

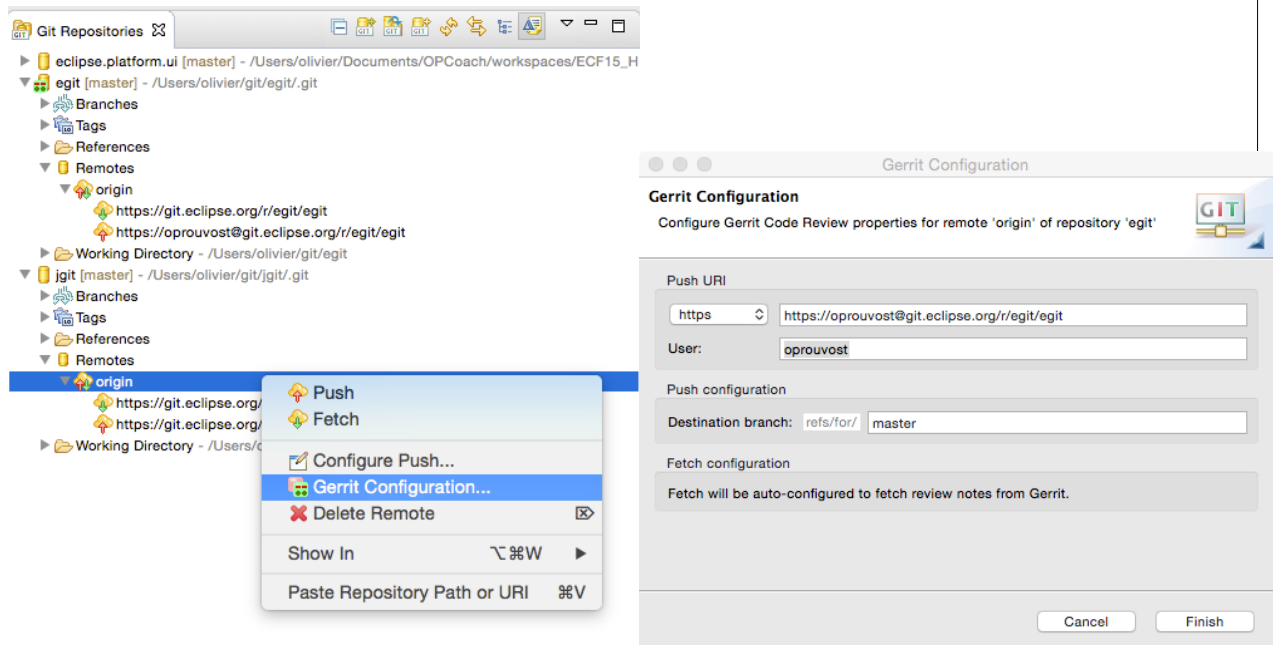
**Use Case : Getting a new project****How to do it :**

- go to the project page : <http://projects.eclipse.org>
- search for your project
- read the documentation (sometimes there are specific features to install)
- If you don't have the resources to download the code, find it on the git project page : <http://git.eclipse.org>

## Use Case : Configure gerrit

### How to do it :

- In the gerrit configuration settings, generate the https password : <https://git.eclipse.org/r/#/settings/http-password>
- In the git repository view open the gerrit configuration dialog and enter your gerrit user name :



The screenshot shows the Eclipse IDE interface. On the left, the 'Git Repositories' view displays a tree structure of repositories. The 'origin' remote for the 'egit' repository is selected, showing its push and fetch URIs. A context menu is open over the 'origin' entry, with 'Gerrit Configuration...' highlighted. On the right, the 'Gerrit Configuration' dialog is open, showing the configuration for the 'origin' remote. The 'Push URI' section has 'https' selected and the URI 'https://oprouvost@git.eclipse.org/r/egit/egit'. The 'User' field contains 'oprouvost'. The 'Destination branch' is set to 'refs/for/master'. The 'Fetch configuration' section is auto-configured to fetch review notes from Gerrit. 'Cancel' and 'Finish' buttons are at the bottom right of the dialog.

## Use Case : Starting to work on a single bug

### How to do it :

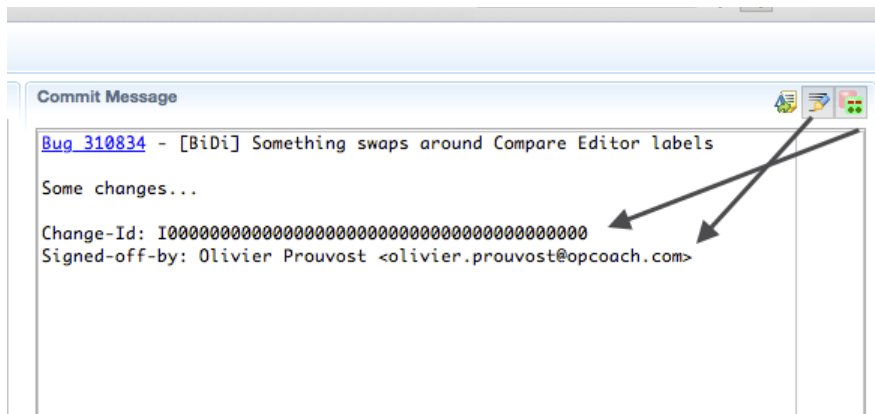
- Check if the bug still exists !
- Take the bug on bugzilla (assigned status)
- Fix the code (it is not necessary to create a branch)
- When it is ok, commit with this message :

Bug XXXXX – Title of the bug (→ can be copied from bugzilla)

Some explanations

Signed-Off : your name (→ set automatically with button)

Change-ID : computed



**Use Case : Push to gerrit**

You want to publish for a review after a commit

**How to do it :**

- First ensure that the repository did not change since you started your modification. → Do a fetch
  - If there are changes, → Do a rebase
  - If there are any conflicts, fix them and commit if needed
  - Test again
- Push (to refs/for/master)

**Possible troubles :**

- CLA is not signed
- email address used for CLA must match the email address in commit message
- git email address must match the email address in CLA

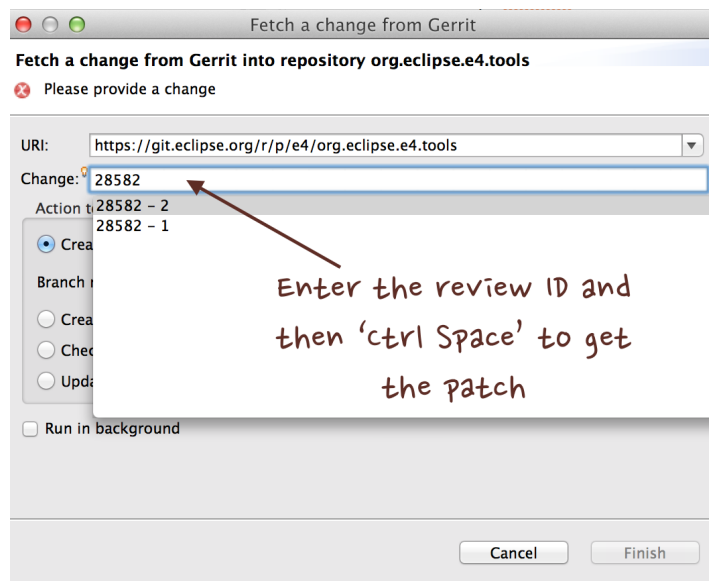
### Use Case : My review has been refused

**Cause** : your code is bad or failed

**Solution** : respond to the review comment, and try to fix or abandon the change.

#### How to do it :

- On the gerrit web page answer to the reviewer
- Get the code of the commit :
  - if you still work on this commit, continue
  - if necessary fetch the review from gerrit (Team->Remote->Fetch from gerrit...) and get the latest patch using this dialog :



to get the review ID check the review's URL :  
<https://git.eclipse.org/r/#/c/46354/>

- Fix the bug
- **Amend** the commit and push again (**don't change the commit ID**)

**Use Case : Testing the build**

**Cause** : you have changed your architecture (features, plugins,...)

**Solution** : just launch a local build

**How to do it :**

- launch the maven pom on the project with a : mvn clean install
- anyway gerrit will fail if there are building problems.

**Use Case : My review is accepted but can not be merged on repository**

**Cause** : The repository has advanced and the review is behind the current repository..

**Solution** : rebase

**How to do it :**

- On the Gerrit page of the review, click on the 'Rebase button'

**Possible troubles :**

Conflict → go back on Eclipse, resolve and push again the review (amend the commit with same commit ID).