## Use Case: Getting a new project

**How to do it:**

- go to the project page: [http://projects.eclipse.org](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](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:
Eclipse Contribution Use Cases

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:

  ![Gerrit Fetch a change from dialog](image)

  Enter the review ID and then 'ctrl Space' to get the patch

  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 `mvn clean install`
- anyway gerrit will fail if there are building problems.
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<th>My review is accepted but can not be merged on repository</th>
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**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).