



# Orion Project 2.0 Release Review

# New Features



- Navigation features:
  - Drag and drop from Desktop
  - Selection model unified across pages
  - Redesigned Navigator Page
- Projects Work:
  - Initial release of SFTP support
  - Separate page for task focused drive and folder access
  - Currently enabled by installing Projects plugin
- Content Assist
  - Improved content assist inferencing
- Theming Improvements
  - Themes apply to CSS/HTML editing, Customizable editor fonts



# New Features

- Shell improvements:
  - Plugins command for working with Orion plugins
  - Services listing plugin
  - GCLI extensions for page parameters and return types
- Console Page:
  - Extendible console window for command line actions
  - Implemented by use of Mozilla's GCLI
    - <https://wiki.mozilla.org/DevTools/Features/GCLI>
- Node.js Based Orion Server
  - Written in JavaScript only leveraging Node libraries
  - Installable via npm (npm install orion)
  - Node application starting, debugging and npm support in console

# Non-Code Aspects



- Orion User Guide and Orion Developer Guide included with release. Documentation developed using Mylyn WikiText
- Developer Guide includes server administration guide that describes how to setup and manage the server for both Java and Node.js versions
- Library independence from specific DoJo version
- Community is active
  - Mailing list has steady activity
  - Firefox including Orion editor for Scratchpad, Style editor and Debugger
  - VMWare Scripted editor consuming from Orion and contributing back JavaScript tooling features
  - Maqetta HTML5 Editor consuming all Orion server components

# Non-Code Aspects



- **Internationalization**
  - Ongoing work to complete language packs
- **Accessibility**
  - Very difficult to complete, have another student engaged
  - Continuing work

# Architectural Issues



- Now providing individual Editor builds
  - Easier to consume for projects Firefox and Scripted
- Node.js layout within Orion client
  - Convenient for overall project but not for building NPM package, continuing work here

# End of Life Issues



- None.

# Bugzilla



- Between Oct 28, 2012 and Feb 19, 2013 (RC2)
  - 419 reports were created
  - 342 were resolved/closed
- Current state (RC2) is:
  - 0 blockers, 0 critical
  - 0 P1, 0 P2



# Bugs fixed during 0.5



Severity	Target Milestone						
		2.0 M1	2.0 M2	2.0 RC1	2.0 RC2	2.0 RC3	Total
	blocker	<u>1</u>	<u>2</u>	.	.	.	<u>3</u>
	major	<u>3</u>	<u>6</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>13</u>
	normal	<u>63</u>	<u>136</u>	<u>56</u>	<u>22</u>	<u>4</u>	<u>281</u>
	minor	<u>2</u>	<u>1</u>	<u>2</u>	.	.	<u>5</u>
	trivial	<u>1</u>	<u>1</u>	.	.	.	<u>2</u>
	enhancement	<u>4</u>	<u>4</u>	<u>1</u>	.	.	<u>9</u>
Total	<u>74</u>	<u>150</u>	<u>61</u>	<u>23</u>	<u>5</u>	<u>313</u>	

# Standards



- Working with the community on
  - Promises A+ (cancellation and progress)
  - W3C URL
  - W3C Web Components
  - HTML Templates and Custom Elements
  - Orion provides reference code and test suites

# Community



- Orion team members are active in Bugzilla, newsgroups, mailing lists, Eclipse forums and Twitter
- <http://wiki.eclipse.org/Orion/Buzz> - Continuous press
- Warsaw Student working group on Git for Node.js
- Two UCOSP students working on Accessibility and Node.js language tools
- Blogs started by Orion committers are active:
  - <http://planetorion.org>
  - <http://planetecclipse.org>
  - Team is using the eclipse-orion IRC channel
  - [irc.freenode.net/#eclipse-orion](http://irc.freenode.net/#eclipse-orion)
  - also see: <http://wiki.eclipse.org/index.php/IRC>
- The Orion team participates in code camps, conference presentations, and tutorials, including
  - EclipseCon EU, MLOC.JS, Ottawa JS Group
- The Orion team interacts with other open source projects, standards bodies, and other projects on eclipse.org, including
  - Mozilla, Dojo Foundation (Dojo framework, Maqetta), JGit, Mylyn, jsdoc, Firebug, CodeMirror, Esprima

# Process



- Orion is developed using an open, transparent, and inclusive process
- Team relies on Bugzilla, mailing lists, forums, social media for input
- Weekly planning calls conducted with all contributors welcome including a new User Experience Call
- Self-hosted development on <http://orion.eclipse.org>
  - Meeting minutes posted to the orion-dev mailing list
- Publicly available plan: <http://wiki.eclipse.org/Orion/Plan>

# IP Issues



- All significant and third party contributions have been reviewed and approved by Eclipse legal.
- About files and license files are complete and correct.
- Client code as well as the *Node.js Orion Server* (JavaScript) is dual-licensed with EPL and EDL
- Approved 1.0 release log:
  - (waiting approval)

# Future Plans



- Continue with 4 month release cycle to keep up with pace of development in the web community.
- 3.0 release in June 2013
- Continuing Focus on APIs, i18N, Accessibility, Cross-site workflows. Move to official support for the Projects page including sftp and other drive options. Support WAR file distribution of Java Server

