Web Tools Platform Incubator
XSL 0.5 Release Review

Pre-1.0 Release Review Materials
August 13, 2008
Prepared by David Williams and XSL team

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Introduction and Purpose

This document is to fulfill the requirements of the [Eclipse Release Review](#) [1] for WTP XSL 0.5 planned for release on August 20th, 2008.

History

The Eclipse XSL component was originally proposed in November of 2007. See the [original mailing list post](#) and the [original XSL proposal](#).

Project and Component Organization

The XSL component is one of the components of the WTP Incubating Project, which itself is a sub-project of the Web Tools Platform project.

WTP

Below is the list of current WTP projects and project leads as of July, 2008.

Project	Lead
Common: tools and infrastructure not directly related to web tools, but required by Web Tools Platform	Konstantin Komissarchik, Oracle
Dali (JPA Tools): infrastructure and tools for JPA applications	Neil Hauge, Oracle
EJB Tools: EJB creation wizards, preferences, future annotation tools	Kaloyan Raev, SAP
Java EE Tools: Common Project Infrastructure, JEE models, preferences, classpath model, publish api, refactoring	Chuck Bridgham, IBM
JSF Tools: infrastructure and tools for Java Server Faces.	Raghu Srinivasan, Oracle
Server Tools: tools and infrastructure to define and interact with servers.	Tim Deboer, IBM
Source Editing: xml, dtd, xsd (and sse infrastructure) html, css, javascript, jsp	Nitin Dahyabhai, IBM
Web Services: Web services wizards and frameworks, Axis1 & Axis2 support, Web Servcies Explorer, WSDL Editor	Kathy Chan, IBM
Release Engineering: contains the code and scripts to do builds, various tests, API scans, etc.	David Williams, IBM
WTP Incubator: a general purpose incubation project other WTP Projects to use when incubation is desired.	David Williams, IBM
ATF (incubating): infrastructure and tools for AJAX	Philippe Ombredanne, nexB
Datatools (RDB): tools for working with databases. Primarily moved to DTP, but the quiescent sub-project of WTP is doing 1.5 maintenance	Der Ping Chou, IBM

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1   http://www.eclipse.org/projects/dev_process/release-review.php

WTP PMC Organization

Our Project Management Committee, as of July, 2008, is made up of 6 members, each having a WTP-wide management role, in addition to what ever project-specific roles they have. In the execution of their tasks within these roles, the PMC members will form groups, organize meetings, etc., to accomplish their goals. In other words, they don't do all the work ... they just manage it!

Member	Role
David Williams, IBM	PMC Lead, and Planning Role
Tim Deboer, IBM	Architecture
Neil Hauge, Oracle	Quality
Kaloyan Raev, SAP	User Experience
Raghu Srinivasan, Oracle	Requirements
Naci Dai, Eteration	Education

WTP Incubating Project

The WTP Incubating project was initially formed with all the WTP Project leads as seed committers, so they could monitor, mentor, and govern the incubating components. Each incubating component must be aligned with one of the main sub-projects in WTP and in this case, XSL is affiliated with the Source Editing subproject. This affiliation primarily is required to make sure our incubating projects stay in scope of WTP, but secondarily to decide in advance where its likely home would be once the component graduates.

XSL Component

While technically, all WTP Incubating committers are committers on any sub-component of the incubating project, in practice, there are component teams that do the work. For the XSL component, this is team is:

Doug Satchwell	Lead
David Carver	
Jesper Steen Møller	

WTP XSL 0.5 Goals

The primary goal of the 0.5 release is to provide a stable release, with all the main functionality working. This is partially to encourage end-users to take advantage of XSL in Eclipse, and open bugs and enhancement requests for the eventual 1.0 release. It is also to allow adopters to make use of this release in their own releases. While those adopters know (and have to live with) the risk that it is still an incubating project, it is at least an IP clean release of code that can be counted on to "stay around" for some length of time (unlike a milestone, which is deleted once there is a release).

Noteworthy Features added for this release

We document all our [new and noteworthy items](#)[2] for each milestone, for every release. The following summarizes the functionality provided with this release.

o XSLT Debugging using Xalan 2.7.1 or higher – Allows for the debugging of XSL files using the eclipse debug framework. Users can set break points and view variables and nodes.

o XML Perspective – Working with XML only projects is not necessarily the same as working on Web Projects or JEE projects.   The XML perspective provides the views and necessary shortcuts that are most commonly used with XML projects.

o XSLT Launch and Debug configurations – The user has the ability to create Launch and Debug scenarios for XSL. This allows for easier execution of XSL transformations. Users have the ability to pass vairables, execute transformations in a pipeline (I.e. execute XSL 1, XSL 2, XSL 3, XSL 4, passing the output of the first transformation to the second).

o XSLT Aware XML Editor – the XSL Tools extends the existing WTP XML editor to provide XSL specific functionality.   It provides awareness of XSL 1.0 or XSL 2.0 stylesheets and loads the appropriate grammar for validation.   Content assistance is available for select and test attributes for Xpath expression completion.

o XSLT and Xpath validation – The XSL Tools leverages the WTP 3.0 Validation framework to provide as you type validation as well as Batch validation using the existing Validation Framework and builders.

o Xpath View and Xpath navigator – Two views are available for the user to use Xpath to navigate a particular XML document.   Xpath View allows for navigation of the currently active editor, where as the Xpath Navigator View takes a particular XML document as input and provides querying ability using the Xpath 1.0 language.

o XSLT New File Wizard – Allows for the creation of XSL specific files based on XSL Templates defined in the Preference pages.   Users can add new XSL Templates that can be made available to the wizard.

o XSLT Processor Invoker and Debugger Extension Points – Adopters can add their own specific XSLT processors and debugging support.   By implementing the XSLT debugging interfaces, adopters can add support for their own processors within the XSL Tools.

o Xinclude ANT Task – An xinclude ant task has been included to allow for the batch exceution of Xinclude processing. Xinclude allows you to combine multiple XML files into one file. It uses and Xpath extension language called Xpointer.   It is commonly used in DITA and DocBook authoring scenarios.

o Xpath Templates – The XSL Tools project includes templates for content assistance for Xpath 1.0 for axis, operations, and functions. It also includes place hodlers for Xpath 2.0 and EXSLT extensions.

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2 http://wiki.eclipse.org/XSLT_Project/NewAndNoteWorthy

Non-Code Aspects

Developer and API Documentation

- Developer SDK Documentatin for API on Xpath View, and XSLT Debugging.
- Adopters can use the standard org.eclipse.text.templates extension point to contribute additional templates to both XSLT and Xpath.

End-User Documentation and Examples

- The XSLT end user documentation is included for the Preference Pages and XSLT Editing.
- Basic documentation is in place for the Launch and Debugging support.

APIs

In general we provide APIs according to [Eclipse Quality API standards](#) [3]. But, in this 0.5 release, not too much attention has been given to APIs. This will receive more attention after the 0.5 release.

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[3]   http://www.eclipse.org/projects/dev_process/eclipse-quality.php

Quality (Bugzilla)

Bugzilla statistics

The statistics in this table reflect activity since the project started:

Bugs opened	131
Bugs resolved	94
Fixed	82
Wontfix	4
Duplicate	5
Not Eclipse	1

Standards

W3C and OASIS standards

- XSLT 1.0, XSLT 2.0
- Xinclude 1.0
- Xpath 1.0

UI Usability

We are familiar with, and follow, the [Eclipse User Interface Guidelines](#) .[4]

We have participated in a UI walk through, prior to this release.

- [XSL Tools User Preferences Walkthrough - July 23, 2008](#)

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4   http://wiki.eclipse.org/index.php/User_Interface_Guidelines

Schedule

XSL 0.5 has had 5 predictable milestones, each shortly after WTP milestones, before this release. The series of milestones started with "M4" simply to line up with the milestone names used by WTP.

The specific planned dates and actual dates are listed in the following table:

Milestone	Planned	Actual
M4	1/22	1/22
M5	2/29	3/1
M6	4/4	4/4
M7	5/2	5/8
M8	6/20	6/23

Communities

Committers and Contributors

There a number of active committers from several companies (including individuals, not affiliated with a member company).

- Committer elections and removals have followed charter principles
- Continuing to recruit additional contributors (organizations and individuals)
- Open communications via mailing lists and newsgroups: wtp-pmc, wtp-dev, wtp-releng, wtp-incubating-dev.

Open and inclusive release planning and tracking processes

- Bugzilla used to request and track all defects, enhancements, and milestone plans
- Additional reports (defect summaries, test stats, etc) used to enhance planning / tracking

All contributions made directly to Eclipse CVS

- Nightly, weekly integration builds, and release builds available to the community

Leveraged other open source technologies in the project

- Built upon Eclipse Platform and WTP components plus some common engines from XSL open source community.

End-User Community

Steady download activity for each milestone.

- While the absolute numbers are not accurate (since many downloads and installs are done from mirror sites, which are not counted) we take the relatively stead download activity to indicate a moderate and sustained interest in this XSL component:

Milestone	Downloads
M8	543
M7	509
M6	316
M5	527
M4	400

Substantial website content

- Download links, New & Noteworthy, mailing lists, presentation DB
- Tutorials, documentation, presentation summary,
  - Doug Satchwell has written an article and submitted to the Eclipse Corner for possible publication.
  - David Carver has written an article on Authoring with Eclipse that uses XSL Tools for the publishing portion of DocBook related content.

Evangelism and outreach in the market & broader community

- David Carver an XSL Tools Committer has several blog postings available at his blog.
  - Http://intellectualcramps.blogspot.com/
- David Carver attend EclipseCon 2008 and discussed with various parties their about the XSL Tools project.

Adopter Community

Known adopters

- STAR - Standards for Technology in Automotive Retail is an XML Business to Business Standards Organization developing B2B standards for the Automotive, Marine, Powersports, and Heavy Duty truck industries.   STAR has a member XML IDE.   STAR will be releasing it's latest version of the STAR Workbench in October which will use Eclipse 3.4, Web Standard Tools 3.0, and the XSL Tools incubator to provide a XML IDE to it's members.

IP Issues

IP Checks

Component Lead has proof-read, double checked and confirmed the following:

- About files and use licenses are in place as per the Guidelines to Legal Documentation.
- All contributions (code, documentation, images, etc) has been committed by individuals who are either Members of the Foundation, or have signed the appropriate Committer Agreement. In either case, these are individuals who have signed, and are abiding by, the Eclipse IP Policy.
- All significant contributions have been reviewed by the Foundation's legal staff. Include references to the IPZilla numbers of all clearances.
- All non-Committer code contributions, including third-party libraries, have been documented in the release and reviewed by the Foundation's legal staff. Include references to the IPZilla numbers of all clearances.
- All Contribution Questionnaires have been completed
- The "provider" field of each feature is set to "Eclipse.org"
- The "copyright" field of each feature is set to the copyright owner (the Eclipse Foundation is rarely the copyright owner).
- Any third-party logos or trademarks included in the distribution (icons, help file logos, etc) have been licensed under the EPL.
- Any fonts or similar third-party images included in the distribution (e.g. in PDF or EPS files) have been licensed under the EPL.

IP Log and Documentation

Our [5] is complete and has been reviewed by Eclipse Legal. Note, the referenced IP log applies to *all* of WTP, so below are the parts that are specific to the XSL Component.

- A list of third party software distributed with XSL (on top of what ever else is distributed with WTP itself and the Eclipse Platform):

JXPath	1.2 (CQ 2285)	Apache License, 2.0	0.5	We use a bundle from Orbit.
XSLT schema	1.0 (CQ 1749)	W3C	0.5	In org.eclipse.wst.xsl.core
XSLT schema	2.0 (CQ 1750)	W3C	0.5	In org.eclipse.wst.xsl.core
Xinclude schema	1.0 (CQ 2232)	W3C	0.5	In org.eclipse.wst.xsl.core
Xalan	2.7.1 (CQ 1985)	Apache License, 2.0	0.5	We use a bundle from Orbit.

- The name of every committer for this release: Note, technically any committer of the WTP Incubating project can commit to any component in the WTP incubating so, legally, the full list of committers is the long list in WTP Incubator Project as described in the Project IP Log, but in practice the following three committers are responsible for this component:

Doug Satchwell	Lead, doug.satchwell{at}btinternet.com, dsatchwel
David Carver	d_a_carver{at}yahoo.com, dacarver
Jesper Steen Møller	jesper{at}selskabet.org, jmoller

- The name of every non-committer who contributed code via Bugzilla entries, with bug numbers.
  - Lars Vogel – Xinclude Ant Task – Bug 217919, CQ 2142.

- Third party software that can be used with XSL Component that is not in Eclipse IP Log

  Note: Where we list available third party software in this section, we do so only to demonstrate there are choices for end-users. We do not mean to say those are the only available options nor do we advocate the use of any particular one.

  - We provide one XSL engine (Xalan 1.0) that works out of the box, but users choose to install additional XSL engines, such as Saxon 2.0 if they desire. There's no requirement to install it, but naturally every runtime (and version) offers it's own special features.

Appendix 1 contains a static snapshot of our entire IP Log at the end of the release (and, this is the same version that was sent to EMO Legal staff earlier, in a separate note.)

A zip file of all about.html files and non-standard (but approved) licenses was also sent to the Eclipse Foundation legal staff for review, in a separate note but is not included here (the information is, after all, available in our distributed code).

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5   http://www.eclipse.org/webtools/iprelated/ip_log.php

Appendix 1

Web Tools Platform Project IP Log

This log is specifically for WTP -XSL Version 0.5 plus WTP 3.0 (Ganymede Release) and related activity during 2007-2008 development cycle. Please see previous IP log for complete history and information specific to earlier versions.

This is the "flat" version of the ip log, suitable for printing or archiving for a given release.

There are 4 main sections of information:

1. A static, snapshot list of committers for this release

2. A static list of all EPL contributions from non-committers.

3. The list of third party code distributed with this release.

4. A description of other third party dependancies which are not shipped with WTP but which users can make use of, if present

Date of Committers Query: Mon, 02 Jun 2008 17:46:02 EDT

Committer List

Most of the code in WTP, of course, comes from the dedicated work of the WTP Committers. The current, dynamically updated list of Committers and sub-project teams are always available in the Eclipse Portals Eclipse Web Tools Platform Project. The following is a static snapshot of those committers that have contributed to this release.

Committers in Projects releasing code

Common Project

Name	Email	cvs id
Chuck Bridgham	cbridgha{at}us.ibm.com	cbridgha
David Williams	david_williams{at}us.ibm.com	david_williams
Jason Sholl	jsholl{at}us.ibm.com	jsholl
Kathy Chan	kathy{at}ca.ibm.com	kchan
Konstantin Komissarchik	konstantin.komissarchik{at}oracle.com	kkomissarchik
Nitin Dahyabhai	nitind{at}us.ibm.com	nitind
Peter Moogk	pmoogk{at}ca.ibm.com	pmoogk
Kate Price	katep{at}ca.ibm.com	kprice
Carl Anderson	ccc{at}us.ibm.com	canderson
Gary Karasiuk	karasiuk{at}ca.ibm.com	gkarasiu

EJB Tools Project

Name	Email	cvs id
Carl Anderson	ccc{at}us.ibm.com	canderson
Chuck Bridgham	cbridgha{at}us.ibm.com	cbridgha
David Williams	david_williams{at}us.ibm.com	david_williams

Jason Sholl	jsholl{at}us.ibm.com	jsholl
Kaloyan Raev	kaloyan.raev{at}sap.com	kraev
Naci Dai	naci.dai{at}eteration.com	ndai
Rob Frost	rfrost{at}bea.com	rfrost
Kate Price	katep{at}ca.ibm.com	kprice
Kiril Mitov	k.mitov{at}sap.com	kmitov
Dimitar Giormov	dimitar.giormov{at}sap.com	dgiormov

JEE Tools Project

Name	Email	cvs id
Carl Anderson	ccc{at}us.ibm.com	canderson
Chuck Bridgham	cbridgha{at}us.ibm.com	cbridgha
David Williams	david_williams{at}us.ibm.com	david_williams
John Lanuti	jlanuti{at}us.ibm.com	jlanuti
Jason Sholl	jsholl{at}us.ibm.com	jsholl
Konstantin Komissarchik	konstantin.komissarchik{at}oracle.com	kkomissarchik
Kaloyan Raev	kaloyan.raev{at}sap.com	kraev
Naci Dai	naci.dai{at}eteration.com	ndai
Neil Hauge	neil.hauge{at}oracle.com	nhauge
Rob Frost	rfrost{at}bea.com	rfrost
Kate Price	katep{at}ca.ibm.com	kprice
Dimitar Giormov	dimitar.giormov{at}sap.com	dgiormov
Kiril Mitov	k.mitov{at}sap.com	kmitov

Dali Project

Name	Email	cvs id
Brian Vosburgh	brian.vosburgh{at}oracle.com	bvosburgh
Dirk le_Roux	dirk.leroux{at}gmail.com	dleroux
Karen Moore	karen.moore{at}oracle.com	kmoore
Max_Rydahl Andersen	max.andersen{at}jboss.com	mandersen
Neil Hauge	neil.hauge{at}oracle.com	nhauge
Paul Fullbright	paul.fullbright{at}oracle.com	pfullbright
Shaun Smith	shaun.smith{at}oracle.com	ssmith
Tran Le	tran.le{at}oracle.com	tle
Rick Sapir	rick.sapir{at}oracle.com	rsapir

Java Server Faces Project

Name	Email	cvs id
Cameron Bateman	cameron.bateman{at}oracle.com	cbateman

Gerry Kessler	gerry.kessler{at}oracle.com	gkessler
Ian Trimble	ian.trimble{at}oracle.com	itrimble
Raghunathan Srinivasan	raghunathan.srinivasan{at}oracle.com	rsrinivasan

Server Tools Project

Name	Email	cvs id
David Williams	david_williams{at}us.ibm.com	david_williams
Timothy Deboer	deboer{at}ca.ibm.com	deboer
Gorkem Ercan	gercan{at}acm.org	gercan
Kate Price	katep{at}ca.ibm.com	kprice
Larry Isaacs	Larry.Isaacs{at}sas.com	lisaacs
Naci Dai	naci.dai{at}eteration.com	ndai
Angel Vera	arvera{at}ca.ibm.com	avera

Source Editing Project

Name	Email	cvs id
Amy Wu	wuamy{at}ca.ibm.com	amywu
Bradley Childs	childsb{at}us.ibm.com	bchilds
David Williams	david_williams{at}us.ibm.com	david_williams
Kate Price	katep{at}ca.ibm.com	kprice
Keith Chong	kchong{at}ca.ibm.com	kchong
Nitin Dahyabhai	nitind{at}us.ibm.com	nitind
Philip Berkland	berkland{at}us.ibm.com	pberkland
Valentin Baciu	vbaciu{at}ca.ibm.com	vbaciu

Webservices Project

Name	Email	cvs id
David Williams	david_williams{at}us.ibm.com	david_williams
Kate Price	katep{at}ca.ibm.com	kprice
Kathy Chan	kathy{at}ca.ibm.com	kchan
Lahiru Sandakith	sandakith{at}gmail.com	lsandakit
Peter Moogk	pmoogk{at}ca.ibm.com	pmoogk
Richard Mah	rmah{at}ca.ibm.com	rmah
Valentin Baciu	vbaciu{at}ca.ibm.com	vbaciu
Amy Wu	wuamy{at}ca.ibm.com	amywu

Committers in Incubating Projects

WTP Incubator Project

Name	Email	cvs id
David Williams	david_williams{at}us.ibm.com	david_williams

Konstantin Komissarchik	konstantin.komissarchik{at}oracle.com	kkomissarchik
Timothy Deboer	deboer{at}ca.ibm.com	deboer
Kathy Chan	kathy{at}ca.ibm.com	kchan
Naci Dai	naci.dai{at}eteration.com	ndai
Raghunathan Srinivasan	raghunathan.srinivasan{at}oracle.com	rsrinivasan
Chuck Bridgham	cbridgha{at}us.ibm.com	cbridgha
Nitin Dahyabhai	nitind{at}us.ibm.com	nitind
Neil Hauge	neil.hauge{at}oracle.com	nhauge
Jesper Moller	jesper{at}selskabet.org	jmoller
David Carver	d_a_carver{at}yahoo.com	dacarver
Doug Satchwell	doug.satchwell{at}btinternet.com	dsatchwel
Kiril Mitov	k.mitov{at}sap.com	kmitov
Cameron Bateman	cameron.bateman{at}oracle.com	cbateman

ATF Project

Name	Email	cvs id
Philippe Ombredanne	pombredanne{at}nexb.com	pombredanne
Robert Goodman	goodmanr{at}us.ibm.com	rgoodman
Giuliano Mega	giuliano.mega{at}gmail.com	gmega
Laurens Vandeput	laurens{at}joomlatools.org	lvandeput

Committers in Quiescent Projects

Datatools Project

Name	Email	cvs id
David Williams	david_williams{at}us.ibm.com	david_williams
Dirk le_Roux	dirk.leroux{at}gmail.com	dleroux
Der_Ping Chou	dpchou{at}us.ibm.com	dpchou
Lawrence Dunnell	ledunnel{at}us.ibm.com	ledunnel
Kate Price	katep{at}ca.ibm.com	kprice

Contributions from non-committers

In addition to the code contributed by committers, there are a number of contributions from non-committers. Wereceive these contributions as bugzilla attachments and they are contributed as EPL.

These bugzilla entries are those marked with the keyword 'contributed', marked as fixed within this release or have the iplog status set to '+'.

Note: the 'Total Lines' is literally the number of new line characters in the patch. The 'Added Lines' (often more significant when it comes to matters of IP) is the number of lines with a '+' in front of them, which is the tell tale sign used by patch formats to indicate new lines in the patch. In both cases, take these numbers as quick approximations. There are a number of cases that are known to be inaccurate with the current algorithm, such as cases were some lines are 'moved', thus resulting in a lot of '-' and + signs, even though not that much as changed.

Date of this Contributions Query: Sun, 03 Aug 2008 22:57:54 EDT

Web tools

Count	Bug Number	Target Milestone	Id	Name	Total Lines	Added Lines	IpLog
1	91698	3.0 RC1	nsandona{at}us.ibm.com	Nick Sandonato	289	116	
2	101687	3.0 RC1	ebelisar{at}us.ibm.com	Ella Belisario	43	9	
3	101687	3.0 RC1	ebelisar{at}us.ibm.com	Ella Belisario	20	7	
4	101687	3.0 RC1	ebelisar{at}us.ibm.com	Ella Belisario	15	2	
5	101687	3.0 RC1	gindik{at}ca.ibm.com	Gabriel Indik	1685	173	
6	109089	3.0 RC3	nsandona{at}us.ibm.com	Nick Sandonato	18	2	
7	109402	3.0 M4	gilberta{at}ca.ibm.com	Gilbert Andrews	44	14	
8	114943	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	228	92	
9	117924	3.0 M5	trungha{at}ca.ibm.com	Trung	55	19	
10	119964	3.0 M6	trungha{at}ca.ibm.com	Trung	154	58	
11	120128	3.0 M6	gilberta{at}ca.ibm.com	Gilbert Andrews	371	2	
12	123643	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	65	30	
13	126774	3.0 M6	sengpl{at}ca.ibm.com	Seng Phung Lu	869	96	
14	130039	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	53	20	
15	138345	3.0 M2	gindik{at}ca.ibm.com	Gabriel Indik	150	40	

16	139153	3.0 M2	jgorner{at}ca.ibm.com	Joshua Gorner	23	2	
17	140486	3.0 M7	phnixwxz1{at}yahoo.com	Wang Xianzhu	44	13	
18	144313	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	955	527	
19	146023	3.0 M6	gilberta{at}ca.ibm.com	Gilbert Andrews	1209	834	
20	147442	3.0 M6	trungha{at}ca.ibm.com	Trung	33	4	
21	147919	3.0 M2	jgorner{at}ca.ibm.com	Joshua Gorner	277	195	
22	151392	3.0 M6	trungha{at}ca.ibm.com	Trung	498	161	
23	155876	3.0 M2	gindik{at}ca.ibm.com	Gabriel Indik	581	368	
24	155885	3.0 M6	trungha{at}ca.ibm.com	Trung	141	94	
25	157551	3.0 M7	gindik{at}ca.ibm.com	Gabriel Indik	72	16	
26	160247	3.0 M7	tmcmack{at}us.ibm.com	Tim McMackin	82	16	
27	160247	3.0 M7	tmcmack{at}us.ibm.com	Tim McMackin	18	2	
28	160247	3.0 M7	caitlina{at}ca.ibm.com	Caitlin Andrews	7100	6600	
29	171705	3.0 M6	trungha{at}ca.ibm.com	Trung	98	40	
30	171705	3.0 M6	trungha{at}ca.ibm.com	Trung	199	50	
31	171705	3.0 M6	trungha{at}ca.ibm.com	Trung	65	11	
32	176420	3.0.2	gindik{at}ca.ibm.com	Gabriel Indik	27	4	
33	182167	3.0 RC1	makandre{at}ca.ibm.com	Andrew Mak	165	32	
34	183330	3.0	jacek.pospychala{at}pl.ibm.com	Jacek Pospychala	46	24	
35	184761	3.0 M6	gilberta{at}ca.ibm.com	Gilbert Andrews	913	278	
36	185851	3.0 RC1	nsandona{at}us.ibm.com	Nick Sandonato	1161	608	
37	187937	3.0 RC2	ericdp{at}ca.ibm.com	Eric D. Peters	22	2	
38	189205	3.0 M1	lit{at}in.tum.de	Tianchao Li	534	169	
39	189489	3.0 M7	jgorner{at}ca.ibm.com	Joshua Gorner	898	775	
40	190371	3.0 RC1	makandre{at}ca.ibm.com	Andrew Mak	210	26	

41	191111	3.0	zina{at}ca.ibm.com	Zina	762	273	
42	192785	3.0 M2	gilberta{at}ca.ibm.com	Gilbert Andrews	16007	15015	
43	192785	3.0 M2	gilberta{at}ca.ibm.com	Gilbert Andrews	17762	16554	
44	193418	3.0 M2	jgorner{at}ca.ibm.com	Joshua Gorner	52	10	
45	193772	3.0 M2	jgorner{at}ca.ibm.com	Joshua Gorner	32	4	
46	195065	3.0 M3	remy.suen{at}gmail.com	Remy Chi Jian Suen	34	4	
47	195262	0.5 M8	egao1980{at}gmail.com	Nik Matyushev	99	44	
48	195264	3.0 M5	nsandona{at}us.ibm.com	Nick Sandonato	324	104	
49	196997	3.0 M3	ericdp{at}ca.ibm.com	Eric D. Peters	613	304	
50	196997	3.0 M3	ericdp{at}ca.ibm.com	Eric D. Peters	1868	1090	
51	196997	3.0 M3	ericdp{at}ca.ibm.com	Eric D. Peters	298	8	
52	196997	3.0 M3	ericdp{at}ca.ibm.com	Eric D. Peters	79	13	
53	196997	3.0 M3	ericdp{at}ca.ibm.com	Eric D. Peters	33	4	
54	197954	3.0.2	martin.zeltner{at}gmail.com	Martin Zeltner	144	57	
55	197954	3.0.2	an.bayer{at}gmail.com	Andre Bayer	238	101	
56	198144	3.0	gilberta{at}ca.ibm.com	Gilbert Andrews	40	6	
57	198144	3.0	gilberta{at}ca.ibm.com	Gilbert Andrews	38	2	
58	199105	3.0 M3	h.hristov{at}sap.com	Hristo Hristov	3411	3155	
59	199121	3.0 M5	yavor.vasilev.boyadzhiev{at}sap.com	Yavor Boyadzhiev	2502	1609	
60	200433	3.0	ramanday{at}us.ibm.com	Raj Mandayam	18	2	
61	201632	3.0 M3	tewksbur{at}us.ibm.com	Ian Tewksbury	95	37	
62	201632	3.0 M3	tewksbur{at}us.ibm.com	Ian Tewksbury	41	13	
63	202174	3.0 M4	jzhang{at}us.ibm.com	Jim Zhang	422	314	
64	202460	3.0	gilberta{at}ca.ibm.com	Gilbert	88	14	

				Andrews			
65	203291	3.0 M3	eugene{at}genuitec.com	Eugene Ostroukhov	62	17	
66	203301	3.0 M6	eugene{at}genuitec.com	Eugene Ostroukhov	21	6	
67	203301	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	41	16	
68	203301	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	27	2	
69	203303	3.0 M3	eugene{at}genuitec.com	Eugene Ostroukhov	94	56	
70	203494	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	168	65	
71	204649	3.0 M3	kelvinhc{at}ca.ibm.com	Kelvin Cheung	47	5	
72	204833	3.0 M5	randallt{at}us.ibm.com	Randall Theobald	18	3	
73	204833	3.0 M5	randallt{at}us.ibm.com	Randall Theobald	29	6	
74	205583	3.0	zina{at}ca.ibm.com	Zina	1400	671	
75	206072	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	26	4	
76	206906	3.0	samindaw{at}wso2.com	saminda	2343	15	
77	207068	3.0	larinac{at}ca.ibm.com	Larina Cheung	134	1	
78	207076	3.0	larinac{at}ca.ibm.com	Larina Cheung	90	8	
79	207113	3.0 M7	gindik{at}ca.ibm.com	Gabriel Indik	34	11	
80	207616	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	374	158	
81	207618	3.0 M3	zina{at}ca.ibm.com	Zina	534	70	
82	207826	3.0 M6	stefan.dimov{at}sap.com	Stefan Dimov	1654	1021	
83	207826	3.0 M6	stefan.dimov{at}sap.com	Stefan Dimov	1855	1187	
84	208072	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	151	42	
85	208491	3.0 M3	ericdp{at}ca.ibm.com	Eric D. Peters	18	2	
86	208767	3.0 M4	h.hristov{at}sap.com	Hristo Hristov	685	374	
87	208795	3.0 M5	ericdp{at}ca.ibm.com	Eric D. Peters	286	112	

88	208809	3.0	tewksbur{at}us.ibm.com	Ian Tewksbury	176	89	
89	209206	3.0 M4	h.hristov{at}sap.com	Hristo Hristov	955	250	
90	209726	3.0	Eric.Norman{at}softwareag.com	Eric Norman	38	16	
91	209858	3.0 M4	ericdp{at}ca.ibm.com	Eric D. Peters	2157	1113	
92	209858	3.0 M4	ericdp{at}ca.ibm.com	Eric D. Peters	481	285	
93	209858	3.0 M4	ericdp{at}ca.ibm.com	Eric D. Peters	105	65	
94	209891	3.0	tewksbur{at}us.ibm.com	Ian Tewksbury	157	136	
95	210481	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	87	21	
96	211262	3.0 M4	ericdp{at}ca.ibm.com	Eric D. Peters	81	22	
97	212242	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	35	4	
98	212927	3.0 RC2	nsandona{at}us.ibm.com	Nick Sandonato	960	597	
99	213330	3.0 M6	trungha{at}ca.ibm.com	Trung	147	34	
100	213330	3.0 M6	trungha{at}ca.ibm.com	Trung	185	39	
101	213505	3.0 M5	jzhang{at}us.ibm.com	Jim Zhang	16	2	
102	213730	3.0 M7	trungha{at}ca.ibm.com	Trung	57	12	
103	214367	3.0	larinac{at}ca.ibm.com	Larina Cheung	18	2	
104	214516	3.0 M5	nsandona{at}us.ibm.com	Nick Sandonato	111	28	
105	214624	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	133	8	
106	214804	3.0 M5	gindik{at}ca.ibm.com	Gabriel Indik	19	4	
107	214908	3.0	larinac{at}ca.ibm.com	Larina Cheung	99	29	
108	214993	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	18	2	
109	214993	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	99	59	
110	215514	3.0 M7	gindik{at}ca.ibm.com	Gabriel Indik	42	27	
111	215552	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	251	96	

112	215555	3.0 M5	jasonpet{at}us.ibm.com	Jason Peterson	21	5	
113	216302	3.0 M6	achim.huegen{at}gmx.de	Achim	20	2	
114	216345	3.0 M5	gilberta{at}ca.ibm.com	Gilbert Andrews	50	10	
115	216544	3.0 RC1	eiji.morito{at}jp.fujitsu.com	Eiji Morito	27	10	
116	216734	3.0 M6	petya.sabeva{at}sap.com	Petya Sabeva	2622	1626	
117	216734	3.0 M6	petya.sabeva{at}sap.com	Petya Sabeva	16	3	
118	216965	3.0 M5	caitlina{at}ca.ibm.com	Caitlin Andrews	9171	7217	
119	216970	3.0	caitlina{at}ca.ibm.com	Caitlin Andrews	2468	1533	
120	216971	3.0 M5	caitlina{at}ca.ibm.com	Caitlin Andrews	217	43	
121	217177	3.0	larinac{at}ca.ibm.com	Larina Cheung	62	19	
122	217723	3.0 M6	sengpl{at}ca.ibm.com	Seng Phung Lu	377	182	
123	217783	3.0 M6	rob.stryker{at}jboss.com	Rob Stryker	94	22	
124	218029	3.0	larinac{at}ca.ibm.com	Larina Cheung	33	19	
125	218030	3.0 M5	nsandona{at}us.ibm.com	Nick Sandonato	64	18	
126	218051	3.0	larinac{at}ca.ibm.com	Larina Cheung	761	399	
127	218070	3.0 M5	nsandona{at}us.ibm.com	Nick Sandonato	210	103	
128	218576	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	35	4	
129	218696	3.0 M6	ericdp{at}ca.ibm.com	Eric D. Peters	217	56	
130	218767	3.0 M6	yavor.vasilev.boyadzhiev{at}sap.com	Yavor Boyadzhiev	78	30	
131	218957	3.0 M6	petya.sabeva{at}sap.com	Petya Sabeva	72	20	
132	218957	3.0 M6	petya.sabeva{at}sap.com	Petya Sabeva	1027	850	
133	218993	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	225	113	
134	219004	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	34	12	

135	219005	3.0 RC1	ericdp{at}ca.ibm.com	Eric D. Peters	66	16	
136	219065	3.0 M6	rob.stryker{at}jboss.com	Rob Stryker	49	7	
137	219121	3.0 M7	trungha{at}ca.ibm.com	Trung	18	3	
138	219537	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	73	15	
139	219776	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	30	6	
140	220601	3.0 M6	nagrawal{at}us.ibm.com	Neeraj Agrawal	70	15	
141	220739	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	67	16	
142	220796	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	18	2	
143	220983	3.0 M6	trungha{at}ca.ibm.com	Trung	54	10	
144	220985	3.0 M7	trungha{at}ca.ibm.com	Trung	194	82	
145	220993	3.0 M6	nagrawal{at}us.ibm.com	Neeraj Agrawal	78	47	
146	221793	3.0 M6	jasonpet{at}us.ibm.com	Jason Peterson	18	3	
147	222075	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	44	9	
148	222077	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	57	29	
149	222094	3.0 RC1	makandre{at}ca.ibm.com	Andrew Mak	82	24	
150	222103	3.0 M6	trungha{at}ca.ibm.com	Trung	130	28	
151	222321	3.0 M6	trungha{at}ca.ibm.com	Trung	18	2	
152	222321	3.0 M6	trungha{at}ca.ibm.com	Trung	35	4	
153	222473	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	187	60	
154	222531	3.0	rob.stryker{at}jboss.com	Rob Stryker	19	2	
155	222651	3.0 M6	stefan.dimov{at}sap.com	Stefan Dimov	41	6	
156	222727	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	136	28	
157	222997	3.0 M6	gindik{at}ca.ibm.com	Gabriel Indik	18	2	
158	223118	3.0	ericdp{at}ca.ibm.com	Eric D. Peters	203	55	
159	223634	3.0	ericdp{at}ca.ibm.com	Eric D. Peters	18	2	
160	223905	3.0	caitlina{at}ca.ibm.com	Caitlin	4068	3068	

				Andrews			
161	223912	3.0 M6	ericdp{at}ca.ibm.com	Eric D. Peters	33	4	
162	224013	3.0 M6	rob.stryker{at}jboss.com	Rob Stryker	22	4	
163	224027	3.0 M6	rob.stryker{at}jboss.com	Rob Stryker	69	19	
164	224148	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	98	18	
165	224193	3.0 M6	nagrawal{at}us.ibm.com	Neeraj Agrawal	15	2	
166	224209	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	2165	1194	
167	224333	3.0 M7	epfister{at}hsr.ch	Etienne Pfister	15	2	
168	224333	3.0 M7	epfister{at}hsr.ch	Etienne Pfister	16	2	
169	224452	3.0 M6	trungha{at}ca.ibm.com	Trung	64	8	
170	224488	3.0 M6	jasonpet{at}us.ibm.com	Jason Peterson	18	1	
171	224563	3.0 M6	ericdp{at}ca.ibm.com	Eric D. Peters	26	3	
172	224953	3.0 M6	gilberta{at}ca.ibm.com	Gilbert Andrews	90	27	
173	225032	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	60	8	
174	225032	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	51	6	
175	225161	3.0 M6	nsandona{at}us.ibm.com	Nick Sandonato	18	2	
176	225194	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	18	2	
177	225222	3.0	caitlina{at}ca.ibm.com	Caitlin Andrews	216	54	
178	225378	3.0 M6	makandre{at}ca.ibm.com	Andrew Mak	142	69	
179	225423	3.0	caitlina{at}ca.ibm.com	Caitlin Andrews	5589	4024	
180	225816	3.0 M7	gindik{at}ca.ibm.com	Gabriel Indik	65	15	
181	225819	3.0 M7	gindik{at}ca.ibm.com	Gabriel Indik	109	81	
182	225830	3.0	lovering{at}ca.ibm.com	Virginia Lovering	4552	4248	
183	225830	3.0	lovering{at}ca.ibm.com	Virginia Lovering	738	617	

184	225879	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	44	2	
185	226242	3.0 M7	shiratori.tomo{at}jp.fujitsu.com	Tomoki Shiratori	17	6	
186	226736	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	49	19	
187	226767	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	139	13	
188	226782	3.0 M7	rob.stryker{at}jboss.com	Rob Stryker	31	5	
189	226821	3.0 RC1	nsandona{at}us.ibm.com	Nick Sandonato	239	179	
190	227037	3.0 RC3	jspitman{at}ca.ibm.com	John Pitman	23	3	
191	227152	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	89	19	
192	227237	3.0 M7	gilberta{at}ca.ibm.com	Gilbert Andrews	61	9	
193	227318	3.0 RC1	nagrawal{at}us.ibm.com	Neeraj Agrawal	183	92	
194	227359	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	100	22	
195	227404	3.0 RC1	nagrawal{at}us.ibm.com	Neeraj Agrawal	20	3	
196	227441	3.0 M7	caitlina{at}ca.ibm.com	Caitlin Andrews	2287	826	
197	227489	3.0 RC1	epfister{at}hsr.ch	Etienne Pfister	57	15	
198	227623	3.0 RC1	nsandona{at}us.ibm.com	Nick Sandonato	107	3	
199	227648	3.0	ericdp{at}ca.ibm.com	Eric D. Peters	48	6	
200	227824	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	29	4	
201	227848	3.0 RC1	makandre{at}ca.ibm.com	Andrew Mak	101	15	
202	228013	3.0 M7	caitlina{at}ca.ibm.com	Caitlin Andrews	136	74	
203	228016	3.0 M7	caitlina{at}ca.ibm.com	Caitlin Andrews	833	524	
204	228054	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	26	3	
205	228065	3.0 M7	nsandona{at}us.ibm.com	Nick Sandonato	396	267	
206	228505	3.0 M7	larinac{at}ca.ibm.com	Larina Cheung	233	129	

207	228920	3.0	caitlina{at}ca.ibm.com	Caitlin Andrews	86	60	
208	228922	3.0	caitlina{at}ca.ibm.com	Caitlin Andrews	72	49	
209	228945	3.0 M7	sengpl{at}ca.ibm.com	Seng Phung Lu	305	128	
210	229175	3.0	larinac{at}ca.ibm.com	Larina Cheung	65	13	
211	229175	3.0	larinac{at}ca.ibm.com	Larina Cheung	164	48	
212	229175	3.0	larinac{at}ca.ibm.com	Larina Cheung	55	11	
213	229693	3.0 M7	makandre{at}ca.ibm.com	Andrew Mak	50	11	
214	229694	3.0 RC3	gindik{at}ca.ibm.com	Gabriel Indik	38	15	
215	229728	3.0 RC1	makandre{at}ca.ibm.com	Andrew Mak	179	35	
216	229787	3.0 RC2	nsandona{at}us.ibm.com	Nick Sandonato	86	9	
217	230297	3.0 RC1	nsandona{at}us.ibm.com	Nick Sandonato	83	37	
218	230889	3.0 RC2	makandre{at}ca.ibm.com	Andrew Mak	34	4	
219	231122	3.0 RC1	epfister{at}hsr.ch	Etienne Pfister	41	13	
220	231351	3.0 RC1	gilberta{at}ca.ibm.com	Gilbert Andrews	107	38	
221	231645	3.0 RC1	jasonpet{at}us.ibm.com	Jason Peterson	18	2	
222	231692	3.0 RC1	nsandona{at}us.ibm.com	Nick Sandonato	182	60	
223	232388	3.0 RC3	ewchan{at}ca.ibm.com	Eugene Chan	41	6	
224	232653	3.0 RC2	nsandona{at}us.ibm.com	Nick Sandonato	36	15	
225	233065	3.0 RC2	makandre{at}ca.ibm.com	Andrew Mak	51	6	
226	233764	3.0 RC3	makandre{at}ca.ibm.com	Andrew Mak	101	27	
227	233989	3.0 RC3	makandre{at}ca.ibm.com	Andrew Mak	43	6	
228	234169	3.0 RC3	gilberta{at}ca.ibm.com	Gilbert Andrews	51	7	

229	234192	3.0 RC3	gilberta{at}ca.ibm.com	Gilbert Andrews	85	11	
230	234352	3.0 RC4	nsandona{at}us.ibm.com	Nick Sandonato	51	8	
231	234409	3.0 RC5	tewksbur{at}us.ibm.com	Ian Tewksbury	24	9	
232	234409	3.0 RC5	tewksbur{at}us.ibm.com	Ian Tewksbury	38	7	
233	234487	3.0 RC3	makandre{at}ca.ibm.com	Andrew Mak	54	15	
234	234871	3.0 RC4	makandre{at}ca.ibm.com	Andrew Mak	40	9	
235	235147	3.0 RC4	nsandona{at}us.ibm.com	Nick Sandonato	26	4	
236	235163	3.0 RC4	nagrawal{at}us.ibm.com	Neeraj Agrawal	26	3	
237	235475	3.0 RC4	nsandona{at}us.ibm.com	Nick Sandonato	33	4	
238	237967	3.0.2	mat.fuessel{at}gmx.net	Matthias Fuessel	142	50	
239	217919	0.5 M6	Lars.Vogel{at}gmail.com	Lars Vogel	0	0	+

Tip: You can use this bugzilla single list for above table to first list all bugs in the table, and then narrow or sort the result how ever you would like.

JSF

Count	Bug Number	Target Milestone	Id	Name	Total Lines	Added Lines	IpLog
240	167180	3.0 RC1	spaxton{at}us.ibm.com	Scott Paxton	866	108	
241	171795	3.0 M6	mat.fuessel{at}gmx.net	Matthias Fuessel	60	30	
242	171795	3.0 M6	mat.fuessel{at}gmx.net	Matthias Fuessel	348	172	
243	172696	3.0	mat.fuessel{at}gmx.net	Matthias Fuessel	131	51	
244	175109	3.0 M4	mat.fuessel{at}gmx.net	Matthias Fuessel	1214	771	
245	186459	Future	debajit.adhikary{at}oracle.com	Debajit Adhikary	886	5	
246	191827	3.0 M6	dmgloss{at}mail.ru	Vadim Dmitriev	756	508	
247	198984	3.0	mat.fuessel{at}gmx.net	Matthias Fuessel	271	124	
248	206514	3.0 RC4	xiaonan_jiang{at}us.ibm.com	Xiaonan Jiang	413	335	

Count	Bug Number	Target Milestone	Id	Name	Total Lines	Added Lines	IpLog
249	211321	3.0 M7	xiaonan_jiang{at}us.ibm.com	Xiaonan Jiang	581	367	
250	221353	3.0 M7	debajit.adhikary{at}oracle.com	Debajit Adhikary	109	38	

Tip: You can use this bugzilla single list for above table to first list all bugs in the table, and then narrow or sort the result how ever you would like.

Dali

Count	Bug Number	Target Milestone	Id	Name	Total Lines	Added Lines	IpLog
251	127337	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	1547	1166	
252	128979	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	3590	1838	
253	130580	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	3586	2470	
254	130580	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	700	226	
255	130580	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	1288	536	
256	137799	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	257	158	
257	186439	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	1746	642	
258	186439	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	94	18	
259	191720	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	983	178	
260	198982	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	3477	1233	
261	202518	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	68	8	
262	213467	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	873	275	
263	215807	2.0 M6	d.dimitrov{at}sap.com	Dimiter Dimitrov	17	2	
264	216450	2.0 M7	d.dimitrov{at}sap.com	Dimiter Dimitrov	3582	3456	
265	216755	2.0 M6	d.dimitrov{at}sap.com	Dimiter Dimitrov	25	10	
266	220801	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	578	164	
267	220802	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	174	43	
268	220966	2.0 M6	pascal.filion{at}or	Pascal	701	140	

			acle.com	Filion			
269	222110	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	262	49	
270	222241	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	26	2	
271	222792	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	634	171	
272	222980	2.0 M6	pascal.filion{at}oracle.com	Pascal Filion	26	2	
273	223837	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	670	311	
274	225428	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	149	78	
275	225639	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	17	2	
276	225640	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	165	43	
277	225660	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	76	16	
278	225681	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	844	505	
279	225682	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	231	76	
280	227895	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	141	28	
281	228222	2.0 M7	d.dimitrov{at}sap.com	Dimiter Dimitrov	69	9	
282	228556	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	18	3	
283	228557	2.0 M7	pascal.filion{at}oracle.com	Pascal Filion	82	19	
284	229511	2.0 RC1	pascal.filion{at}oracle.com	Pascal Filion	154	146	
285	230414	2.0 RC1	d.dimitrov{at}sap.com	Dimiter Dimitrov	21	5	
286	230427	2.0 RC1	pascal.filion{at}oracle.com	Pascal Filion	45	7	
287	232870	2.0 RC2	john.bassett{at}oracle.com	John Bassett	0	0	

Tip: You can use this bugzilla single list for above table to first list all bugs in the table, and then narrow or sort the result how ever you would like.

Summary, by Contributors

Id	Name	Number of patches

nsandona{at}us.ibm.com	Nick Sandonato	35
pascal.filion{at}oracle.com	Pascal Filion	31
makandre{at}ca.ibm.com	Andrew Mak	29
ericdp{at}ca.ibm.com	Eric D. Peters	19
gindik{at}ca.ibm.com	Gabriel Indik	19
trungha{at}ca.ibm.com	Trung	18
gilberta{at}ca.ibm.com	Gilbert Andrews	15
caitlina{at}ca.ibm.com	Caitlin Andrews	12
larinac{at}ca.ibm.com	Larina Cheung	11
mat.fuessel{at}gmx.net	Matthias Fuessel	6
nagrawal{at}us.ibm.com	Neeraj Agrawal	6
rob.stryker{at}jboss.com	Rob Stryker	6
tewksbur{at}us.ibm.com	Ian Tewksbury	6
d.dimitrov{at}sap.com	Dimiter Dimitrov	5
jgorner{at}ca.ibm.com	Joshua Gorner	5
jasonpet{at}us.ibm.com	Jason Peterson	4
epfister{at}hsr.ch	Etienne Pfister	4
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achim.huegen{at}gmx.de	Achim	1
Eric.Norman{at}softwareag.com	Eric Norman	1
samindaw{at}wso2.com	saminda	1
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eiji.morito{at}jp.fujitsu.com	Eiji Morito	1

Third Party Code Redistributed with WTP

As with any other large software project, not all the code in WTP is new, but some comes from other, third party sources. The following table lists the third party software that is distributed with WTP. Please see the Contribution Questionnaire (CQ) links for details.

Third Party Code Redistributed with WTP

Software	Version	License	Introduced in Version	Notes
Axis	1.4 (CQ 1374)	Apache License, 2.0	2.0	
Commons discovery	0.2 (CQ 1377)	Apache License, 2.0	0.7	
Commons logging	1.0.4 (CQ 2363)	Apache License, 2.0	1.0	Required as Axis pre-req (we do not use directly). Plus, there is a legacy version nested in Cactus plugin as traditional jar (not bundleized via Orbit).
JAX-RPC	1.1 (CQ 286)	Apache License, 2.0	0.7	Part of Axis. Also called JAX-RPC is also called XML-RPC and is distribted as a bundle named javax.xml.rpc
log4j	1.2.13 (CQ 1593)	Apache License, 2.0	2.0	
Axis-Ant	1.2.1 (CQ 1375)	Apache License, 2.0	0.7	
SOAP (from Axis)	1.2 (CQ 1379)	Apache License, 2.0	2.0	This was listed as "saaj.jar" in previous IP Logs. It is now a bundle (from Orbit) called javax.xml.soap.
Cactus	1.7.2 (CQ 212)	Apache License, 2.0	1.5	In addition to cactus-1.7.2 (the one for J2EE 1.3), we include the following jars nested in the cactus bundle, since they are required by Cactus: aspectjrt-1.2.1 (CQ 2364) commons-logging-1.0.4 (CQ 2363) commons-httpclient-2.0.2 (CQ 2366) junit 3.8.1 (CQ 2365)
wsdl4j	1.4 (CQ 327)	Common Public License 1.0	0.7	includes "qname.jar"
	1.5.1 (CQ	Common Public	2.0	WSDL 1.5.1 is distributed as part of Axis 1.4

		License 1.0		
wsil4j	1.0 (CQ 330)	Apache License, 1.1	0.7	
Xerces	2.9.0 (CQ 1148)	Apache License, 2.0	3.0	Introducted in WTP 3.0 as four plugins: • javax.xml(1.3.4) • org.apache.xml.resolver (1.2.0) • org.apache.xml.serializer (2.7.1) • org.apache.xerces (2.9.0)
uddi4j	2.0.5 (CQ 321)	IBM Public License	1.5.1	
http.xsd	WSDL 1.1 (CQ 275)	IBM, Microsoft	1.0	
soap.xsd	WSDL 1.1 (CQ 319)	IBM, Microsoft	1.0	
soapenc.xsd	WSDL 1.1 (CQ 320)	W3C	0.7	
wsdl.xsd	WSDL 1.1 (CQ 325)	IBM, Microsoft	1.0	
wsdl20.xsd	1.2 (CQ 326)	W3C license	1.0	
wsdl-mime.xsd	WSDL 1.1 (CQ 329)	IBM, Microsoft	1.0	
XHTML	1.0, 1.1 (CQ 331)	W3C license	1.0	
WAP DTDs	1.1, 1.3 (CQ 324)	OMA/EPL	1.0	Distributed under EPL 1.0. See Note 1 for email clarifying status of WAP Schemas and DTDs.
JavaServer Faces Schemas and DTDs	1.1, 1.2 (CQ 1506)	CDDL	2.0	
JEE Related Schemas and DTDs	1.2, 2.0 (CQ 4)	CDDL	2.0	
org.apache.commons.codec	1.3 (CQ 1562)	Apache License,		Not currently re-distributed,perhaps will be for

		2.0		service
JPA API XML Schemas (persistence.xsd and orm.xsd)	1.0 ([CQ 1829](#))	CDDL	3.0	Currently packaged in the "jst.standard.schemas" bundle.
Java Persistence API	1.0 ([CQ 1889](#))	CDDL	3.0	javax.persistence interfaces; used by Dali JPA Tools
javax.mail (from Apache Geronimo)	1.4 ([CQ 2059](#))	Apache License, 2.0	3.0	This is a minor pre-req, just required by Axis (not used directly).
javax.actiation (from Apache Geronimo)	1.1 ([CQ 2060](#))	Apache License, 2.0	3.0	This is a minor pre-req, just required by Axis (not used directly).
Xerces	2.9.1 ([CQ 1984](#))	Apache License, 2.0	na	This is not currently distributed, but may be for service.
html dtds Version: 4.0.1	4.0.1 ([CQ 2139](#))	W3C License	3.0	part of wst.standard.schemas plugin
Ispell English Word Lists	3.1.20 ([CQ 1416](#))	based on Apache License, 1.1	3.0	Note: you may find it interesting that this is a duplication of what is shipped in JDT plugins. We hope to eliminate the duplication in future versions.
JXPath	1.2.0 ([CQ 2285](#))	Apache License, 2.0	0.5	We use a bundle from Orbit.
XSLT schema	1.0 ([CQ 1749](#))	W3C	0.5	Part or org.eclipse.wst.xsl.core
XSLT schema	2.0 ([CQ 1750](#))	W3C	0.5	Part of org.eclipse.wst.xsl.core
Xinclude schema	1.0 ([CQ 2232](#))	W3C	0.5	Part of org.eclipse.wst.xsl.core
Xalan	2.7.1 ([CQ 1985](#))	Apache License, 2.0	0.5	We use a bundle from Orbit.

Other Third Party Dependancies

This document is to list and describe relationships with third party software which WTP depends on or works with. For background context, see Eclipse Policy and Procedure for Third Party Dependencies.

Note: Where we list available third party software in this document, we do so only to domonstrate there are many choices for end-users. We do not mean to say those are the only available options nor do we advocate the use of any particular one.

Application Servers

We depend on Application Servers in two ways. First, and least important, we do have one function, Web Service Explorer that actually runs as a web application. We happen to depend on and use what ever Application Server ships in the Eclipse Platform, which for the Ganymede releases happens to be Jetty Version 5.x. We could run our WSE web app on any JEE compliant server, but we do need to know it in advance ... it can not be "swapped out" by users or adopters.

Second, and most important, creating web applications -- the whole purpose of WTP! -- depends on having some application server available. Ultimately it is up to the end user to provide their own Application Server to use with WTP, but there are some "ease of use" options that provide different paths to using one or more Application Servers:

Preview Server

We do offer, and users can make use of, a "preview server" that is built in to WTP. This is actually just making use of what ever Application server ships with the Eclipse Platform, which is currently Jetty Version 5.x. We, in WTP, do not surface the fact that this is Jetty, in order to be more "vendor neutral" and in fact could work with any JEE compliant server, but, we do need to know in advance what server it is, in order to adapt to it specifically. There is also an HTTP Preview Server that non-java users can use to "run" HTML and Javascript documents. Under the covers, the built in HTTP Preview Server is the same as the JEE Preview Server.

These Preview Servers are offered simply to improve "out of the box" experience for novice end-users. It provides capabilities to run servlets and JSPs. Most professional web developers will want to use some specific application server that has the capabilities they need.

Server Adapters

Any server that's used with WTP needs a server adapter. This just provides a common interface for WTP to interact with the server; to start, stop, and publish to the server. There are some server adapters that are shipped with WTP, and others that are available from any vendor that wants to provide one. In some cases, those other adapters have provided us with URLs to update sites, to make it easier for users to get their server adatper. There are, undoubtedly other server adapters (and servers) we know nothing about.

Server Adapters that are built-in (shipped with WTP)

- Tomcat v3.2
- Tomcat v4.0
- Tomcat v4.1
- Tomcat v5.0
- Tomcat v5.5
- Tomcat v6.0
- IBM WebSphere V6.0
- JBoss v3.2.3

- JBoss v4.0

- JBoss v4.2

- JBoss v5.0

- JOnAS v4

- Oracle OC4J Standalone 10.1.3

- Oracle OC4J Standalone 10.1.3.n

Server Adapters that are available from built-in update sites

- BEA WebLogic 10.3

- BEA WebLogic 10.0

- BEA WebLogic 9.x

- BEA WebLogic 8.1

- Pramati Server 4.1

- Pramati Server 5.0

- Geronimo v1.0

- Geronimo v1.1.x

- Geronimo v2.0

- Glassfish v1

- Glassfish v2

- Glassfish v3

- Jetty 6.0

- WASCE v1.1.x

- WASCE v2.0

Installable Runtimes

Normally when users install their own Application Server, they simply tell us where, on their file system, it is (already) installed. If someone picks that they want to use a Tomcat server, we do offer an option (along with the already existing location option) that they can download and install Tomcat from the Apache download site. In that case, we do show them the appropriate Apache license which they must agree to, before the download of the zip file proceeds.

This option is provided just as an ease-of-use option to allow beginning users to get started easier and more quickly.

Java Persistence Frameworks

JPA runtimes come built in with some application servers, but if not, users would have to download and install their own. Several of these frameworks are listed below to demonstrate the many options available to the end-user.

JPA Open Source libraries

- EPL - EclipseLink

- Apache - Open JPA

- CDDL - TopLink Essentials (available from Glassfish project)

- GPL - JBoss Hibernate

  JPA Proprietary libraries

- Oracle TopLink

- BEA Kodo

JSF Runtimes and Component Libraries

To execute a JSF application you need an implementation of the JSF spec and one or more component libraries. You can get the implementation plus a core set of components from

- Sun (https://javaserverfaces.dev.java.net/download.html)

- Apache MyFaces (http://myfaces.apache.org/download.html).

JEE 5 compliant application servers implementations come with the JSF support built-in. Users can get additional component libraries from a wide range of vendors including

- Apache MyFaces Tomahawk

- Apache MyFaces Trinidad

- ICEFaces>

- JBoss RichFaces

- Oracle's ADF Faces

- Project Woodstock

Axis2 Runtimes

The Axis2 Web services tools in WTP are an optional feature. If users want to install those tools and make use of them, they will need to have an Axis2 Runtime available. Users can download and install the Axis2 runtime from readily available open source projects (e.g. see Apache Axis2). Then they will have to specify the location of the Axis2 runtime to the WTP Axis2 tools.

XDoclet

For Java EE 1.4, EJB 2.1, there is a technique of developing (defining) EJBs that depend on having extra annotations in JavaDoc comments. To make use of this technique, users have to download and install XDoclet, which is readily available from free, open source projects (e.g. see XDoclet at Sourceforge. We do not ship this support built-in to WTP, simply because it would add a fairly substantial amount of code (roughly 8 M Bytes) to the foot print, and we felt there are not enough users of this particular technique to justify that increased footprint. In earlier versions of WTP, XDoclet was also (optionally) used in Servlet Wizards. But this support is not needed anymore.

For the more recent JEE 5 servers and EJB 3 (and JPA) this annotation technique is simply built in to the Java 5 language.

XSLT Engines

We provide one XSLT engine (Xalan 1.0) that works out of the box, but users can choose to install additional XSL engines, such as Saxon 2.0 if they desire. There's no requirement to install it, but naturally every runtime (and version) offers it's own special features.

ICU

ICU is some library code that improves the base internationalization support in Java (e.g. for sorting lists correctly, etc). This comes shipped with the base Eclipse Platform, but our code does depend on it being present, so it is technically a pre-req. We consider this an "exempt pre-req" (exempt from separate IP review) since the Eclipse Foundation, via the Yearly Release Train requirements, requires its use where appropriate.

Other Third Party Code from Eclipse Platform

In addition to what ever application server happens to ship in the base platform, which we mentioned above, there are some other packages that we depend on, but which are shipped as part of the platform. We do not re-distribute them (though, we used to) but want to call them out here since we would still require them even if the platform decided not to re-distribute them, or, for example, if someone was making a "custom install" and maybe not including the complete platform.

Software	Version	License	Introduced in Version	Notes
Jetty Web Server	5.1.14 (CQ 2296)	Apache License, 2.0	3.0	
Apache Jakarta Commons EL	1.0 (CQ 1547)	Apache License, 2.0	2.0	
javax.servlet	2.4 (CQ 1343)	Apache License, 2.0	2.0	
javax.servlet.jsp	2.0 (CQ 1343)	Apache License, 2.0	2.0	