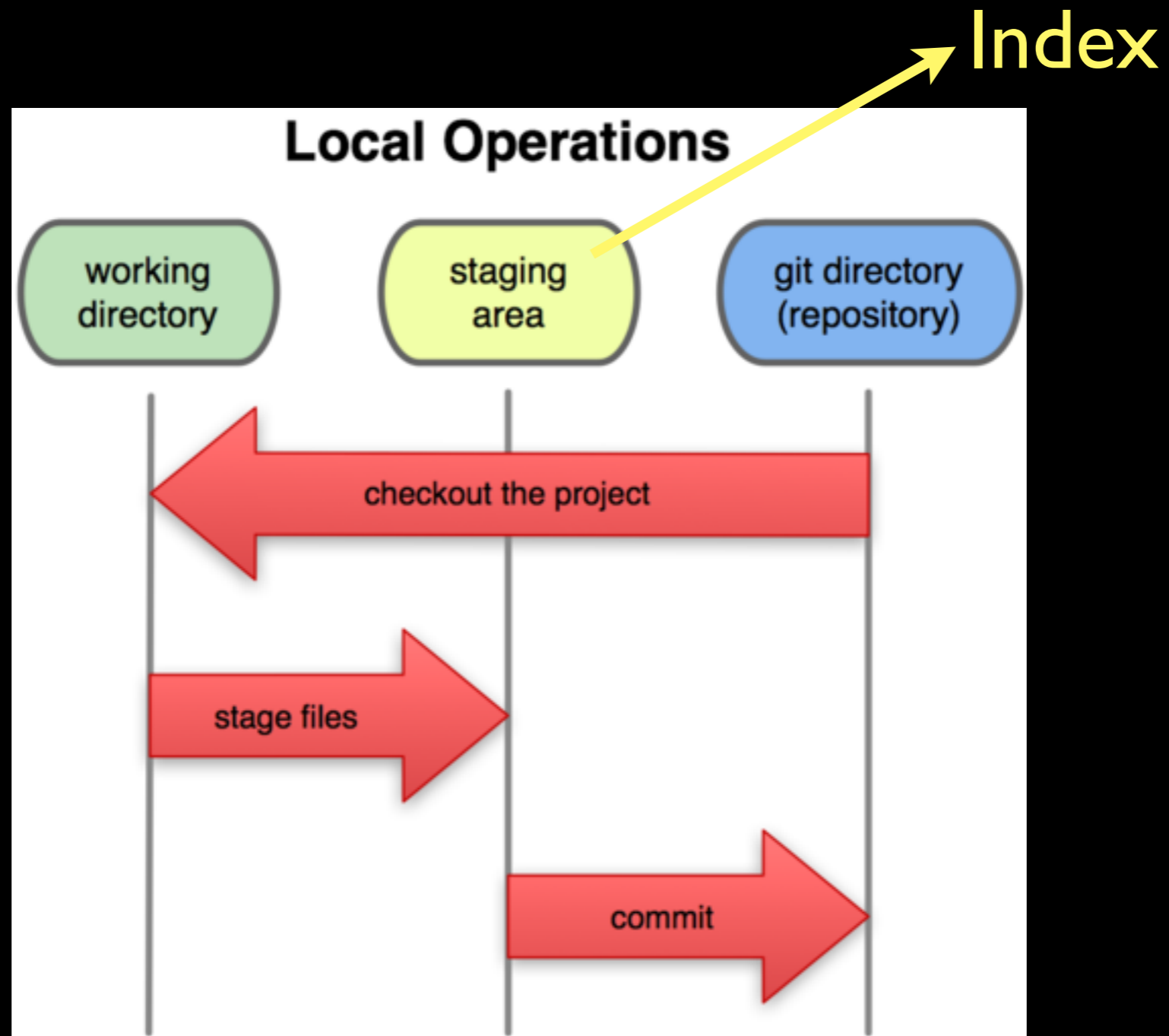


EGit Basics (in Eclipse Juno)

Ming-Hsien Tsai

Git Index



Source: <http://git-scm.com>

Configuration

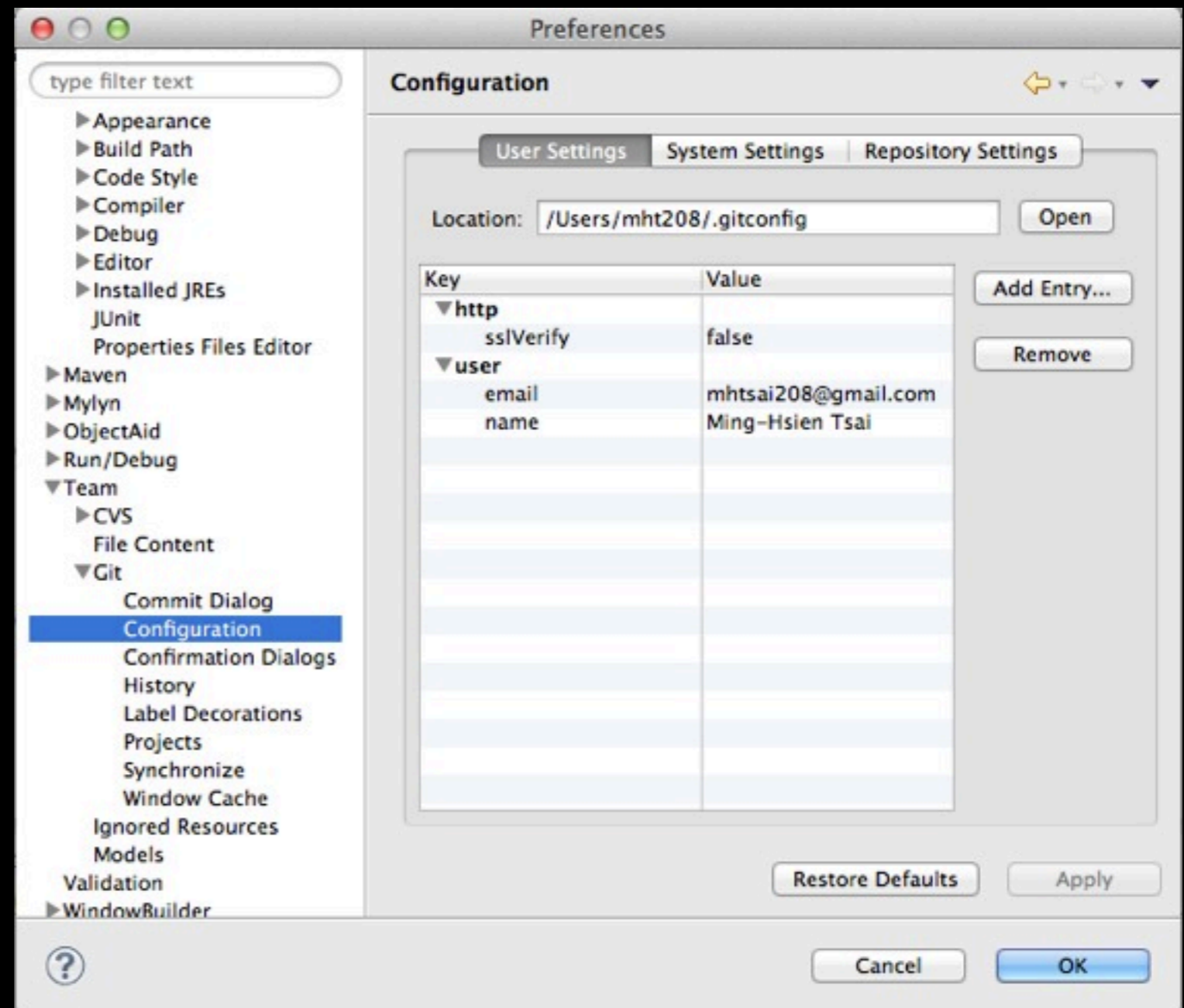
Eclipse / Preferences... (⌘,)

Window / Preferences

user.name = <NAME>

user.email = <EMAIL>

http.sslVerify = false (optional)



Clone

File / Import...

Git / Projects from Git

URI

...

Import existing projects

Import Projects from Git

Source Git Repository

Enter the location of the source repository.

Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

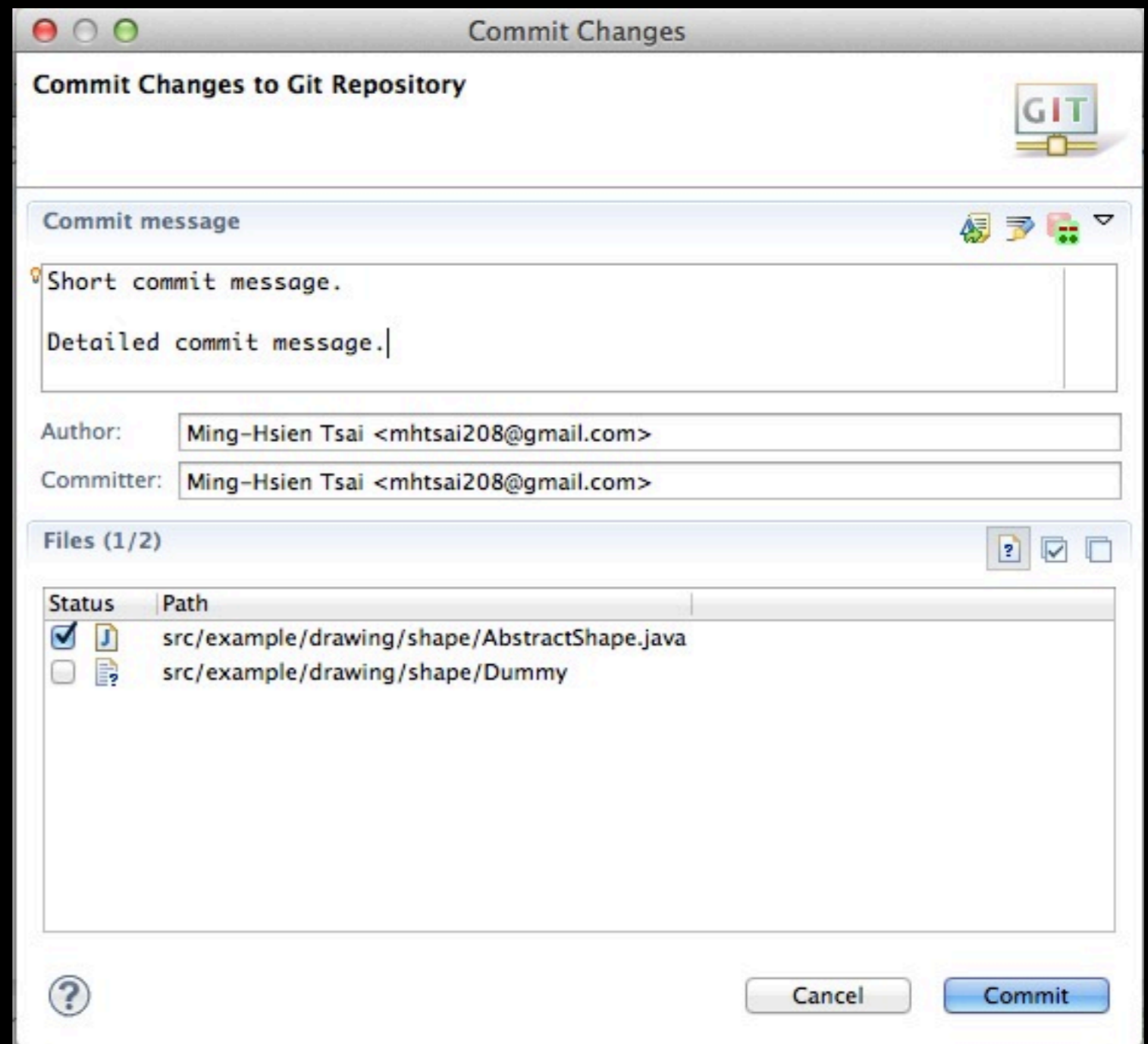
Store in Secure Store

Commit

Popup menu / Team / Commit...

Avoid amending pushed commits.

Check the files to include them in the commit.

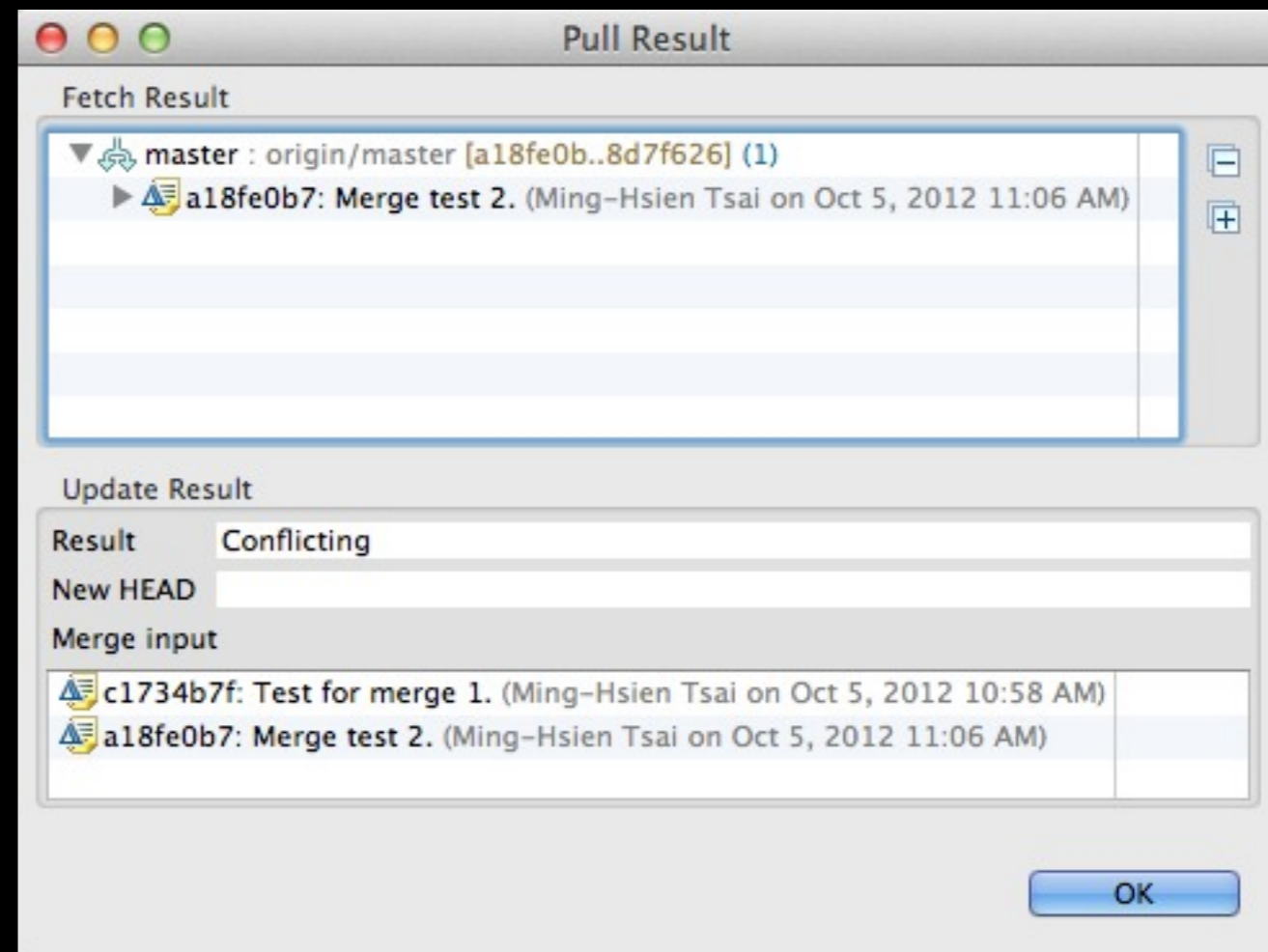


Pull \approx Fetch + Merge

Project popup menu / Team / Pull

Resolve conflicts:

1. Manually merge conflicts.
(File popup menu / Team / Add to Index)
2. Stage the files containing conflicts.
3. Commit.



```
1 <<<<<< HEAD
2 This is the aster branch.
3 =====
4 This is the mster branch.
5 >>>>>> branch 'master' of https://goal.im.ntu.edu.tw/git/test.git
```

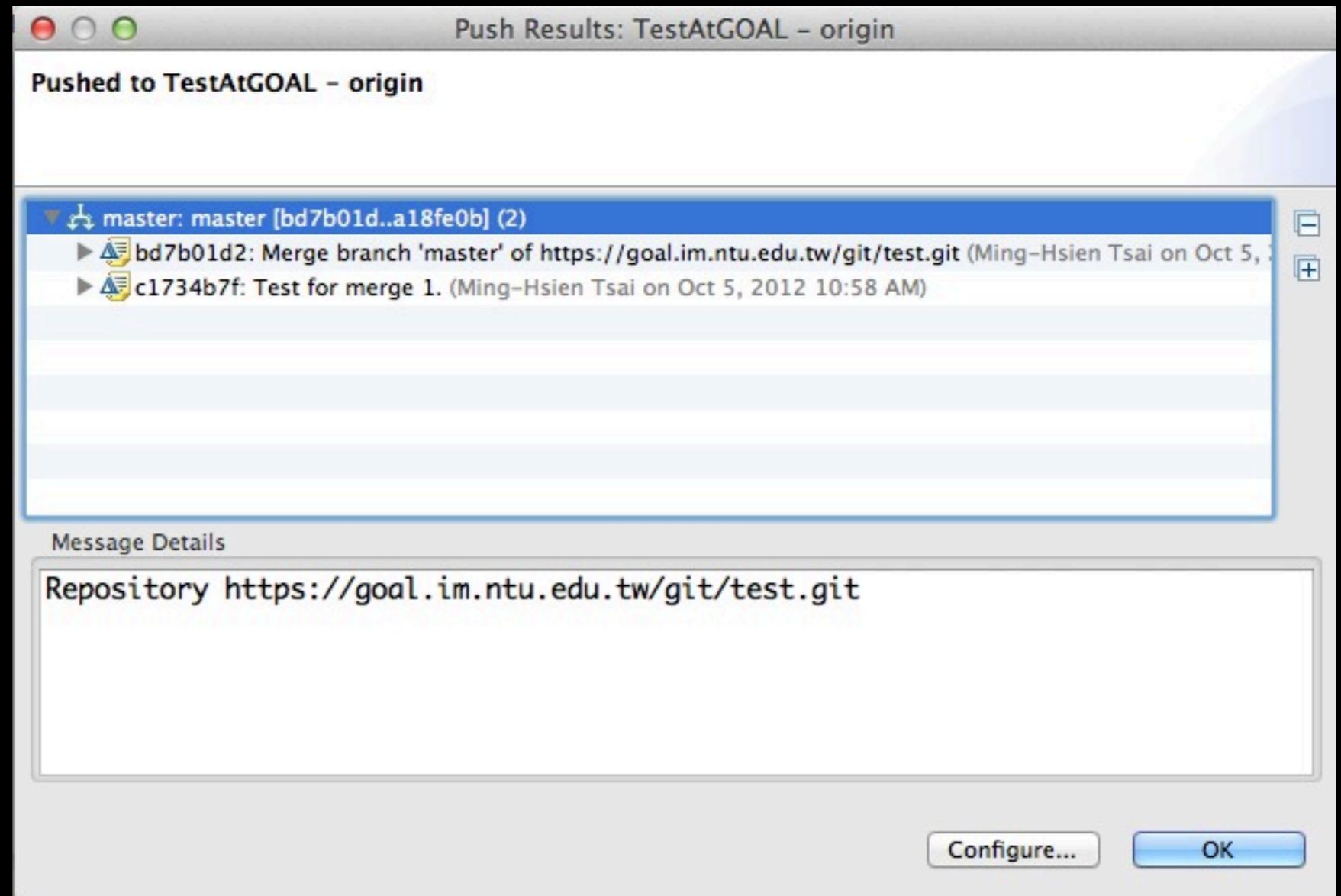
local change ←

remote change ←

Push

Project popup menu / Team / Push to Upstream

Pull before pushing



Reset

Project popup menu / Team / Reset...

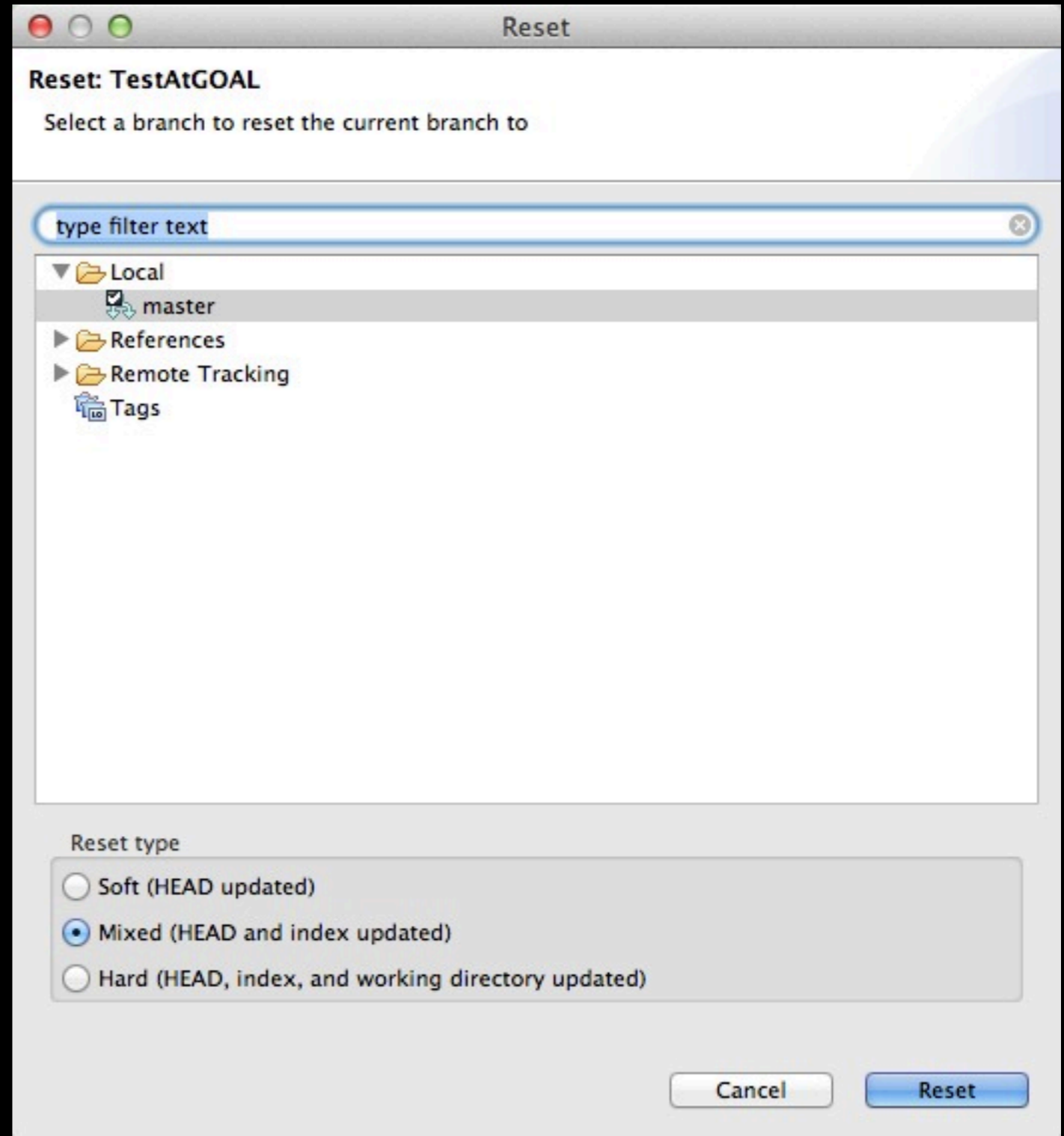
Soft (HEAD updated)

Mixed (HEAD and index updated)

Hard (HEAD, index, and working directory updated) **(be careful!)**

To reset a single file:

File popup menu / Replace With



Share Projects

1. Create a Java project in Eclipse:

File / New / Java Project

2. Create a local Git repository:

Project popup menu / Team / Share Project... / Git / ...

3. Make an initial commit.

4. Add the remote repository:

Project popup menu / Team / Remote / Push...

5. Push.

Ignore Files

Add rules to the file `.gitignore`.

`bin`

ignore the file or folder “bin”

`doc/api`

`doc/manual/*`

ignore everything in “doc/manual”

`!doc/manual/manual.tex`

keep the file “doc/manual/manual.tex”

Others

Project popup menu / Team / Switch To

Project popup menu / Team / Merge...

Project popup menu / Team / Rebase...

Fetch → Rebase (→ Resolve Conflicts → Add to Index → Rebase Continue)

Git Repositories View → Popup menu → Stash Changes