

Eclipse Galileo & JBoss Tools

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JBoss By Red Hat
10061

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JUNE 22-25, 2009 ZURICH



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Agenda

Context

Eclipse Galileo ?

JBoss Tools ?

What matters to me

Reduced UI Clutter

Library Management

Update Manager

Must see's!

Summary

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Eclipse Galileo

A Release train of 33+ Eclipse Projects

ACFT, BIRT, Buckminster, CDT, DLTK, DSDP, DTP, ECF, Dali, Platform, JDT, PDE, Equinox, EMF, EPP, GEF, GMF, JDT, MAT, MDT, M2M, M2T, Mylyn, PDT, RAP, Riena, STP, Subversive, Swordfish, TMF, TPTP, WTP

<http://www.eclipse.org/downloads/>

Release date: 24. July 2009

Java, JEE, C/C++, PHP, Mobile bundles

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Open Bugs: 0 Downloads: 10,375 More...

 **Eclipse IDE for Java EE Developers (0 MB)**
 Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn and others.
 Open Bugs: 19 Downloads: 5,490 More...

Windows
 Mac OS X (Carbon)
 Mac OS X (Cocoa)
 Linux 32bit
 Linux 64bit

+



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JBoss Tools

Umbrella project for a set of Eclipse plugins that supports JBoss and related technology

First class support for

Hibernate, JBoss AS, Drools, jBPM, JSF, (X)HTML, Seam, Smooks, JBoss ESB, Smooks, JBoss Portal and more...

Extends, improves and add beyond what Eclipse provides out- of- box

Available from <http://jboss.org/tools>

One Big Bundle or Bundle per framework

JSF Visual Editing

Supports JSF, Facelets, HTML etc.

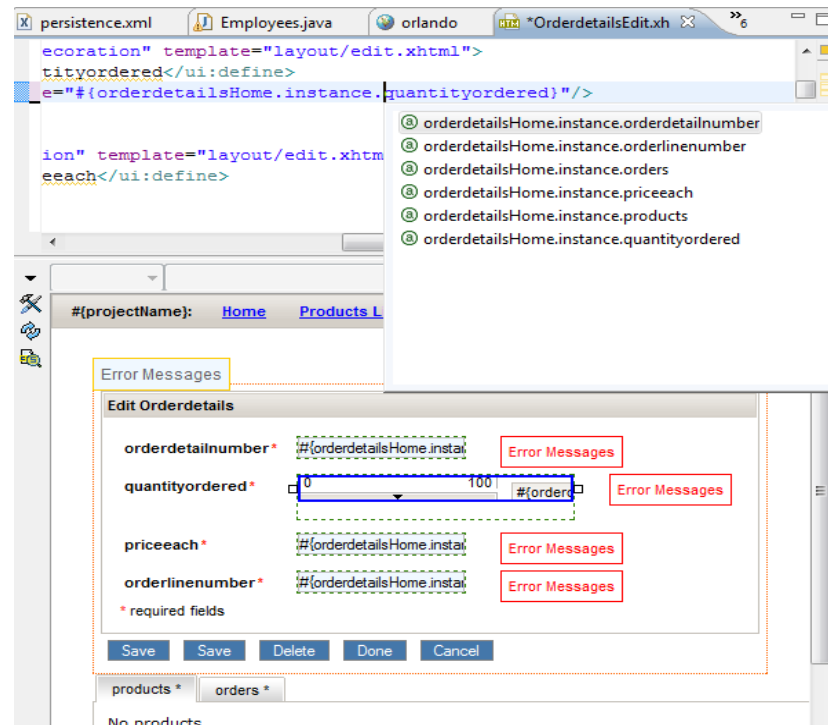
Includes and CSS stylings are honored

Rendering by a real browser engine (Mozilla)

EL expression completion incl. Seam components

OpenOn (F3) on expressions

Find EL references (Ctrl+ Shift+ G)



Seam

Seam Wizards

Hot deploy automatically setup

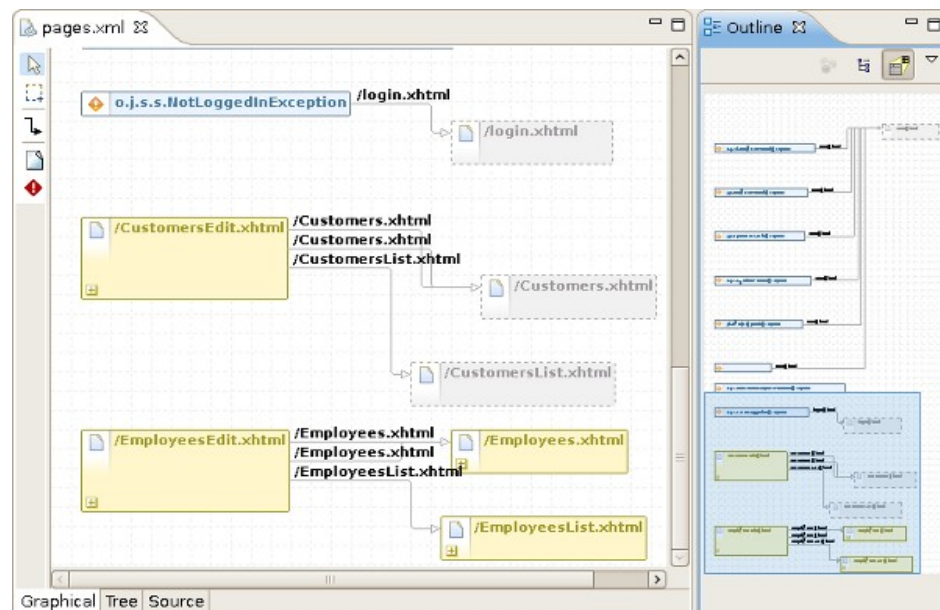
Validation of Seam constructs

EL understanding in java, pages.xml, etc.

Refactoring

Components.xml editor

pages.xml editor



...and more...

Hibernate

JBoss AS

Drools

Smooks

JBPM

JBoss Portal

JBoss ESB

JBoss WebServices

Struts 1.x

...

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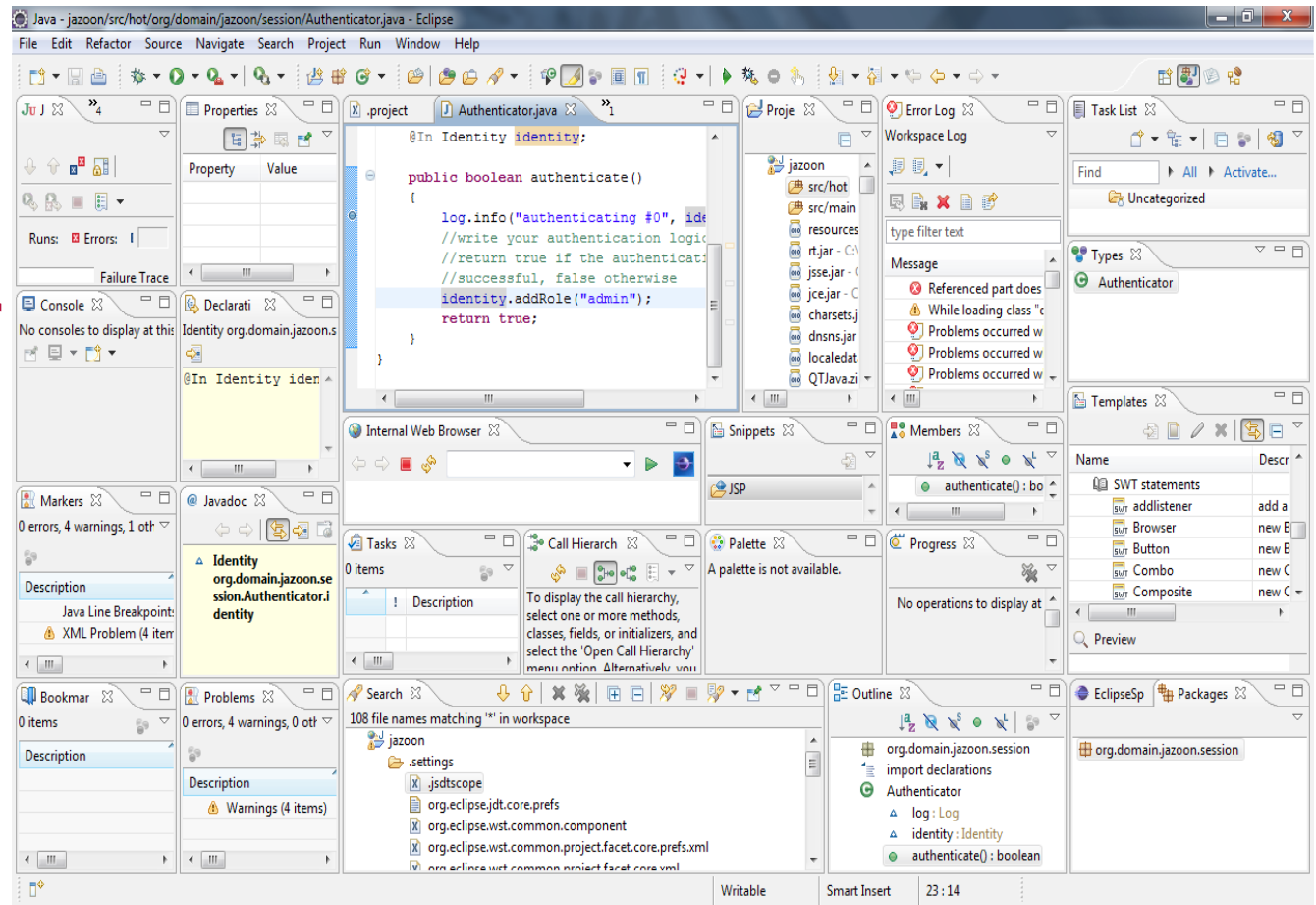


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Reduced UI Clutter



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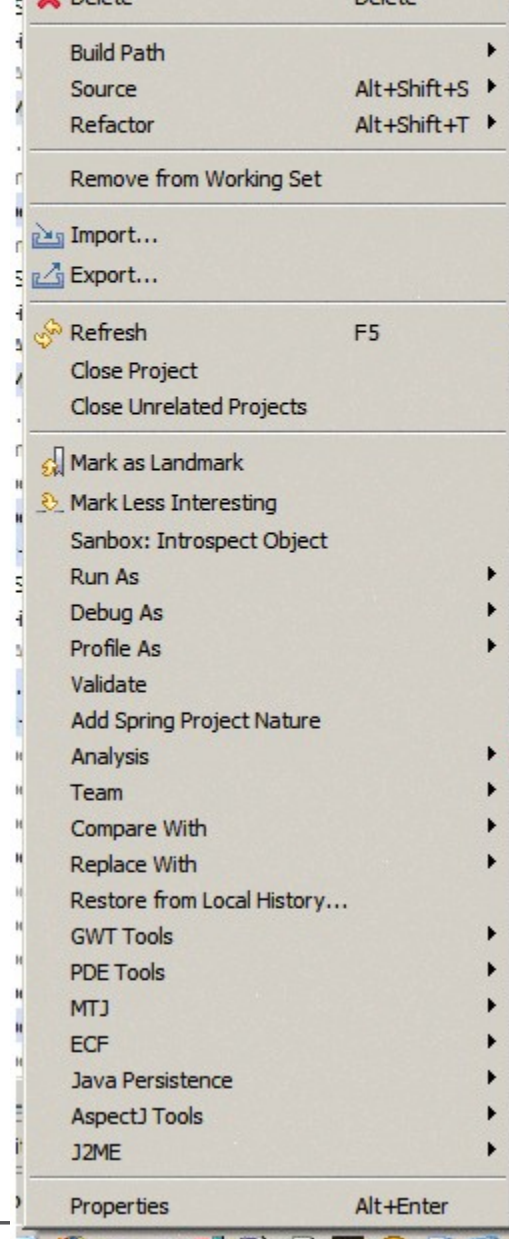
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The Context Menu

Fighting for a cleaner UI!

All plugins before Eclipse 3.5 were
polluting the context menu



The Configure Menu

For Users:

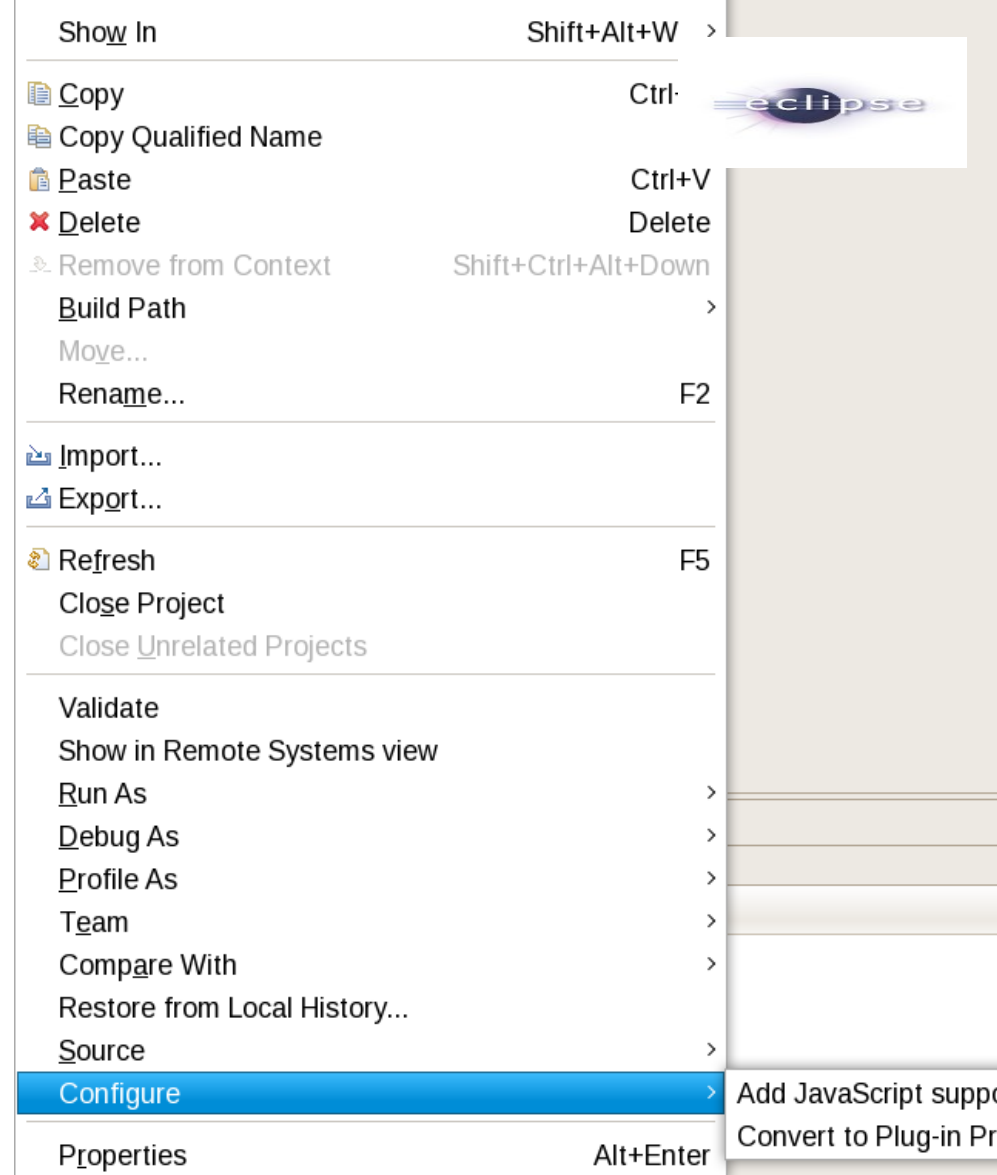
- Less confusing menu

- More screen space

For Plugin Developers:

- Easy to enable

<http://bugs.eclipse.org/231611>



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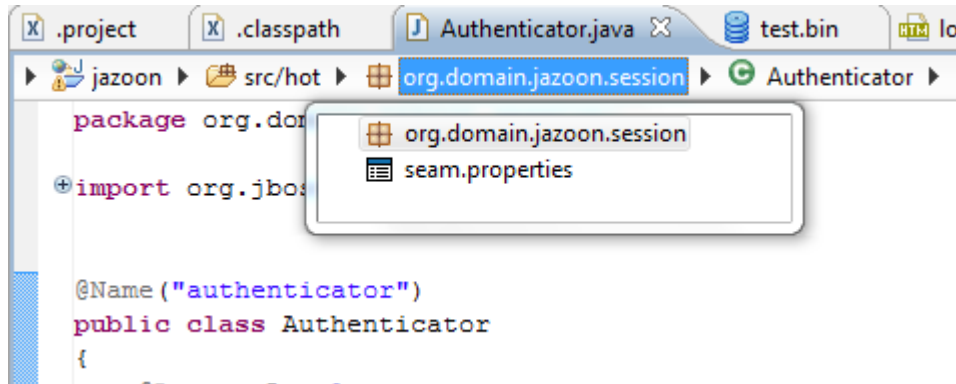
<http://twitter.com/jbosst>

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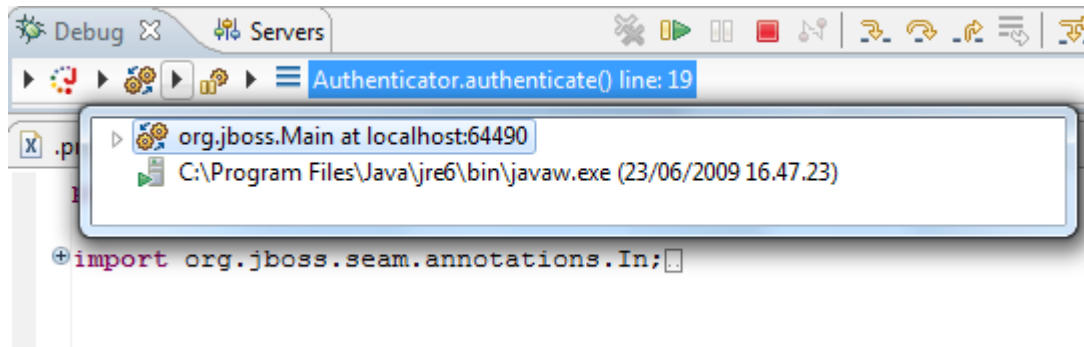


Bread Crumbs

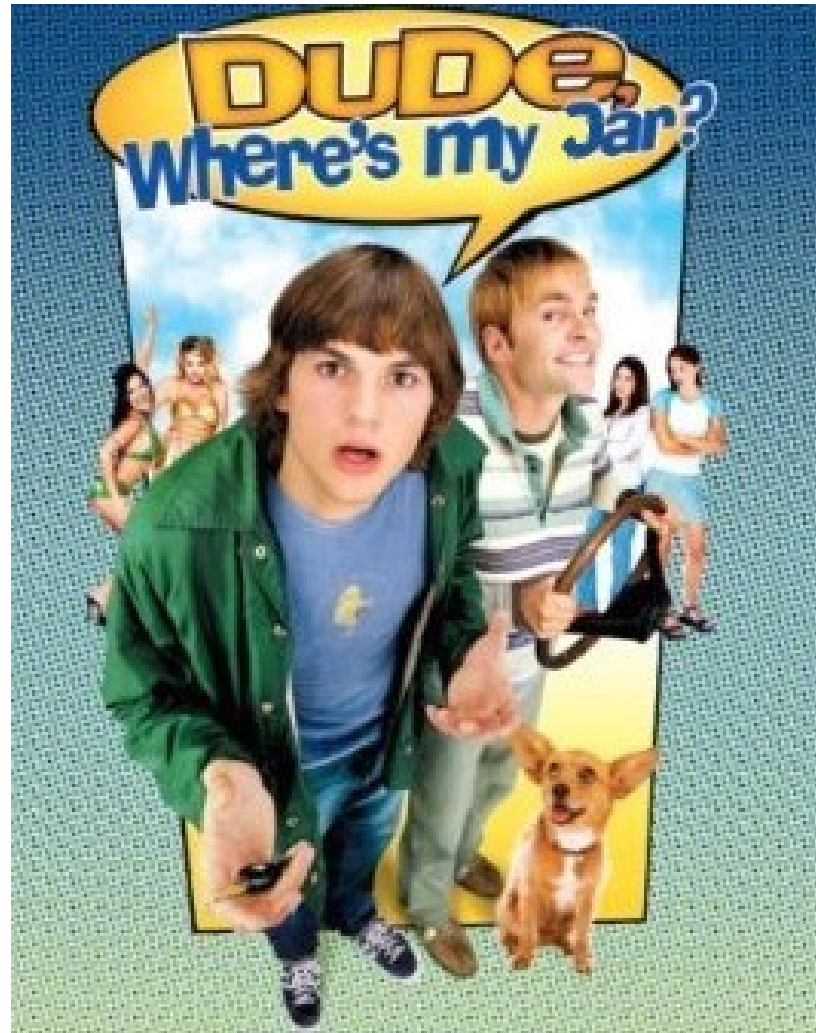
Java Editor



Debugger



Library Management



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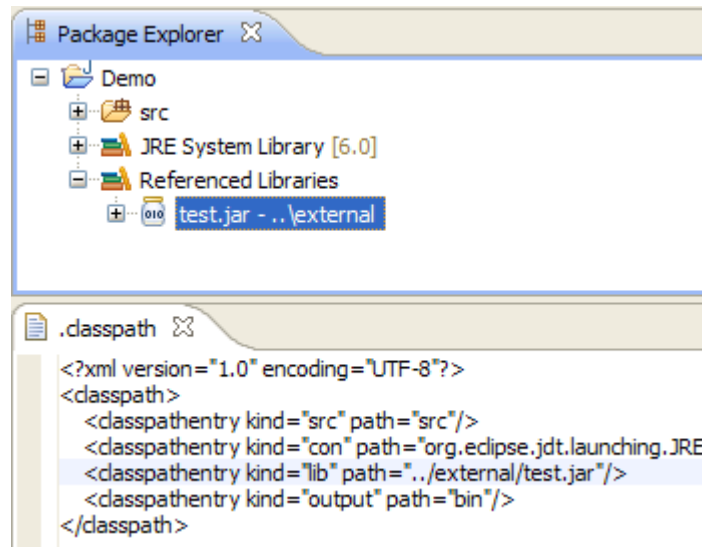
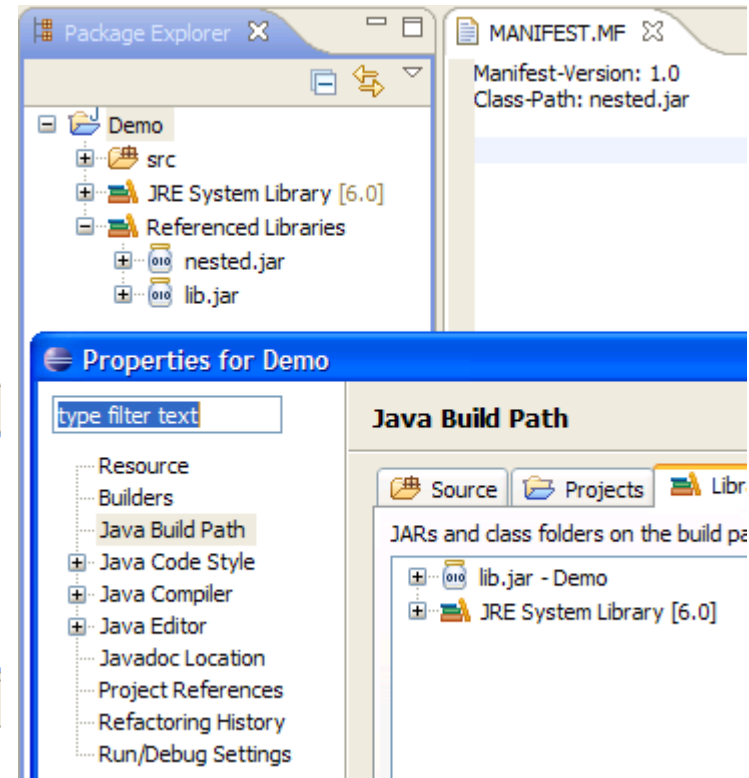


Library Management

JDT listens to your manifest.mf

Supports relative out- of-
workspace references

WTP finally understands JEE5 EAR
lib



Library Management

Allow Project Facets to delegate the task of providing libraries

For Users:

Better control

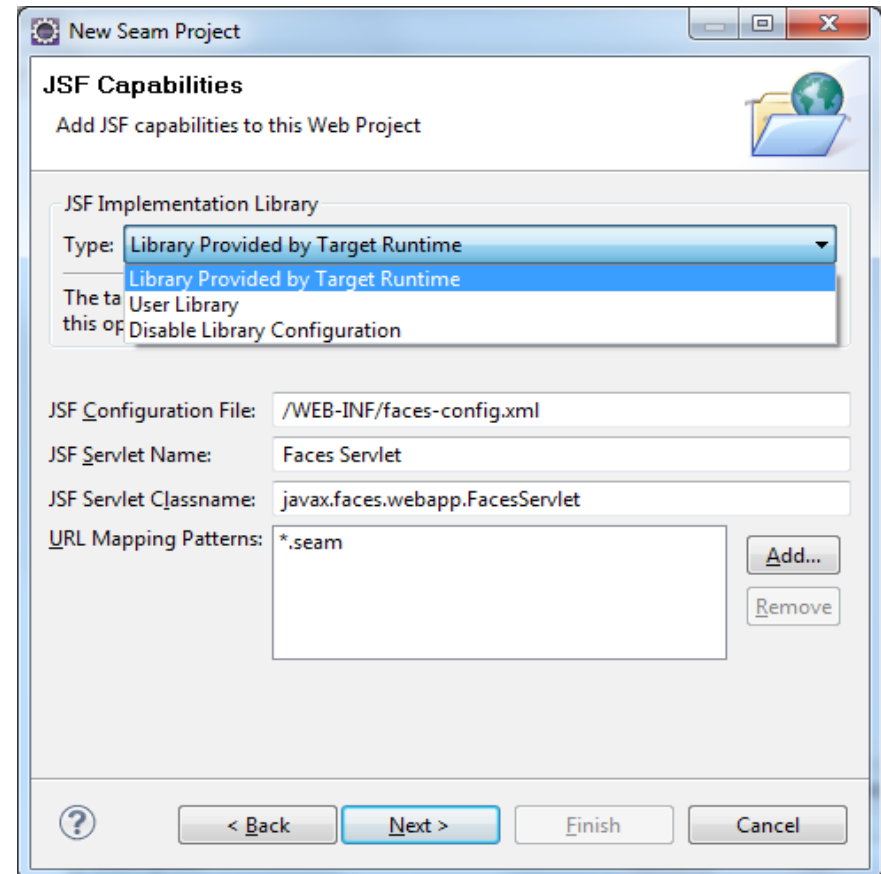
Can better use tools like Ivy/ Maven in conjunction with Eclipse

For Plugin Developers:

Easy to extend with or without UI

`org.eclipse.jst.common.project.facet.core.libraryProviders`

<http://bugs.eclipse.org/246448>



Maven Integration

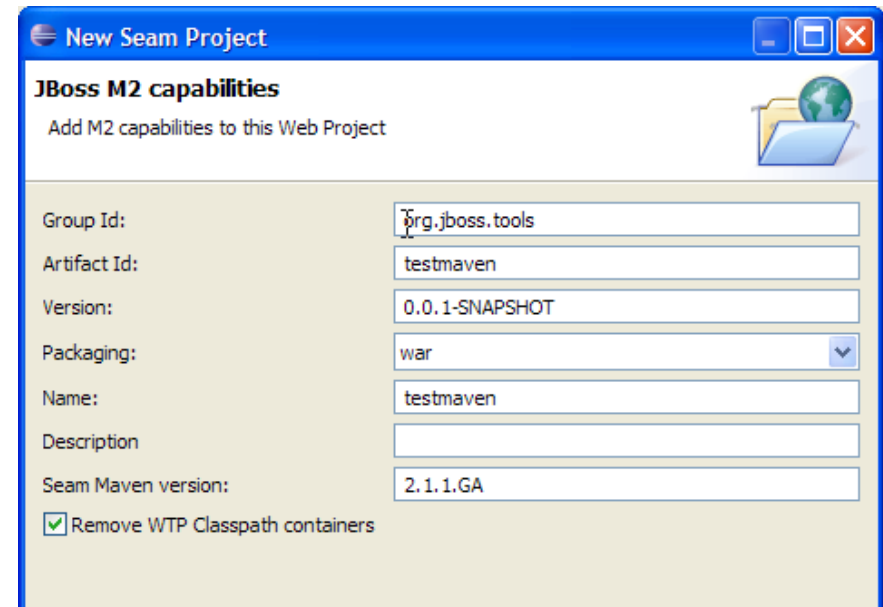
Will allow Maven users to better integrate with Eclipse WTP, Seam and other JBoss Tools projects

For Users:

Allow to use Maven command line **and** IDE

Use Maven Library Provider for other facets

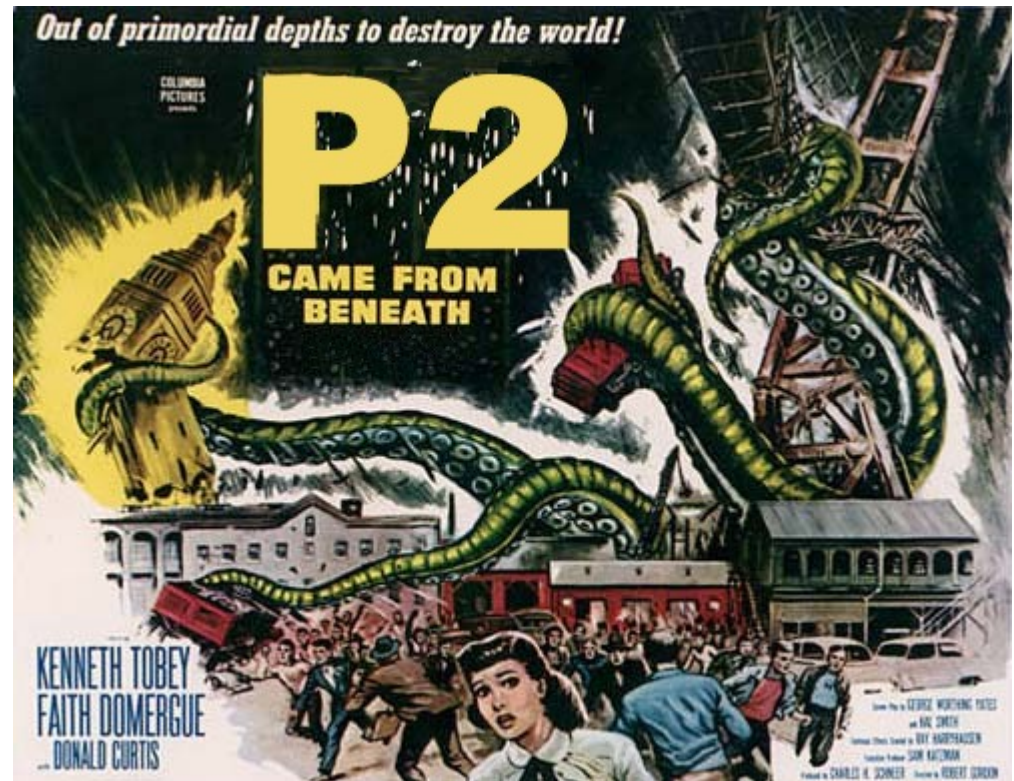
Depends on m2eclipse, but only if you use Maven



JBIDE- 3874 +

<http://screencast.com/t/bOv02oc>

Update Manager



The Update Manager

P2 finally grows up!

Received more fixes than any
other component in 3.4

Major fixes/ improvements in
3.5!

For Users:

Now more in control

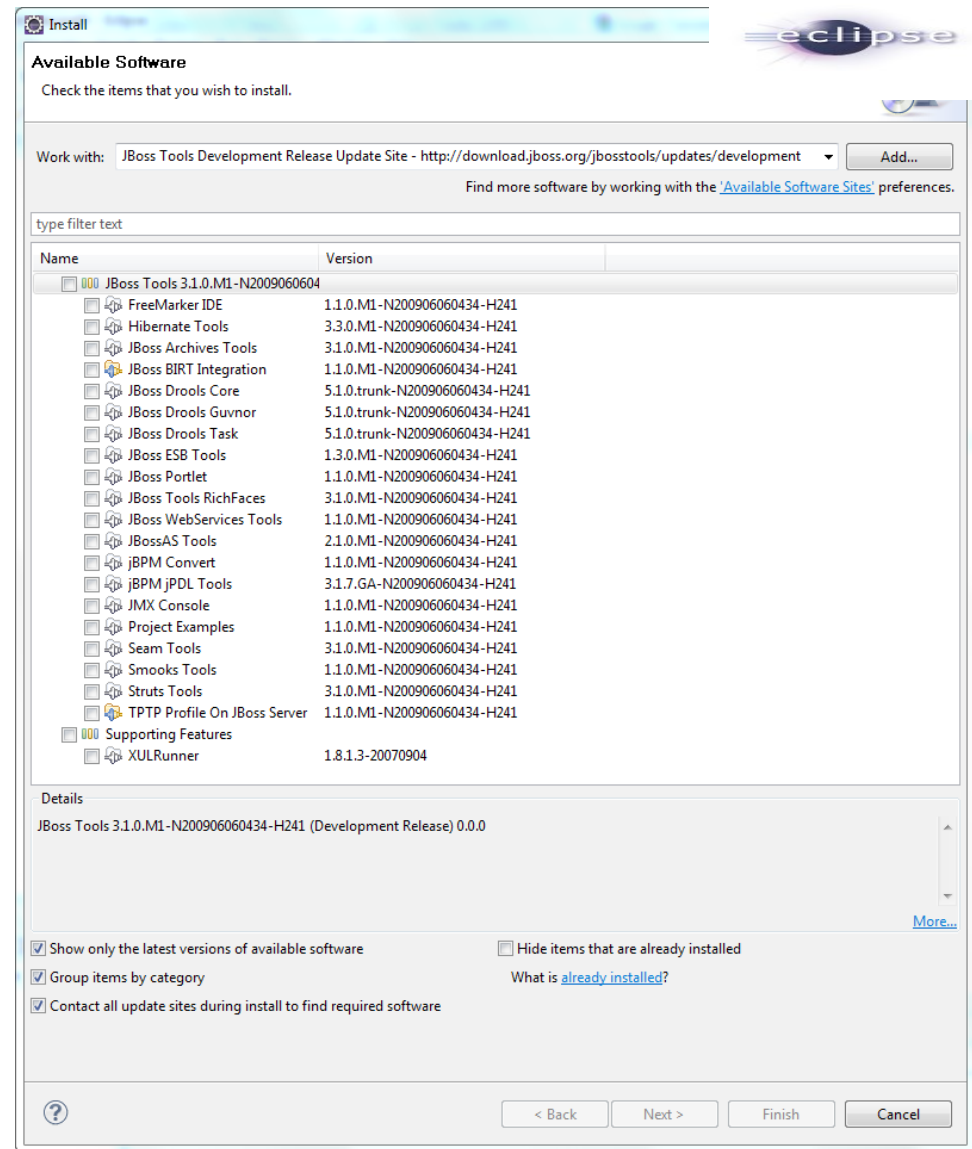
Less frustration

For Developers:

Less problems

Still need to be careful
about updatesite content

Drop Dropins :)



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JBoss Tools and P2

All dropins- zip distributions to be discontinued

Pure updatesite distribution

<http://download.jboss.org/jbosstools/updates/>

+ downloadable archived updatesites per component

Use P2 for building bundles gives:

SDK builds

P2 Update sites



Don't Miss It!

The Must See's!

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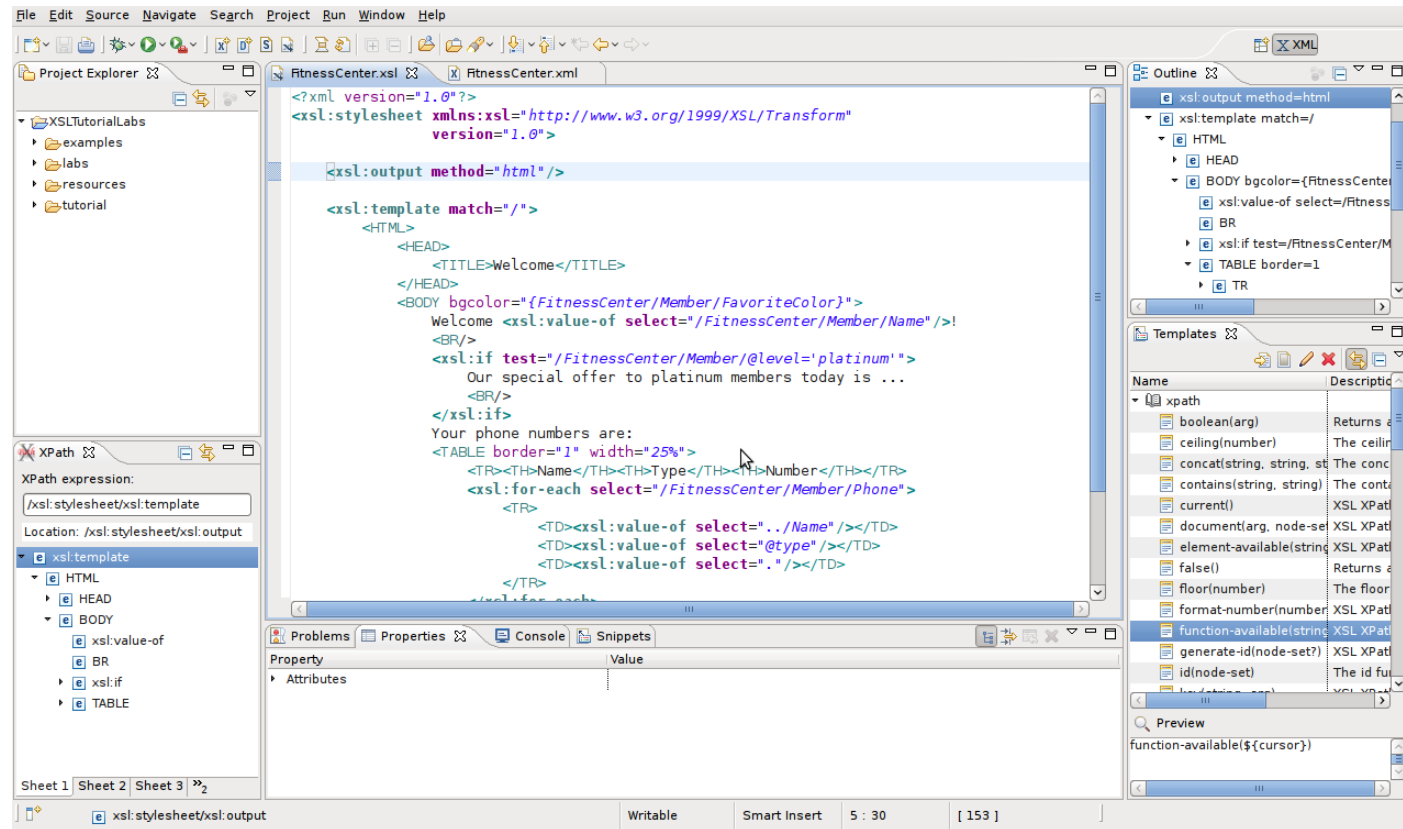
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XML Editing

More Compliant
Better XCatalog
XSL Editor
XPath
XSL Run

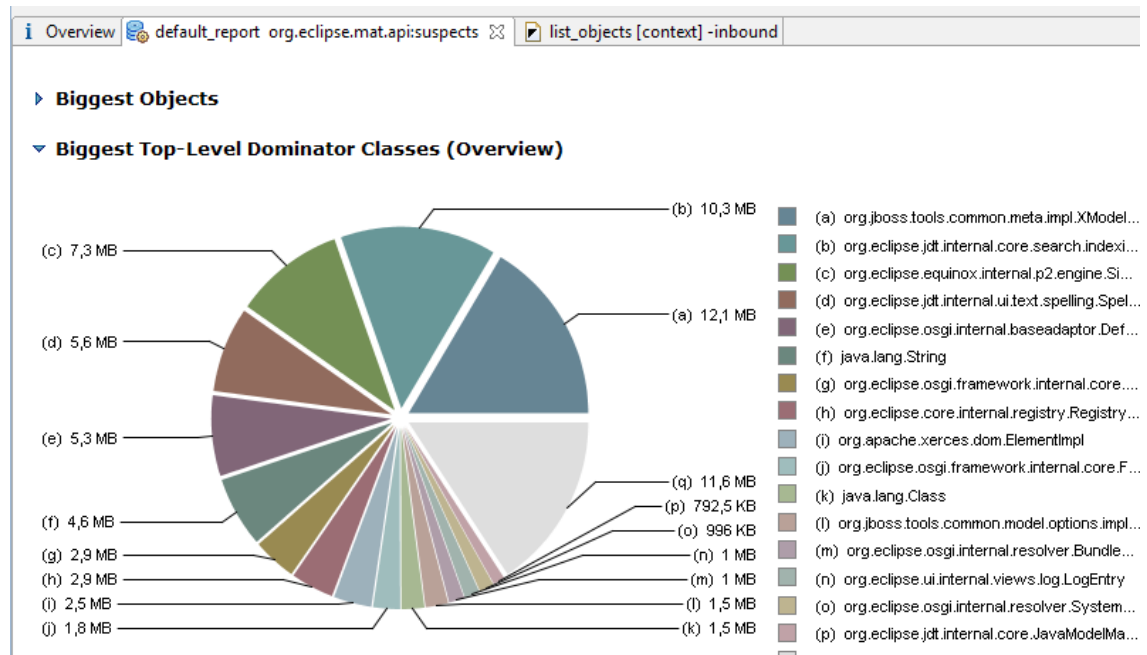


Eclipse Memory Analyzer

Simple and effective memory statistics

jmap -dump:format=b,file=heap.bin <pid>

Open heap.bin



JBoss Profiler

Simple and effective performance statistics

Enable JBoss Profiler on any launch from Eclipse

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Summary

Galileo is a big release, but the thing i'm most exited about:

- Reduced UI Clutter

- P2 Finally Works

- Library Management improved

- Memory Analyzer and XSL Tools are worth checking out!

JBoss Tools extends Galileo

- AS, Hibernate, Seam, JSF, Maven, ...

Available Today!

<http://eclipse.org> & <http://jboss.org/tools> (development/ nightly updatesite)

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Questions ?

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