30% | 45% | 13% | 2% | | 10% |

Membership Feedback Survey results n=44

(as of Nov 30)



| Satisfaction Foundation Services: | Excellent | Above Average | Average | Below Average | Poor | Unsure |
|-----------------------------------|-----------|---------------|---------|---------------|------|--------|
| Marketing Events and Programs | 21% | 49% | 18% | 3% | | |
| IP Services | 13% | 31% | 41% | 3% | | |
| IT Infrastructure | 39% | 46% | 15% | | | |
| Governance | 10% | 32% | 29% | | | 26% |
| Ecosystem Development | 25% | 31% | 25% | | | 19% |

Membership Feedback Survey results n=44

(as of Nov 30)



- Why did you join the Eclipse Foundation?
(1 = Strong Reason 3 = Doesn't matter either way 5 = Not a Reason)
 - Want to contribute to the Technology (1.7)
 - To Support the Eclipse Community (1.9)
 - Marketability of being Eclipse Member (1.9)
 - Networking Opportunities (2.1)
 - Access to project information and status (2.3)
 - Influence over Foundation direction (2.6)
 - Altruism (2.8)
 - Access to Members Only Events (2.9)
 - Access to Foundation-run Marketing Programs (3.0)

Membership Feedback Survey results n=44

(as of Nov 30)



- Miscellaneous Feedback
 - Foundation focused on large organizations
 - Additional focus on individual contributors would be helpful
 - Additional focus on projects, tech and coolness
- Marketing
 - More Europe Activities, More bridging of Commercial and Project Ecosystems, Aggregate member RSS for Press coverage, Develop an Eclipse Personality (a-la-Gosling is to Sun), More East Coast events, EclipseCon ROCKS
- IP
 - Impressive knowledge and process, necessary, lengthy, complex, restrictive, IPZilla a great step forward
- IT
 - Great services, some outages, coming along nicely, EPIC is great, great tools, more details on project pages

Membership Feedback Survey results n=44

(as of Nov 30)

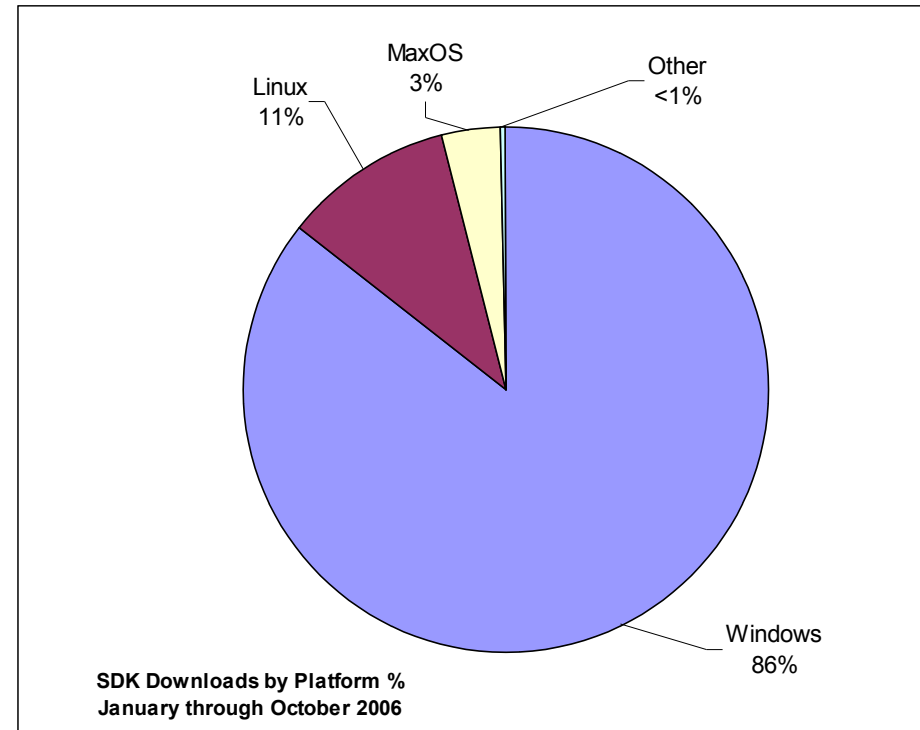
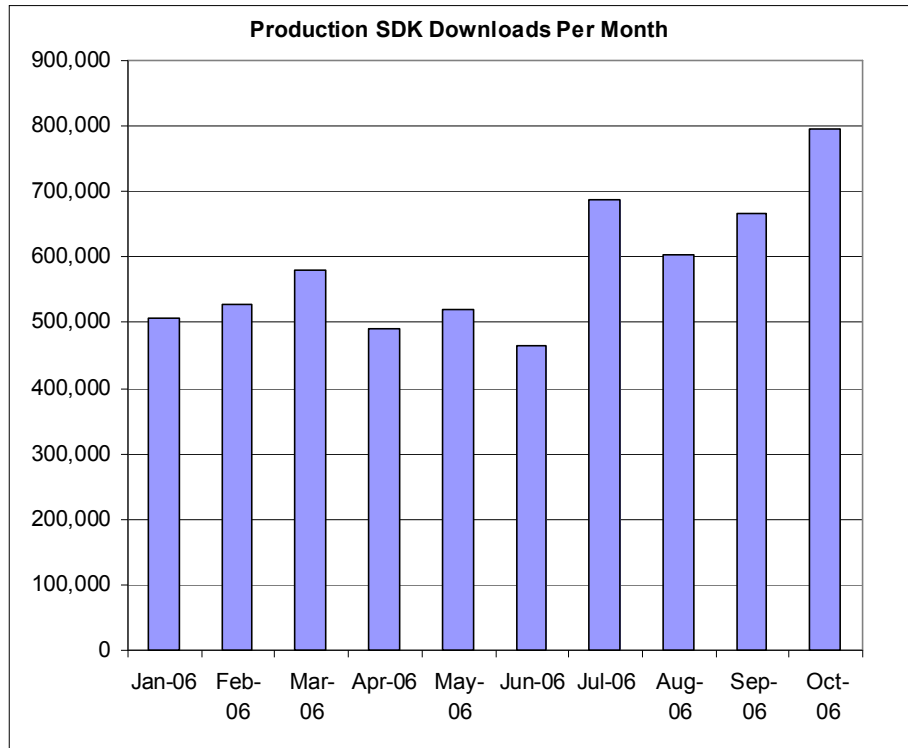


- Governance
 - Still too many “closed door” conversations, EMO does good job with governance, but councils seem ineffective, meetings are well run, large gap between small/large companies hard to satisfy all needs
- Ecosystem Development
 - Ralph is doing great in Europe, Main reason we joined Eclipse, More networking and connections out of eclipse.org please, more competitive (sun and MS) support please, more networking opportunities, favoritism to large companies

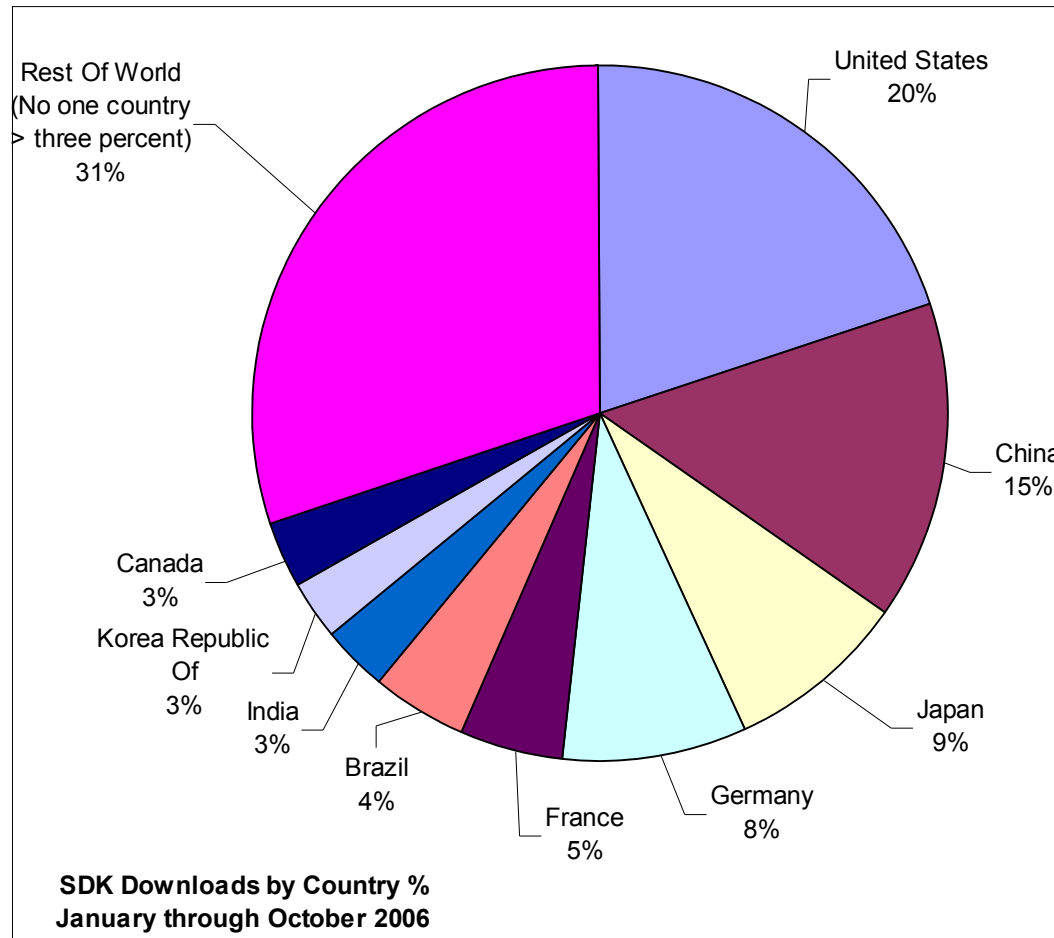


Download Stats

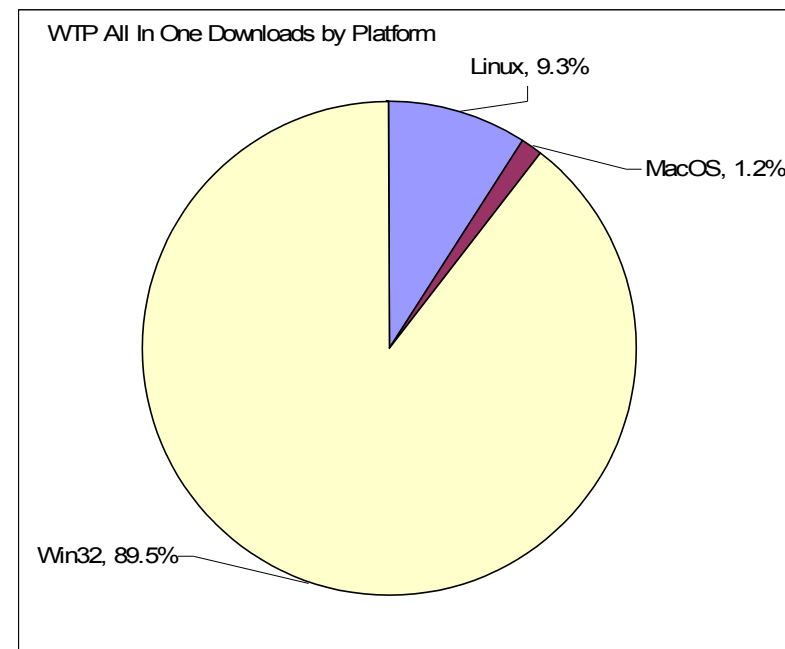
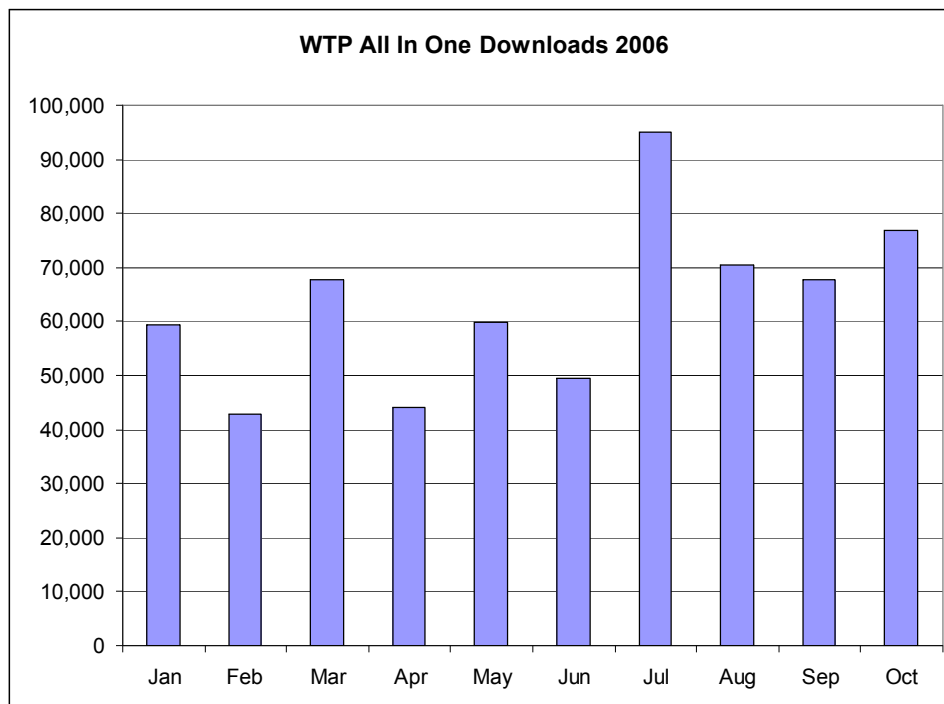
Production SDK Download Stats



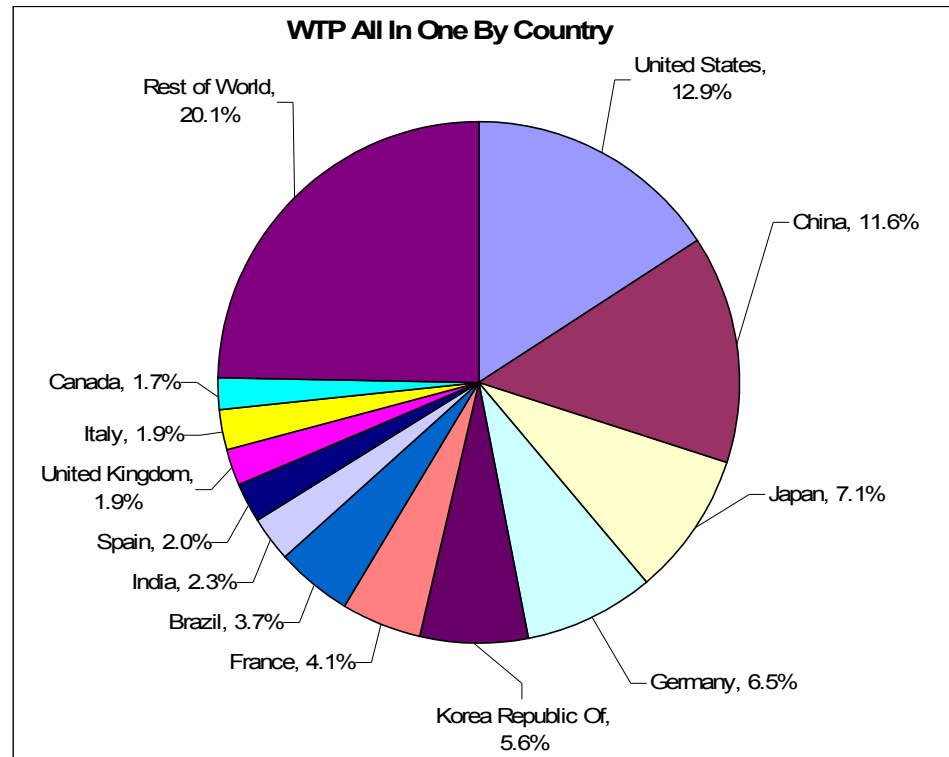
Production SDK Download Stats



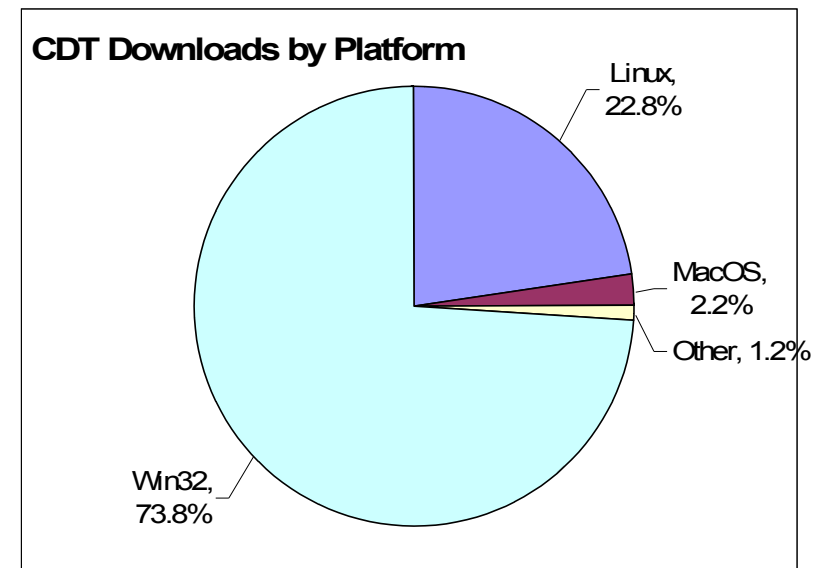
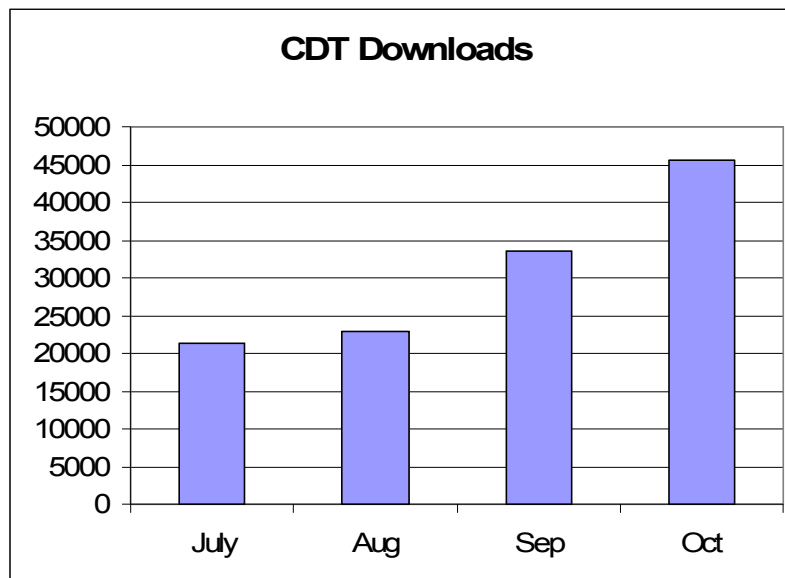
WTP All-In-One Downloads (Production)



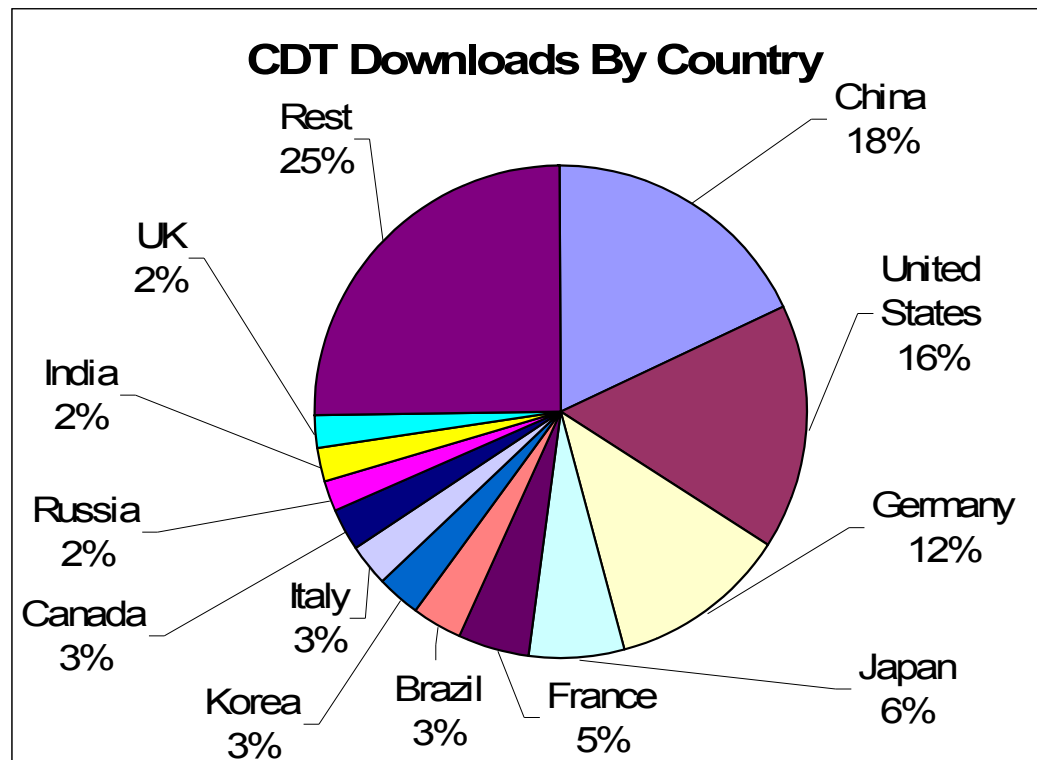
WTP All-In-One Downloads (Production)



CDT Production Downloads



CDT Production Downloads



What is Next in Q1 2007



- EclipseCon 2007
- Board Elections
- PluginFest

Board Elections



- 4 elected committer reps, 4 elected add-in provider reps
- Term is April 1, 2007 to March 31, 2008
- Key dates:
 - Dec. 13, nominations open
 - Jan. 17, nominations close
 - Jan. 24, list of nominees published on www.eclipse.org
 - Voting from Feb. 7 to Feb. 21
 - Feb. 28, winners announced

Next Meeting



March 5, 2007
EclipseCon 2007
Santa Clara Convention Center

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Membership Report

Donald Smith, on behalf of Todd Williams

The Members of Eclipse

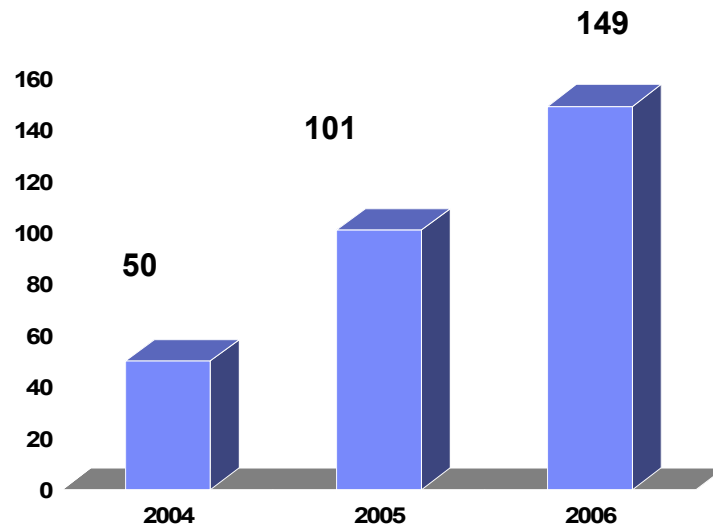


- 149 members (137 in June 2006)
 - 18 Strategic Members (16 in June 2006)
 - 113 Add-in Providers (102 in June 2006)
 - 18 Associate Members (19 in June 2006)
- 765 committers, representing 50+ organizations

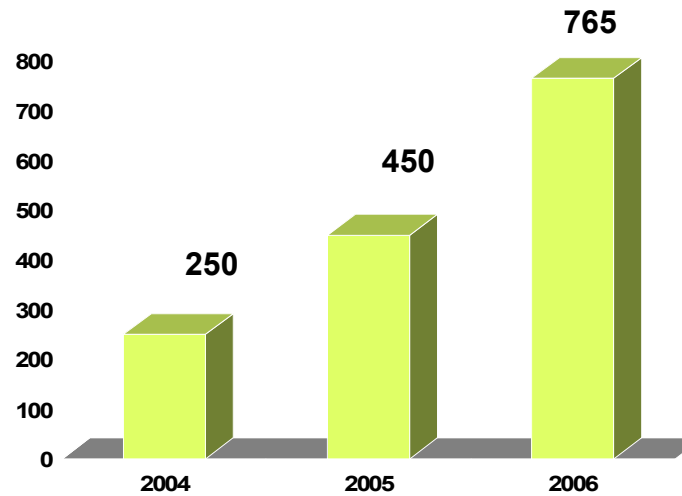
Strategic Members



Eclipse Momentum



Members



Committers

New Members so far in 2006



Q1

- EADS
- iMEDIC GmbH
- MicroDot
- Kyoto Microcomputer Co
- Fortify Software
- Codign Software
- Perforce
- ST Microelectronics
- Salesforce.Com
- MedicalBanking Project
- Software & Support Veriag
- Software AG
- SugarCRM
- Krugle, Inc
- MySQL
- NexB
- Juluna
- I-Logix

Q2

- TNI-software
- TransMend
- Technological Education Institution of West Macedonia
- Metallet
- Intervoice
- Inetsoft
- Vector Consulting
- Itemis GmbH
- Band XI
- Motorola

Q3

- Sony Ericsson
- ARM Limited
- Adobe
- Simula Labs
- Active Grid
- KPIT Cummins
- AlterPoint
- Gentleware AG

Q4

- Google
- VTT
- Helmi
- Trango
- Aonix
- IBS AB
- VirtualLogix
- Cloudsmith
- Carleton University

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Marketing Update for Q4/ 2006

Press Releases in Q4



- Eclipse Celebrates Five Years as an Open Source Community and Ecosystem
- Eclipse Device Software Development Platform (DSDP) Announces Three Milestone Releases
- Hold the Dates for EclipseCon 2007

Notable Coverage



- RCP Case Study
 - JPMorgan Stays Focused on Eclipse - eWeek, October 16, 2006
 - <http://www.eweek.com/article2/0,1895,2027415,00.asp>
 - The Heart of Eclipse - ACM Queue October 2006
 - http://www.acmqueue.org/modules.php?name=Content&pa=show_page&pid=425
- 5th Birthday Coverage
 - Eclipse Picks Up Speed at Five-Year Mark – ComputerWorld, Nov. 13
 - Total Eclipse In Java Development - CRN, Nov. 13
 - Plus others

RCP Marketing in Q4



- Case Studies
 - APC
 - RPC Software

- Sponsored Webinars
 - 3 webinars focused on RCP
 - Over 300 attendees for each; over 700 registrants
 - Sponsored by Palamida, IBM and Instantiations
 - Produced by BZ Media

EPIC Improvements



The Information Portal for the Eclipse Ecosystem

Eclipse Plugin Central (EPIC) offers the Eclipse community a convenient, information-rich portal that helps software developers find open source and commercial Eclipse plug-ins, tools, and products that enhance the entire Java software development life-cycle.

Select a Plugin Category:

Eclipse Headlines

- Initial release of the WidgetServer Plugin set for Eclipse**
This is the initial, alpha, release of the WidgetServer Plugins for Eclipse (announcement thereof). more details
- OpenXava Eclipse Plugins 0.1 released**
OpenXava Eclipse Plugins is a database reverse engineering utility for creating OpenXava components from existing database tables. more details
- oXygen XML Editor 8.0 is available**
Synco Soft Ltd, the producer of oXygen XML Editor, has announced the immediate availability of version 8.0 of its XML Editor, Schema Editor and XSLT/XQuery Debugger. more details

Most Active Plugins

| | 24 hours | One Month | Lifetime | 1 Months | 6 Months |
|--|----------|-----------|---|------------|----------|
| eUML2 free edition | | 154 | MyEclipse Enterprise Workbench | 9.3 (2784) | |
| SQL Edge - Visualize data relationship | 151 | | Hibernate Synchronizer | 9.2 (4233) | |
| Note Pad | 128 | | Azzurri Clay - Database Modeling in Eclipse | 9.1 (1544) | |
| Eclipse SQL Explorer | 127 | | Years On Demand - Eclipse | | |

Top Rated Plugins

New and Updated Plugins

- Spket IDE [Update]
- EasyEclipse plugins installers [Update]
- EclipseColorer [Update]
- SQL Edge - visualize data relationship [Update]
- Tea Timer [New]
- Select Projects [Update]

Featured Member Plugin

xProcess

Forum Discussions

Plugin Design

How to jar a plugin?
How the hell do I create the binary my plugin??? I mean it doesn't work for the built-in ...

Design and Verification Tools

Fonts on Navigator, Problems T etc.
Hi, Can I somehow change the font size on the Navigator, or other non-editor views?

Google Ads

Featured Member Plugin

More coverage on the front page

EPIC Improvements



The screenshot shows the Eclipse Plugin Central website in a Mozilla Firefox browser. The page title is "Eclipse Plugin Central :: Eclipse plugin resource center and marketplace for Eclipse and Plugin Ecosystem". The main content area is titled "Plugin Directory / Deployment" and shows a list of "Featured Member Plugins".

| Plugin Name | Rating | Last Updated | Supported Eclipse Version | License Type |
|------------------------|----------------|--------------|---------------------------|--------------|
| CodePro Build - v2.3.3 | 0 (0 Votes) | 2004-08-06 | 2.0, 2.1, 3.0 | Commercial |
| EasyEclipse - v3.2.1 | 0 (0 Votes) | 2006-11-29 | 3.2.1 | Free EPL |
| Fat Jar - v0.0.13 | 8.1 (10 Votes) | 2004-10-14 | 3.0 | Free GPL |
| EclipseNSIS - v0.9.4 | 5.8 (4 Votes) | 2005-04-14 | 3.1 and higher | Free CPL |

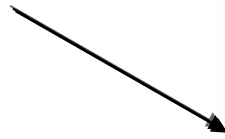
The sidebar on the right contains a "Browse Other Categories" menu with the following items: Application Management, Application Server, Code Management, Database, Deployment, Documentation, Eclipse Training and Services, Editor, Entertainment, Graphics, IDE, J2EE Development Platform, J2ME, Languages, Modeling, Network, Other, Profiling, Rich Client Applications, SCM, Source Code Analyzer, Team Development, Testing, Tools, UI, UML, and Web.

Priority listing for Member companies

EPIC Integration with Eclipse.org



Live feed on eclipse.org



EPIC Stats



- Number of Plug-ins
 - 723
- Site Traffic

| Month | Visits | Visits Per Day | Unique Sites |
|--------------|---------------|-----------------------|---------------------|
| September | 250,226 | 8,340 | 86,891 |
| October | 463,205 | 14,942 | 113,069 |
| November | 519,930 | 17,331 | 144,700 |

Other Activities in Q4



- Webinar Series
 - AJAX Toolkit Framework – 140 attendees
 - Mobile Tools for Java – scheduled for Dec 12
 - Thanks to Adobe for providing access to Adobe Connect

Q1 2007 Activities



- Eclipse Forum Europe, April 23 to 27, 2007 Wiesbaden, Germany
 - Produced by Software & Support Verlag
- Eclipse Webinar Series
 - Sponsored by Adobe Connect
- Eclipse Awards
- Eclipse PluginFest

Eclipse Awards



- Recognition for individuals and products in the Eclipse Community
- Eclipse Product Awards
 - Best Commercial Development Tool
 - Best Commercial RCP Applications
 - Best Open Source Development Tool
 - Best Open Source RCP Application
 - Best Enterprise Deployment of Eclipse
- Nominations will open mid-December

Eclipse PluginFest



- January 23-24 in London UK
- Interoperability and compatibility testing between different Eclipse based solutions
 - Focus on embedded and mobile solutions
- Organizations planning to attend include Nokia, Symbian, Wind River, QNX, Lynuxworks, ARM, Sony Ericsson
- No cost to attend but you must pre-register
- More details at <http://www.eclipse.org/community/pluginfest/>
- Thanks to Symbian for hosting and sponsoring the Event

How to Get Involved



- Marketing Working Group
 - Propose a new working group
- Marketing Mailing List
- Send product announcements to news@eclipse.org
- Eclipse Aggregator: Planet Eclipse
 - <http://planetecclipse.org/planet/>
- Eclipse Foundation Employee Blogs
 - Mike Milinkovich
 - <http://milinkovich.blogspot.com/>
 - Bjorn Freeman-Benson
 - <http://eclipse-projects.blogspot.com/>
 - Ian Skerrett
 - <http://ianskerrett.blogspot.com/>
 - Donald Smith
 - <http://eclipse-ecosystem.blogspot.com/>

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Project Update

Bjorn Freeman-Benson
December 2, 2006

Project Changes Last 100 days



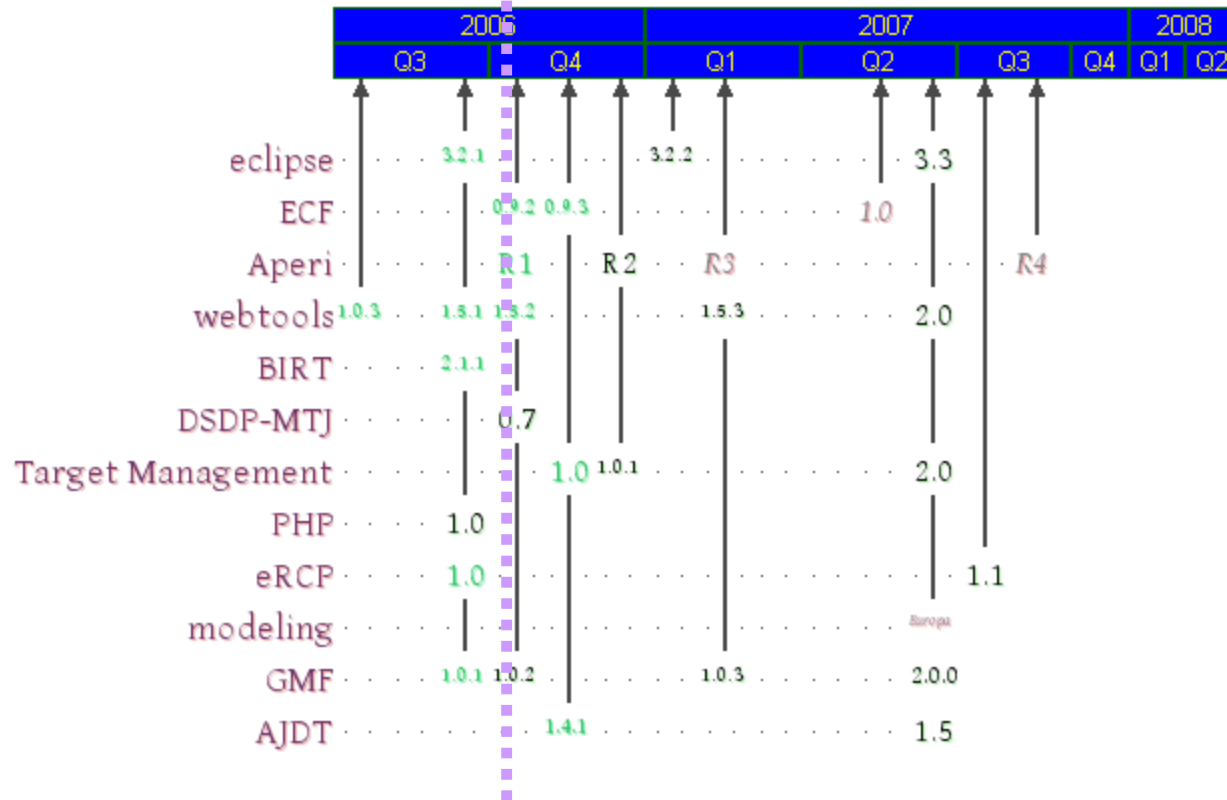
- DSDP ♦ Mobile Tools for Java - 0.7 released
- DSDP ♦ Target Management / RSE - 1.0 released
- Modeling ♦ Model-to-Text (M2T) Transformation - proposal posted
- Modeling ♦ Model Development Tools - provisioned
- Tools ♦ AspectJ Development Tools – moved from Technology
- Tools ♦ AspectJ Development Tools - 1.4.1 / 1.5.3 released
- Technology ♦ Parallel Tools Platform - 1.0 released
- Technology ♦ SVN Team Provider - proposal updated
- Technology ♦ Aperi Storage Management Project - provisioned
- Technology ♦ Embedded Rich Client Platform - 1.0 released
- Technology ♦ The Eclipse Orbit Project - provisioned
- Technology ♦ The Eclipse Process Framework Project - 1.0 released
- Technology ♦ ECM Rich Client Platform (Apogee) - provisioned
- Technology ♦ Kepler - proposal posted
- Technology ♦ Rich Server Platform - User Interface - proposal updated
- Technology ♦ The Eclipse on Linux (Linux Distro) Project - created
- Technology ♦ Mylar - 1.0 released
- Technology ♦ g-Eclipse - created

Project Structure



- Platform
- Business Intelligence and Reporting Tools Platform
- Data Tools Platform
- Device Software Development Platform
 - MJT eWideStudio
- (incubation) SOA Tooling Platform
- Modeling
- Test and Performance Tools Platform
- Tools
 - CDT GEF
 - EMF COBOL
 - Visual Editor UML2
- Web Tools Platform
 - JavaServer Faces
- Technology

Next N Releases (not being kept current ☹)



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

Review Schedule



- <http://www.eclipse.org/projects/>
- also an RSS feed

| | | |
|------------------|---|--|
| Wed, 06 Dec 2006 | TPTP | 4.3 Release Review (slides, project log) at 1600 UTC |
| Wed, 06 Dec 2006 | IDE for Laszlo | Archive Release Review (slides) at 1600 UTC |
| Wed, 06 Dec 2006 | COSMOS | Creation Review (slides) at 1600 UTC |
| Wed, 06 Dec 2006 | Model-to-Model Transformation | Creation Review (slides) at 1600 UTC |
| Wed, 06 Dec 2006 | Dynamic Languages Toolkit | Creation Review (slides) at 1600 UTC |
| Wed, 06 Dec 2006 | Eclipse Community Education Project (ECESIS) | Archive Release Review (slides) at 1600 UTC |
| Wed, 20 Dec 2006 | The Subversive Project | Creation Review (slides) at 1600 UTC |

IP Zilla



- More transparency in the IP approval process (thanks to Janet and Denis and many others)
- Available to committers
- Results added to each project's IP Log

IPzilla

[Bugzilla](#) Version 2.22

Search by CQ number

You may find a single CQ by entering its CQ id here:

Actions: [Home](#) | [New](#) | [Search](#) | | [Reports](#) | [My Requests](#) | [Log out](#) bjorn.freeman-benson@eclipse.org

Edit: [Prefs](#)

Saved Searches: [My CQs](#) | [to process](#)

CQs to the new saved search:

Europa Simultaneous Release



- Successor to Callisto
- http://wiki.eclipse.org/index.php/Europa_Simultaneous_Release
- More projects this year
 - AJDT, BIRT, Buckminster, CDT, Corona, DSDP/DD, DSDP/TM, DTP, EMF, GEF, GMF, Platform, TPTP, Web Tools, ECF, MDT
- Same rules as last year
 - e.g., a simultaneous release, not a unified release

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Revised Development Process

Bjorn Freeman-Benson
December 1, 2006

Process and Goals



- Three main goals:
 - Synchronize the process as-written and as-practiced
 - Increase community awareness and participation of, and in, the process
 - Include formal mentoring as one way to help Projects work towards high-quality extensible frameworks
- Discussed at Board meeting – June 2006
- Draft of revised document on wiki – September
- Public newsgroup and wiki discussion – October-November
- Blog post series by Bjorn (17 posts) – October-November
- Discussion with Board working group (3 sessions) – Oct-Nov
- Board vote – December 13

http://wiki.eclipse.org/index.php/Development_Process_2006_Revision_Final

http://wiki.eclipse.org/index.php/Development_Process_2006_Revision

Principles



- Open Source Rules of Engagement
- Quality Culture
- Collective Reputation
- Eclipse Ecosystem
- Three Communities
- Clear and Concise
- Freedom, Autonomy, and Evolution
- Just Enough Process

Open Source Rules of Engagement



- **Open** - Eclipse is open to all; Eclipse provides the same opportunity to all. Everyone participates with the same rules; there are no rules to exclude any potential contributors which include, of course, direct competitors in the marketplace.
 - As a further explanation of Receptive, we include **Permeable** and **Receptive** - Projects are open to new ideas and new committers; not just in words, but in fact. In other words, those outside the core can, and do, influence and join the project.
- **Transparent** - Project discussions, minutes, deliberations, project plans, plans for new features, and other artifacts are open, public, and easily accessible.
- **Meritocracy** - Eclipse is a meritocracy. The more you contribute the more responsibility you will earn. Leadership roles in Eclipse are also merit-based and earned by peer acclaim.

Summary of Major Changes



- **Diversity** – not mentioned in the original Development Process; the Board is discussing whether to add diversity as a goal to the revised Development Process
- **Mentors** – Incubating projects have official mentors from the Architecture Council
- **Top-Level Graduation** – top-level projects must incubate as sub-projects and then graduate
- **All-Hands Review Votes** – reviews are week-long with an all-members vote
- **Contribution Notification** – major new features and contributions will be announced via the members mailing list

Community Feedback



- Many thanks to: **Jochen Krause, Rich Main, Jeff McAffer, Tim Wagner**
- Thanks to: **Nick Boldt, Ed Burnette, Winston Damarillo, Anurag Gupta, Scott Lewis, Lawrence Mandell, Daniel Megert, Ed Merks, David Orme, Kevin Parker, Mitch Sonies, Eran W**
- Your name could be lights too! Comments are still welcome and encouraged on the wiki:
http://wiki.eclipse.org/index.php/Development_Process_2006_Revision
or to your Board members or in the newsgroup:
eclipse.foundation

Source Documents



- **Final proposed Development Process:**
[http://wiki.eclipse.org/index.php/Development_Process_2006_Revisi
on_Final](http://wiki.eclipse.org/index.php/Development_Process_2006_Revisi
on_Final)
- **Draft proposed Development Process:**
[http://wiki.eclipse.org/index.php/Development_Process_2006_Revisi
on](http://wiki.eclipse.org/index.php/Development_Process_2006_Revisi
on)
- **Newsgroup discussions (see those labeled with [EDP]):**
<http://dev.eclipse.org/newslists/news.eclipse.foundation/maillist.html>
- **Original 2003 Process:**
[http://www.eclipse.org/org/documents/Eclipse%20Development%20
Process%202003_11_09%20FINAL.pdf](http://www.eclipse.org/org/documents/Eclipse%20Development%20
Process%202003_11_09%20FINAL.pdf)
- **2005 Clarifications:** http://www.eclipse.org/projects/dev_process/
- **Bjorn's blog:** <http://eclipse-projects.blogspot.com/>

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Google Web Toolkit

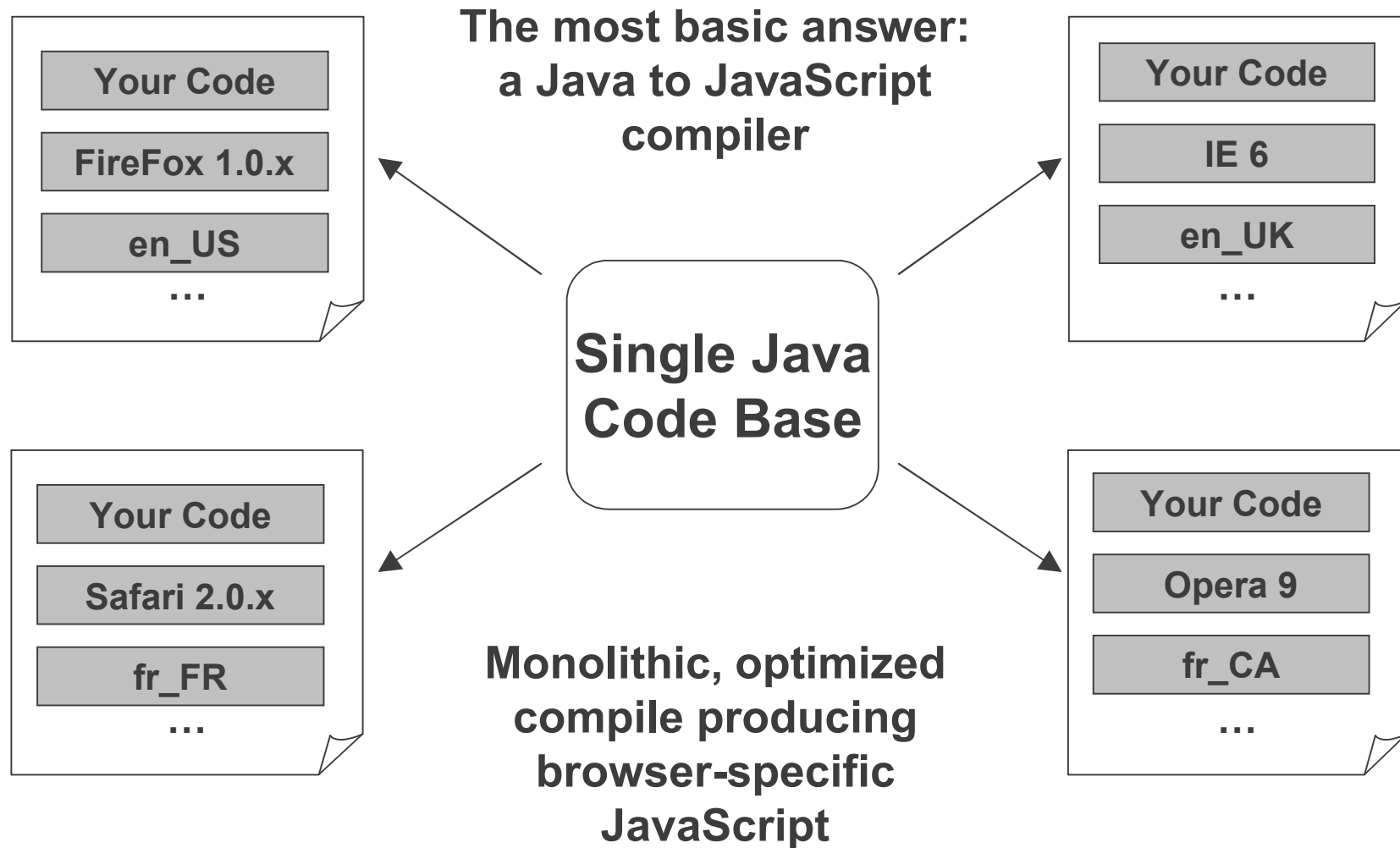
code.google.com/webtoolkit



Scott Blum
Google, Inc.

scottb (@) google.com





GWT "Hosted" Mode



The screenshot displays the GWT development environment. On the left, a code editor shows the `Hello.java` file with the following content:

```
/*
 * Copyright 2006 Google Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License"); you
 * may not use this file except in compliance with the License. You may
 * obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied. See the License for the specific language governing
 * permissions and limitations under the License.
 */
package com.google.gwt.sample.hello.client;

import com.google.gwt.core.client.EntryPoint;
import com.google.gwt.user.client.Window;
import com.google.gwt.user.client.ui.Button;
import com.google.gwt.user.client.ui.ClickListener;
import com.google.gwt.user.client.ui.RootPanel;
import com.google.gwt.user.client.ui.Widget;

public class Hello implements EntryPoint {

    public void onModuleLoad() {
        Button b = new Button("Click me", new ClickListener() {
            public void onClick(Widget sender) {
                Window.alert("Hello, AJAX");
            }
        });

        RootPanel.get().add(b);
    }
}
```

In the center, the Google Web Toolkit Development Shell is running on port 8888. It shows a log message: `Starting HTTP on port 8888`. The shell includes buttons for `Hosted Browser`, `Collapse All`, `Expand All`, and `Clear Log`.

On the right, a Microsoft Internet Explorer browser window is open to the URL `http://localhost:8888/com.google.gwt.sample.hello.Hello/Hello.html`. The browser displays a button labeled `Click me`. A dialog box titled `Microsoft Internet Explorer` is overlaid on the browser, showing a warning icon and the text `Hello, AJAX` with an `OK` button.

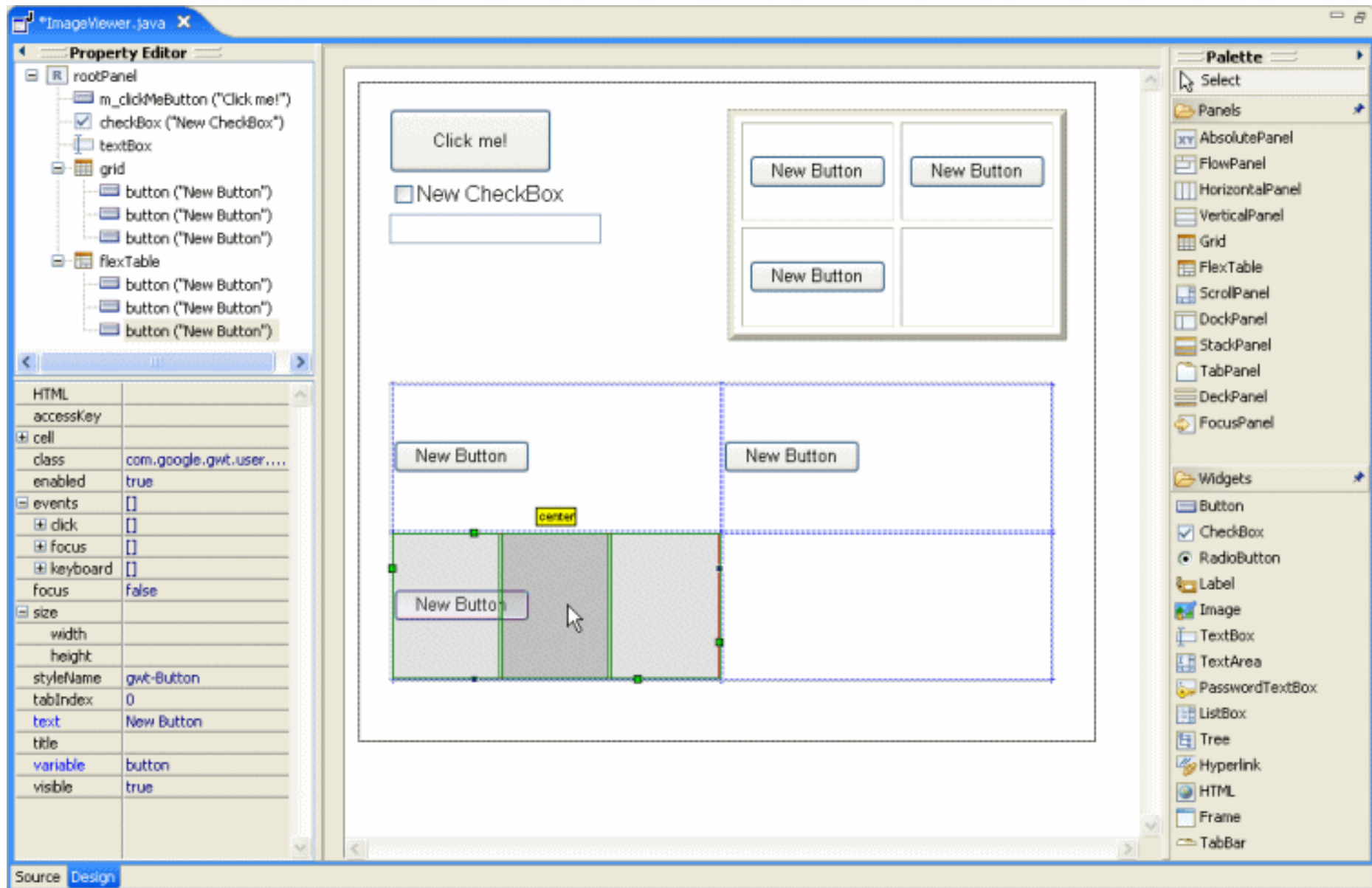
Our Eclipse Plugin – JavaScript Helper



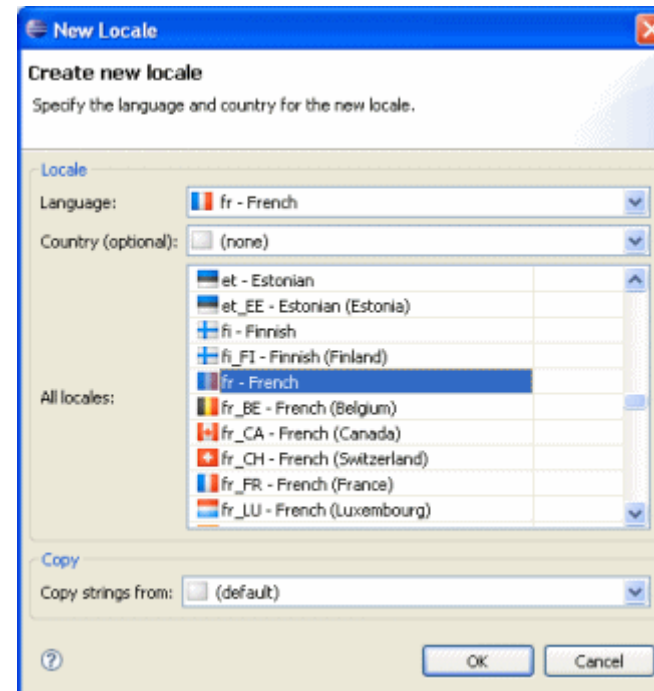
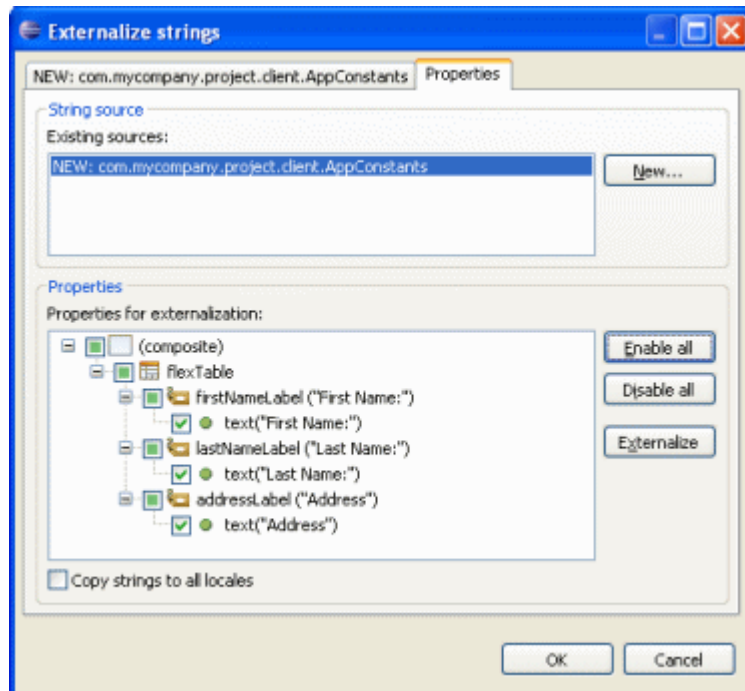
```
86
87     $wnd.addEventListener(
88         'mouseout',
89         function(evt){
90             var cap = $wnd.__captureElem;
91             if (cap) {
92                 if (!evt.relatedTarget) {
93                     // When the mouse leaves the window during capture, release capture
94                     // and synthesize an 'onlosecapture' event.
95                     $wnd.__captureElem = null;
96                     if (cap.__listener) {
97                         var lcEvent = $doc.createEvent('UIEvent');
98                         @com.google.gwt.user.client.DOM::dispatchEvent(Lcom/google/gwt/user/client/Event:Lcom/google/gwt/
99                     }
100             }
101         }
102     }
103 );
104
105 $wnd.addEventListener('click', $wnd.__dispa
106 $wnd.addEventListener('dblclick', $wnd.__di
107 $wnd.addEventListener('mousedown', $wnd.__d
108 $wnd.addEventListener('mouseup', $wnd.__dis
109 $wnd.addEventListener('mousemove', $wnd.__d
110 $wnd.addEventListener('keydown', $wnd.__dis
111 $wnd.addEventListener('keyup', $wnd.__dispa
112 $wnd.addEventListener('keypress', $wnd.__di
113
114 // Set up normal event dispatcher.
115 $wnd.__dispatchEvent = function(evt) {
116     var listener, curElem = this;
117     while (curElem && !(listener = curElem.__listener))
118         curElem = curElem.parentNode;
119     if (curElem && curElem.nodeType != 1)
120         curElem = null;
121
122     if (listener)
123         @com.google.gwt.user.client.DOM::dispatchEvent(Lcom/google/gwt/user/client/Event:Lcom/google/gwt/user/c
124 };
125
126 $wnd.__captureElem = null;
127 }-*/;
```

- eventGetCtrlKey(Lcom/google/gwt/user/client/Event;)
- eventGetFromElement(Lcom/google/gwt/user/client/Event;)
- eventGetKeyCode(Lcom/google/gwt/user/client/Event;)
- eventGetRepeat(Lcom/google/gwt/user/client/Event;)
- eventGetScreenX(Lcom/google/gwt/user/client/Event;)
- eventGetScreenY(Lcom/google/gwt/user/client/Event;)
- eventGetShiftKey(Lcom/google/gwt/user/client/Event;)
- eventGetTarget(Lcom/google/gwt/user/client/Event;)
- eventGetToElement(Lcom/google/gwt/user/client/Event;)
- eventGetType(Lcom/google/gwt/user/client/Event;)

Instantiation's GWT Designer - WYSIWYG



Instantiation's GWT Designer – I18N



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The Dali Java Persistence API Tools

The Road to 1.0

Shaun Smith
shaun.smith@oracle.com
Project Co-Lead
ORACLE



Salvador Dalí. The Persistence of Memory. 1931.
© 2005 Salvador Dalí, Gala-Salvador Dalí
Foundation/Artists Rights Society (ARS), New York



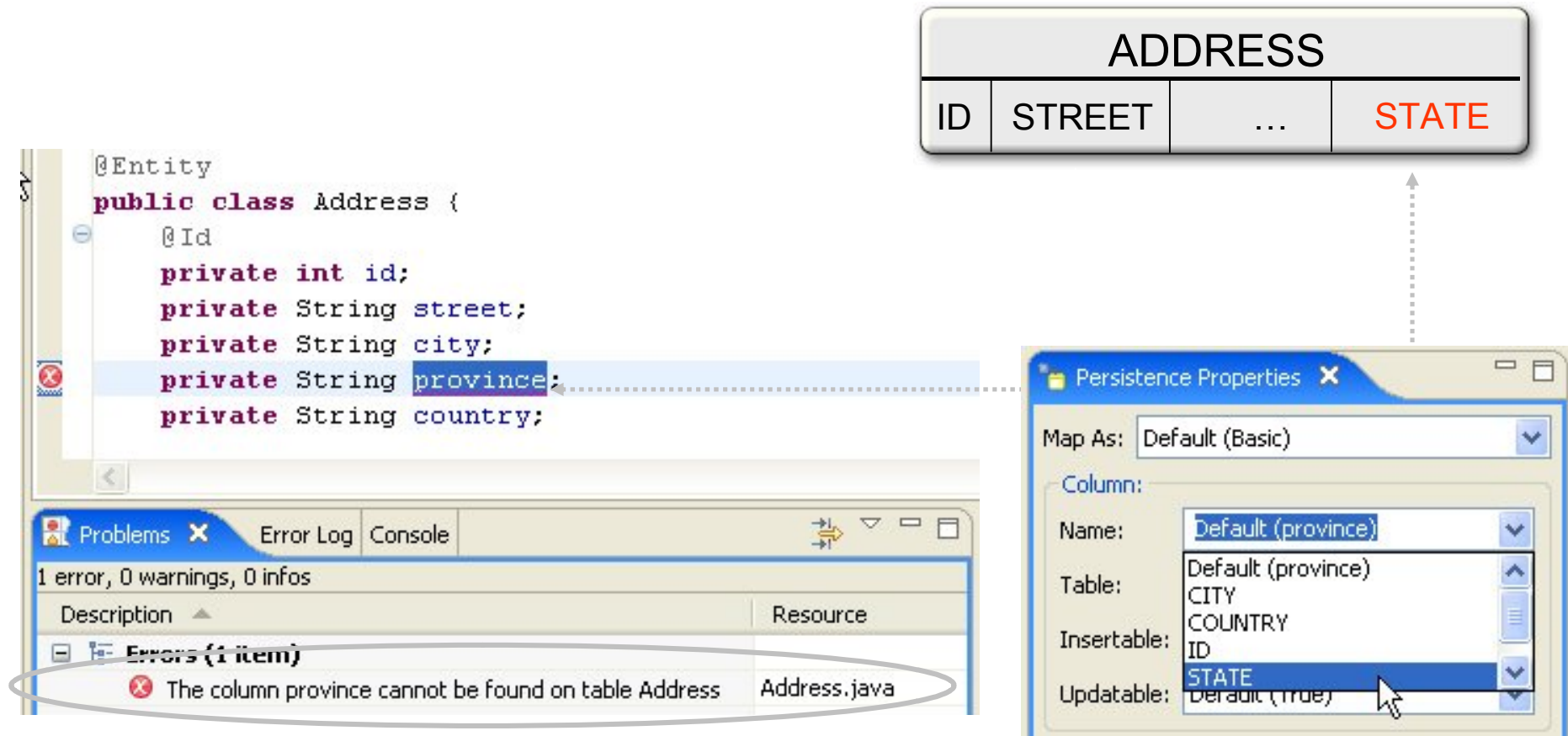
About Dali

- Support for the definition, editing, and deployment of Object-Relational (O/R) mappings for Java Persistence API (JPA) Entities (JSR 220).

```
@Entity public class Customer {  
  
    @Id  
    private long id;  
    @Column(name="CUST_NM")  
    private String name;  
    ...  
}
```

- Simplify mapping definition and editing through:
 - intelligent mapping assistance
 - dynamic problem identification
 - creation and automated mapping wizards
- Extensible frameworks and tools so vendors and open source projects can provide specific support for their JPA runtimes
- Incubating under the Web Tools Platform (WTP) project

JPA Mapping Validation & Assistance



ADDRESS

| | | | |
|----|--------|-----|-------|
| ID | STREET | ... | STATE |
|----|--------|-----|-------|

```

@Entity
public class Address {
    @Id
    private int id;
    private String street;
    private String city;
    private String province;
    private String country;
}
    
```

Problems | Error Log | Console

1 error, 0 warnings, 0 infos

| Description | Resource |
|--|--------------|
| Errors (1 item) | |
| The column province cannot be found on table Address | Address.java |

Persistence Properties

Map As: Default (Basic)

Column:

Name: Default (province)

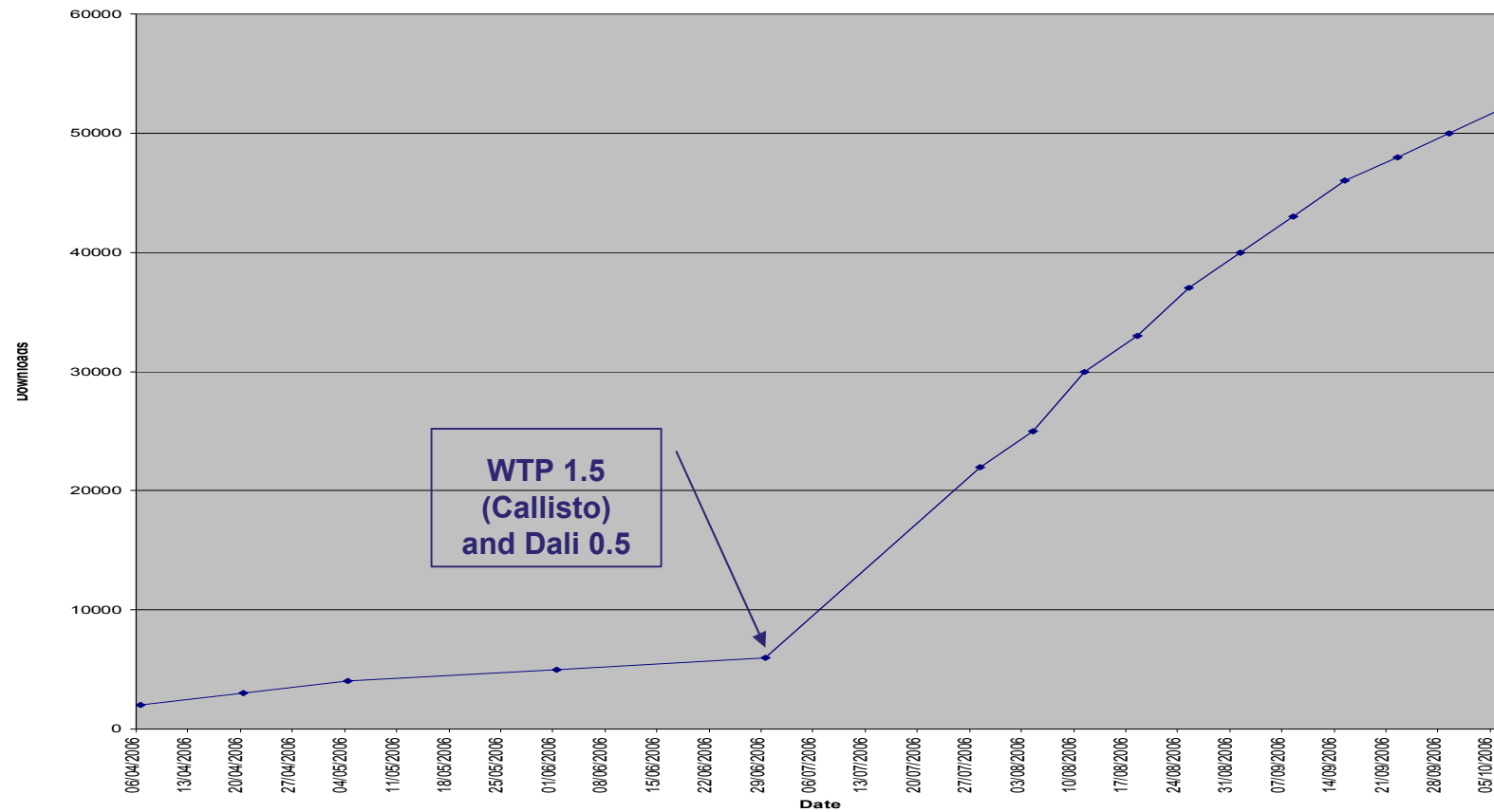
Table: Default (province), CITY, COUNTRY, ID

Insertable: ID

Updatable: STATE, Default (true)

Project Metrics

Dali Download History





Release Plan

- Dali 0.5 (WTP 1.5—Callisto June 2006)
 - Integration with WTP RDB components
 - Design time validation of mappings against object and data model (including unspecified default mappings)
 - Persistence Property view supports mapping using database schema
 - Majority of JPA Mapping Annotations supported
 - Wizards for Entity Generation from tables and DDL generation from mapped Entities
 - Integrated F1 Help
- Dali 1.0 (WTP 2.0—Europa June 2007)
 - Support for XML mapping metadata (orm.xml)
 - Support for remaining O-R Mappings (XML and Java Annotations)
 - Design time validation for XML and Java Annotations mappings as well as the combination as defined by the spec.
 - Migrate from WTP RDB to Data Tools Platform (DTP) for database access.
 - First class component of WTP—integrated as project facet



Dali Adoption

- Oracle
 - Providing majority of resources for Dali
 - Planning to extend Dali with Oracle TopLink and TopLink Essentials extensions
- RedHat/JBoss
 - Incorporating Dali into JBossIDE as part of Hibernate/JPA toolset
- BEA
 - Considering incorporating Dali into BEA Workshop
- SAP
 - Shipping Dali in Eclipse based SAP NetWeaver Developer Studio Java EE 5 preview

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Mylar

A Task-Focused UI for Eclipse

For Eclipse users

- Integrates task management
- Automates context management

For developers and integrators

- Provides framework for tasks and context

Mik Kersten, project lead

Eclipse.org Members' Meeting, December 5, 2006, made available under the EPL v1.0

Overview

The screenshot displays the Eclipse IDE interface with the following components:

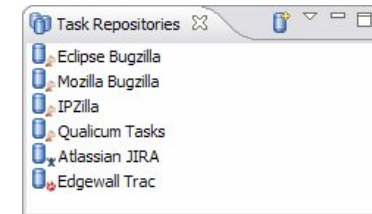
- Package Explorer:** Shows the project structure for 'org.eclipse.mylar.ide.tests' and 'org.eclipse.mylar.team'. Key files include 'ChangeSetManagerTest.java', 'CommitMessageTest.java', 'ChangeSetManager.class', and 'ContextChangeSetManager.java'.
- Main Editor:** Displays the bug report for ID 117517, titled '117517: add support for commit comment templates'. The report includes:
 - Attributes:** ID: 117517, Opened: Tue Nov 22 11:18:00 PST 200...
 - Description:** (Empty)
 - Attachments:** A table listing several patch files:

| Description | Type |
|---|----------------------------|
| CommitTemplatesForMylar Patch | patch |
| Reworked patch (now with dynamic extensi... mylar/context/zip | text/plain application/zip |
| Reworked patch (now with dynamic extensi... | patch |
| CommitTemplatesForMylar_patch (fixed an ... | patch |
| CommitTemplatesForMylar_patch (now with... | patch |
 - Comments:** A 'New Comment' section with the text: 'Reviewing now... problem similar to [bug 154324](#)'.
- Task List:** A list of tasks and bugs, including '117517: add support for co...', '155044: show completed/archi...', and '152416: consider increasing im...'. The current task is '117517: add support for co...'. Below the list is a 'Synchronize' section for CVS (Workspace).

Engaging

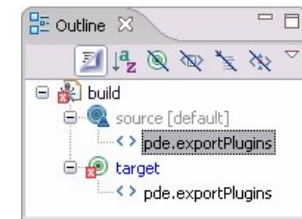
Task repository providers

- Bug/task/issue/project trackers can add connectors



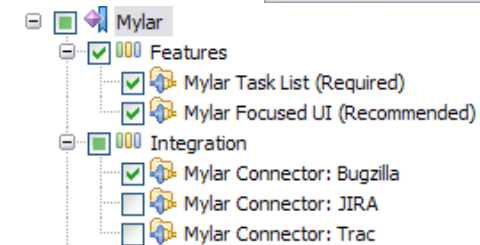
Tool providers

- Languages and domain-specific tools can add bridges



Bundling

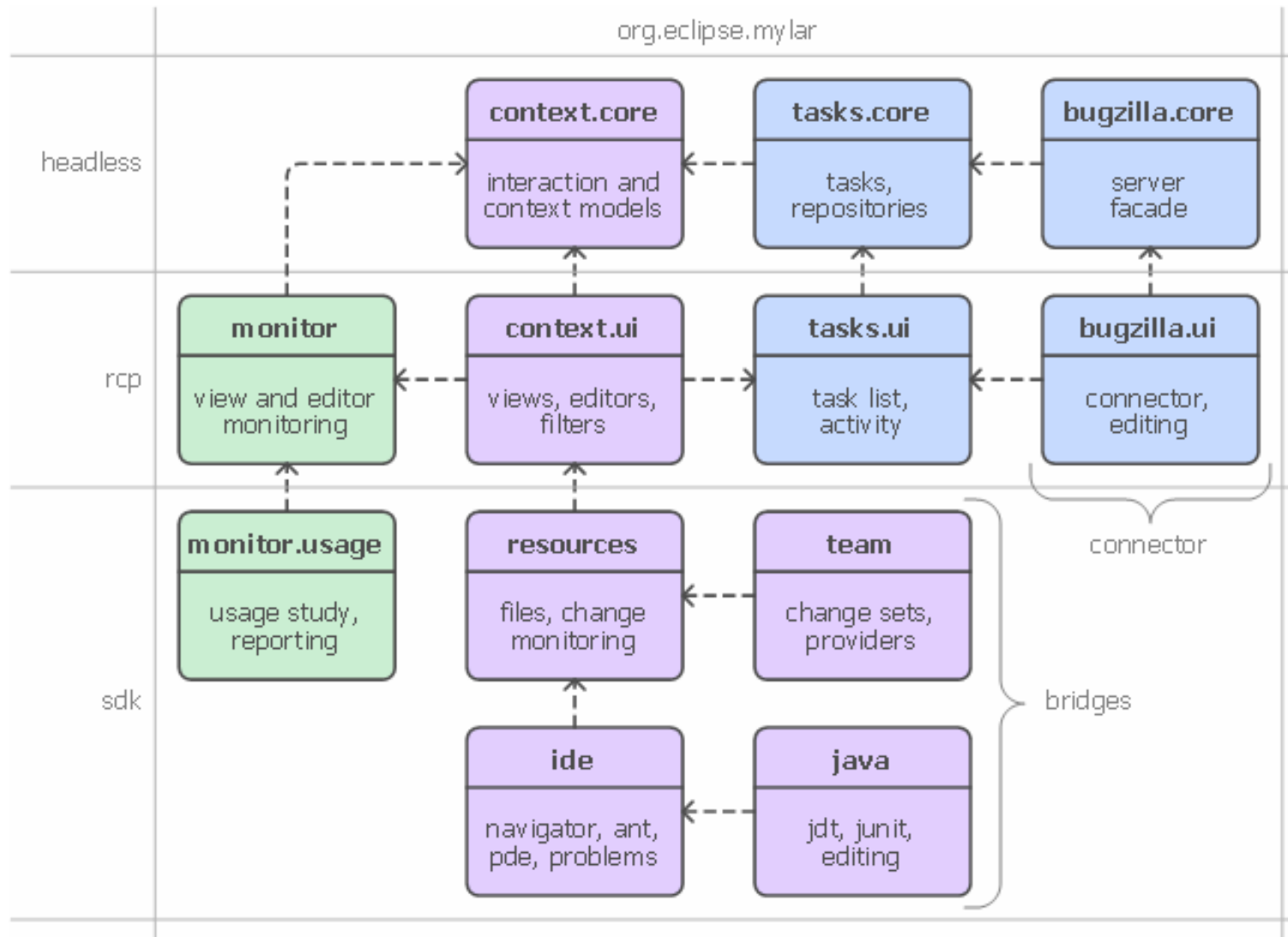
- Features can be redistributed separately



Getting involved

- eclipse.technology.mylar newsgroup for general questions
- mylar-dev@eclipse.org for integration questions
- Project lead: mik.kersten@eclipse.org
- File bug reports for integration-specific discussion
- Project is very transparent and permeable

Frameworks



Status

Releases

- 2005-Q2: 0.3 validation & user study release
- 2005-Q4: 0.4 first public release
- 2006-Q2: 0.6 for Callisto
- 2006-Q4: 1.0
- 2007-Q2: 2.0 for Europa

Stats

- 2063 bugs opened, 1579 resolved (total)
- Over 200 bugs resolved via patches (2006)
- 27K update manager installs, 7K redistributable site downloads (2006)

Feedback

- "Revolutionize your productivity with Eclipse Mylar" (Riyad Kalla)
- "..arguably the most productivity-enhancing idea since background compilation and all of the things that enables (namely refactoring and syntax highlighting)." (David Orme)

Summary

Once tasks are explicit

- Dramatic reduction in information overload
- Multi-tasking and recalling old tasks become effortless
- UI automation (e.g. perspectives, change sets, commit messages)

Leveraging Eclipse's extensibility

- Hard to impossible to do this without openness and modularity
- Keeps developers in Eclipse and out of the browser and inbox

Changing how we use the IDE

- Statistically significant improvement in developer productivity

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AIP Rep Feedback & Q&A