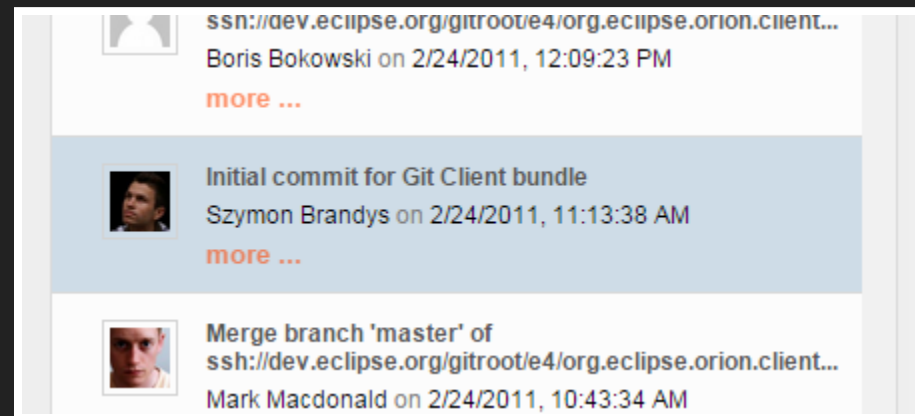


GIT IT DONE




GIT, GERRIT AND GITHUB AT ORION

Bogdan Gheorghe - IBM

BRIEF HISTORY OF THE ORION PAGE



The screenshot displays a list of three Git commits. Each entry includes a profile picture, the commit title, the author's name, and the commit time. The first commit is by Boris Bokowski, the second by Szymon Brandys, and the third by Mark Macdonald. Each entry also has a 'more ...' link.

-  `ssh://dev.eclipse.org/gitroot/e4/org.eclipse.orion.client...`
Boris Bokowski on 2/24/2011, 12:09:23 PM
[more ...](#)
-  Initial commit for Git Client bundle
Szymon Brandys on 2/24/2011, 11:13:38 AM
[more ...](#)
-  Merge branch 'master' of
`ssh://dev.eclipse.org/gitroot/e4/org.eclipse.orion.client...`
Mark Macdonald on 2/24/2011, 10:43:34 AM

FEATURES OF GIT PAGE

- Cloning/Init Repos
- Working Directory Actions
- Staging Support
- Integrated Compare Editor
- Full Branching Support
- Fetch/Merge/Rebase/Squash
- Actions on a Commit
- Log
- Filtering
- Git Config Editing
- Git File System
- Gerrit Integration
- Available everywhere!

ORIGINAL ORION GIT PAGES

PAIN POINTS

- Too Disjointed
- Easy to Lost Context
- Hard to Understand "Big Picture"
- Lots of Repetition of UI buttons
- UI jumpy because of fetching info - server optimizations needed

DESIGN CHALLENGES

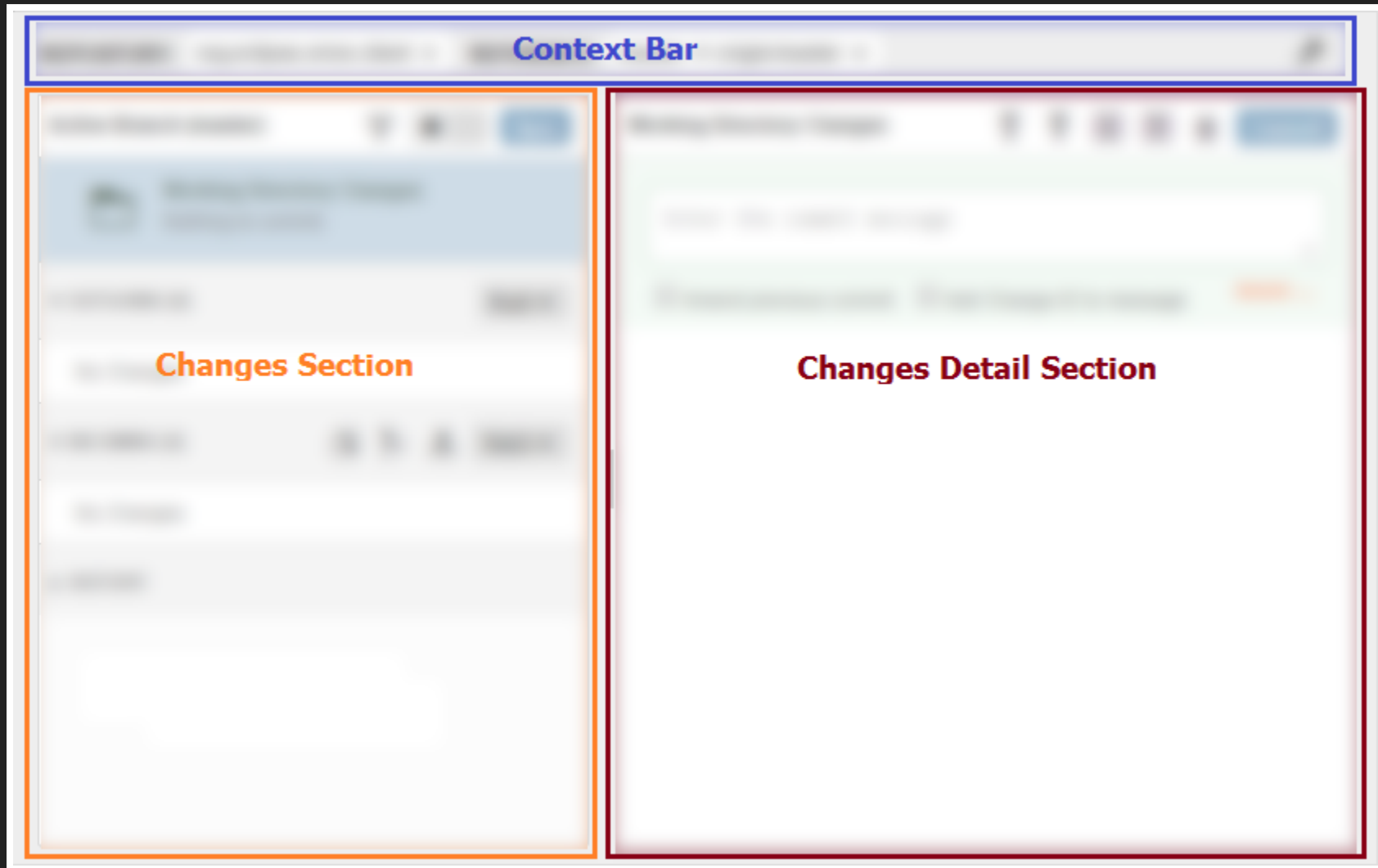
- Different Experience Levels
- Different Use Cases

CHANGES!

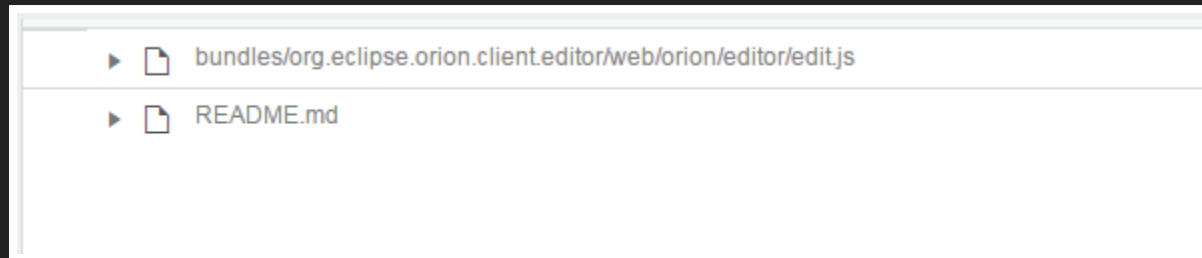


A NEW PAGE IS BORN!

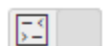
PAGE STRUCTURE



A CHANGE DETAILS WIDGET

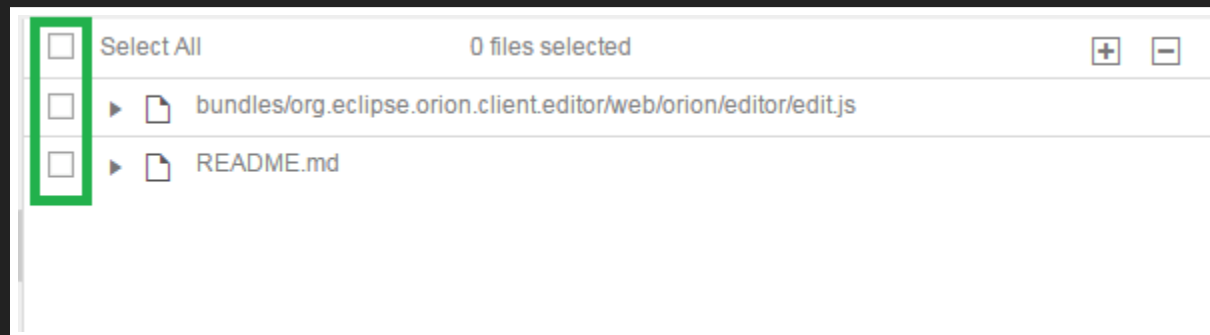


bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js

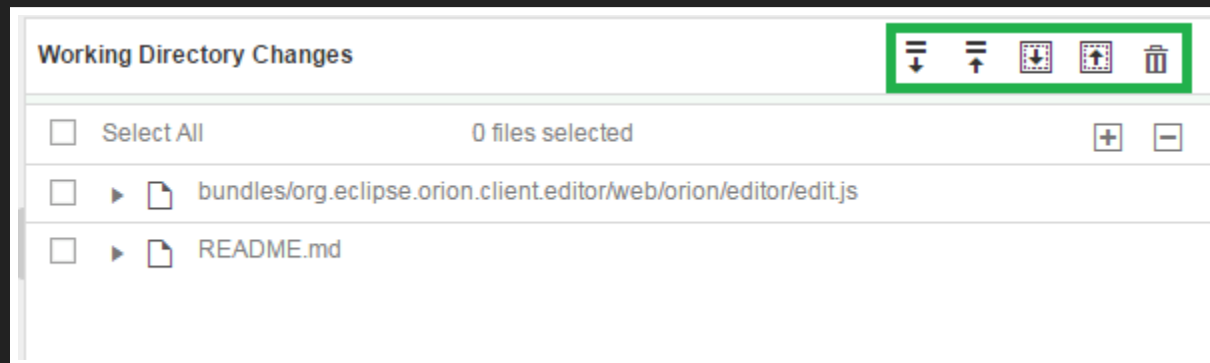


```
1 1 /*****
2 2  * @license
3 3  * Copyright (c) 2013 IBM Corporation and others.
3 3  * Copyright (c) 2015 IBM Corporation and others.
4 4  * All rights reserved. This program and the accompanying materials
5 5  * available under the terms of the Eclipse Public License v1.0
6 6  * (http://www.eclipse.org/legal/epl-v10.html), and the Eclipse Dis
7 7  * License v1.0 (http://www.eclipse.org/org/documents/edl-v10.html)
8 8  *
9 9  * Contributors:
10 10  *   IBM Corporation - initial API and implementation
11 11  *****/
12 12
13 13 /*globals define Node */
14 14
15 15 define('orion/editor/edit', [ //$NON-NLS-0$
16 16   "require", //$NON-NLS-0$
17 17
18 18   "orion/editor/config", //$NON-NLS-0$
19 19   "orion/editor/shim", //$NON-NLS-0$
20 20
21 21   "orion/editor/textView", //$NON-NLS-0$
22 22   "orion/editor/textModel", //$NON-NLS-0$
23 23   "orion/editor/textTheme", //$NON-NLS-0$
24 24   "orion/editor/projectionTextModel", //$NON-NLS-0$
25 25   "orion/editor/eventTarget", //$NON-NLS-0$
26 26   "orion/keyBinding", //$NON-NLS-0$
```

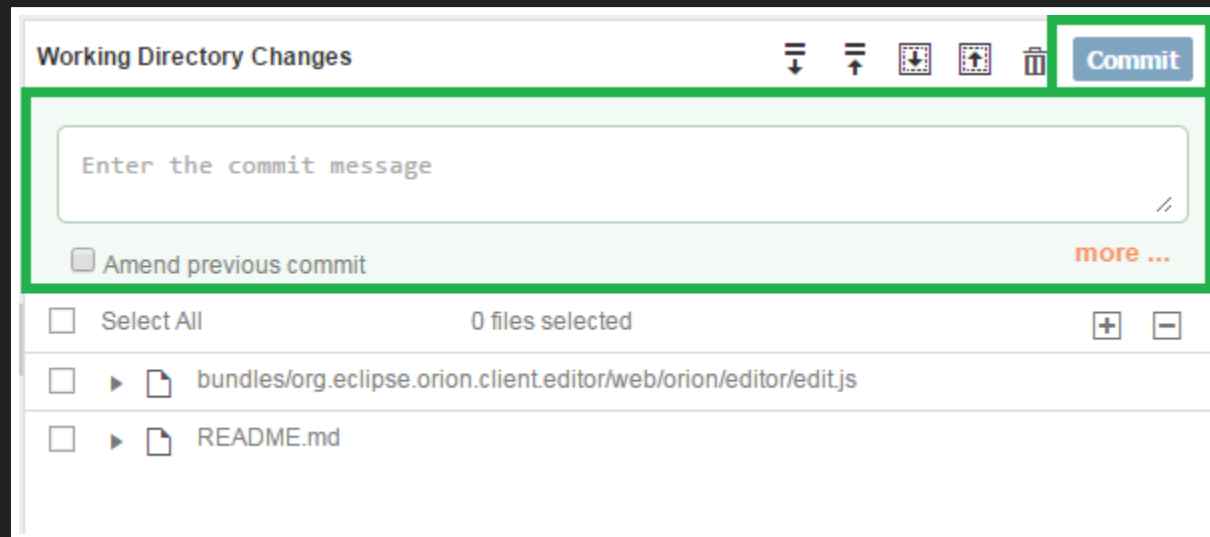
ADD CHECKBOXES



CHANGE DETAILS WIDGET ACTIONS



GETTING CHANGES OUT



f

LH WORKING DIR SECTION

The screenshot displays the 'Working Directory Changes' section of a code editor. On the left, a folder icon is labeled 'Working Directory Changes' with the text '2 files changed. 2 files ready to commit.' below it. On the right, the 'Working Directory Changes' panel features a 'Commit' button, a text input field for the commit message, an 'Amend previous commit' checkbox, and a list of files: 'bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js' and 'README.md'. A 'Select All' checkbox is also present, indicating '0 files selected'.

Working Directory Changes

2 files changed. 2 files ready to commit.

Working Directory Changes

Enter the commit message

Amend previous commit [more ...](#)

Select All 0 files selected


- bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js
- README.md

OUTGOING SECTION

The screenshot displays a Git client interface with two main panels. The left panel, titled 'Working Directory Changes', shows 'Nothing to commit.' Below this, the 'OUTGOING (1)' section is highlighted with a green border. It contains a commit entry for 'A|sample commit' by 'Bogdan Gheorghe' on '3/7/2015, 9:20:51 PM', with a 'more ...' link. A 'Push' button is visible to the right of the outgoing list. The right panel, titled 'Commit (2fae40)', shows '2 files changed' and lists the files: 'README.md' and 'bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js'.



Working Directory Changes
Nothing to commit.

▼ **OUTGOING (1)** Push ▼

 **A|sample commit**
Bogdan Gheorghe on 3/7/2015, 9:20:51 PM
[more ...](#)

Commit (2fae40)

2 files changed

- ▶  README.md
- ▶  bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js

OUTGOING SECTION ACTIONS

The screenshot displays a Git client interface with two main panels. The left panel, titled "Working Directory Changes", shows "Nothing to commit." Below this, an "OUTGOING (1)" section is visible, containing a commit entry by Bogdan Gheorghe on 3/7/2015 at 9:20:51 PM, with a "more ..." link. A "Push" button is located to the right of the outgoing section. The right panel, titled "Commit (2fae40)", shows "2 files changed" and lists the files: "README.md" and "bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js". A green box highlights the top-right corner of the commit panel, containing four icons: a diamond, a tag, a list, and a refresh symbol.

Working Directory Changes
Nothing to commit.

OUTGOING (1) Push

A sample commit
Bogdan Gheorghe on 3/7/2015, 9:20:51 PM
[more ...](#)

Commit (2fae40)

2 files changed

- ▶ README.md
- ▶ bundles/org.eclipse.orion.client.editor/web/orion/editor/edit.js

INCOMING SECTION

The screenshot displays a Git GUI interface with two main panels. The left panel shows the commit history, and the right panel shows the details of the selected commit.

Left Panel:

- Working Directory Changes:** Nothing to commit.
- OUTGOING (1):** A sample commit by Bogdan Gheorghe on 3/7/2015, 9:20:51 PM. Includes a [more ...](#) link.
- INCOMING (1):** Fix up README... by Silenio Quarti on 3/7/2015, 10:48:41 PM. Includes a [more ...](#) link. This section is highlighted with a green border.

Right Panel:

- Commit (a536f0):** Shows 1 file changed: README.md.

INCOMING SECTION ACTIONS

The screenshot displays a Git GUI interface. On the left, the 'Working Directory Changes' section shows 'Nothing to commit'. Below it, the 'OUTGOING (1)' section contains a commit by Bogdan Gheorghe. The 'INCOMING (1)' section, highlighted in blue, shows a commit by Silenio Quarti titled 'Fix up README...'. On the right, the 'Commit (a536f0)' section shows '1 file changed' (README.md). A green box highlights a toolbar with icons for commit, refresh, delete, merge, undo, redo, and help.

Working Directory Changes
Nothing to commit.

▼ OUTGOING (1) Push ▼

A sample commit
Bogdan Gheorghe on 3/7/2015, 9:20:51 PM
[more ...](#)

▼ INCOMING (1) Fetch ▼

Fix up README...
Silenio Quarti on 3/7/2015, 10:48:41 PM
[more ...](#)

Commit (a536f0)

1 file changed + -


▶ README.md

HISTORY SECTION


The screenshot displays a version control interface with two main panels. The left panel shows the commit history, and the right panel shows the details of a selected commit.

Working Directory Changes
Nothing to commit.



OUTGOING (1) Push ▾

-  **A sample commit**
Bogdan Gheorghe on 3/8/2015, 11:56:12 PM
[more ...](#)

INCOMING (1) Refresh Refresh Refresh Fetch ▾




-  **Fix up README...**
Silenio Quarti on 3/7/2015, 10:48:41 PM
[more ...](#)

HISTORY

-  **Test**
Bogdan Gheorghe on 3/5/2015, 10:54:55 PM
[more ...](#)
-  **Format change...**

Commit (10c8a9) Check Refresh Location Refresh Refresh Refresh Refresh Refresh

3 files changed + -

-  README.md
-  bundles/org.eclipse.orion.client.ui/web/edit/readonly.js
-  bundles/org.eclipse.orion.client.ui/web/edit/setup.js

HISTORY SECTION ACTIONS

The screenshot displays a version control interface with two main panels. The left panel shows the commit history, and the right panel shows the details of a specific commit.

Left Panel: Commit History

- Working Directory Changes:** Nothing to commit.
- OUTGOING (1):** Includes a **Push** button.
- Commit 1:** "A sample commit" by Bogdan Gheorghe on 3/8/2015, 11:56:12 PM. Includes a **more ...** link.
- INCOMING (1):** Includes **Fetch** and **Fetch** buttons.
- Commit 2:** "Fix up README..." by Silenio Quarti on 3/7/2015, 10:48:41 PM. Includes a **more ...** link.
- HISTORY:**
 - Commit 3:** "Test" by Bogdan Gheorghe on 3/5/2015, 10:54:55 PM. Includes a **more ...** link.
 - Commit 4:** "Format change..."

Right Panel: Commit (10c8a9)

This panel shows the details of a commit with the hash **10c8a9**. A green box highlights the top toolbar containing icons for: **Checkmark**, **Refresh**, **Location**, **Branch**, **Undo**, **Diff**, and **Commit**.

3 files changed

- ▶ **README.md**
- ▶ **bundles/org.eclipse.orion.client.ui/web/edit/readonly.js**
- ▶ **bundles/org.eclipse.orion.client.ui/web/edit/setup.js**

REPO PICKER

The screenshot displays a web-based Git interface. At the top left, a dropdown menu labeled "REPOSITORY:" is highlighted with a green border and contains the text "org.eclipse.orion.client". Below this, the "Active Branch (master)" section includes a search icon, a star icon, and a "Sync" button. The "Working Directory Changes" section shows a folder icon and the text "Nothing to commit.". The "OUTGOING (1)" section features a "Push" button and a commit entry for Bogdan Gheorghe with the message "A sample commit" and a "more ..." link. The "INCOMING (1)" section includes a "Fetch" button and a commit entry for Silenio Quarti with the message "Fix up README..." and a "more ..." link. The "HISTORY" section lists two previous commits: "Test" by Bogdan Gheorghe and "Format change..." by Silenio Quarti. On the right side, the "Commit (10c8a9)" section shows a toolbar with icons for commit, refresh, location, merge, undo, redo, and help. Below the toolbar, it indicates "3 files changed" and lists the files: "README.md", "bundles/org.eclipse.orion.client.ui/web/edit/readonly.js", and "bundles/org.eclipse.orion.client.ui/web/edit/setup.js".


REFERENCES

REPOSITORY: org.eclipse.orion.client REFERENCE: master => origin/master


Active Branch (master) Sync

Working Directory Changes
Nothing to commit.


▼ OUTGOING (1) Push ▼


 A sample commit
Bogdan Gheorghe on 3/8/2015, 11:56:12 PM
[more ...](#)

▼ INCOMING (1) Fetch ▼

 Fix up README...
Silenio Quarti on 3/7/2015, 10:48:41 PM
[more ...](#)

▼ HISTORY

 Test
Bogdan Gheorghe on 3/5/2015, 10:54:55 PM
[more ...](#)

 Format change...
Silenio Quarti on 3/5/2015, 12:23:35 PM

Commit (10c8a9) [Icons]

3 files changed [+ -]

- ▶ README.md
- ▶ bundles/org.eclipse.orion.client.ui/web/edit/readonly.js
- ▶ bundles/org.eclipse.orion.client.ui/web/edit/setup.js

MASTER=>ORIGIN/MASTER

HISTORY + OUTGOING

REPOSITORY: org.eclipse.orion.client

REFERENCE: master => origin/master

Active Branch (master)



Sync



Working Directory Changes
Nothing to commit.

OUTGOING (1)

Push



A sample commit
Bogdan Gheorghe on 3/8/2015, 11:56:12 PM
[more ...](#)

INCOMING (1)



Fetch



Fix up README...
Silenio Quarti on 3/7/2015, 10:48:41 PM
[more ...](#)

HISTORY



Test
Bogdan Gheorghe on 3/5/2015, 10:54:55 PM
[more ...](#)



Format change...
Silenio Quarti on 3/5/2015, 12:23:35 PM
[more ...](#)



Small change...
Bogdan Gheorghe on 3/3/2015, 8:59:31 PM
[more ...](#)

Working Directory Changes

Enter the commit message

Amend previous commit

Log of Local Branch

HISTORY + INCOMING

REPOSITORY: org.eclipse.orion.client

REFERENCE: master => origin/master

Active Branch (master)



Sync



Working Directory Changes
Nothing to commit.

OUTGOING (1)

Push



A sample commit
Bogdan Gheorghe on 3/8/2015, 11:56:12 PM
[more ...](#)

INCOMING (1)



Fetch



Fix up README...
Silenio Quarti on 3/7/2015, 10:48:41 PM
[more ...](#)

HISTORY



Test
Bogdan Gheorghe on 3/5/2015, 10:54:55 PM
[more ...](#)



Format change...
Silenio Quarti on 3/5/2015, 12:23:35 PM
[more ...](#)



Small change...
Bogdan Gheorghe on 3/3/2015, 8:59:31 PM
[more ...](#)

Working Directory Changes

Enter the commit message

Amend previous commit

Log of Remote Branch

GENERAL SHAPE OF NEW PAGE

The screenshot displays the Eclipse Orion IDE interface, which is a web-based development environment. The top bar shows the repository name 'org.eclipse.orion.client' and the current reference 'master => origin/master'. The main workspace is divided into several sections:

- Active Branch (master):** Shows 'Working Directory Changes' with 'Nothing to commit.' and a 'Sync' button.
- OUTGOING (1):** Lists a commit by 'Bogdan Gheorghe' on 3/1/2015, 12:34:08 AM, with a 'Push' button.
- INCOMING (0):** Shows 'No Changes' and a 'Fetch' button.
- HISTORY:** Lists recent commits, including '[eslint] Reduce default severity of new-parens to warning...' by Mark Macdonald and 'enable blockquote blocks to contain inner blocks' by Grant Gaved.

The right-hand pane shows a commit view for 'Commit (51a35f)' with '1 file changed' (README.md). The commit message and content are visible, including a 'Contributing' section and a 'License' section. The code content includes a 'test' line at the bottom.

DEMO

WORKING WITH REPOS

WORKING WITH CHANGES

WORKING WITH BRANCHES

WORKING WITH INCOMING CHANGES

SYNC BUTTON

ADDITIONAL HISTORY ACTIONS

LOG VIEW

FILTERING

WORKING WITH GERRIT

WORKING WITH GITHUB

THANKS!

- <http://eclipse.org/orion/>
- <https://orionhub.org/>