Git @ JDT Tutorial for Greenhorns
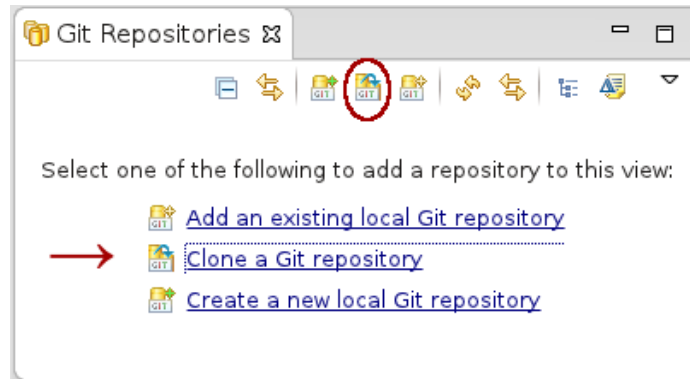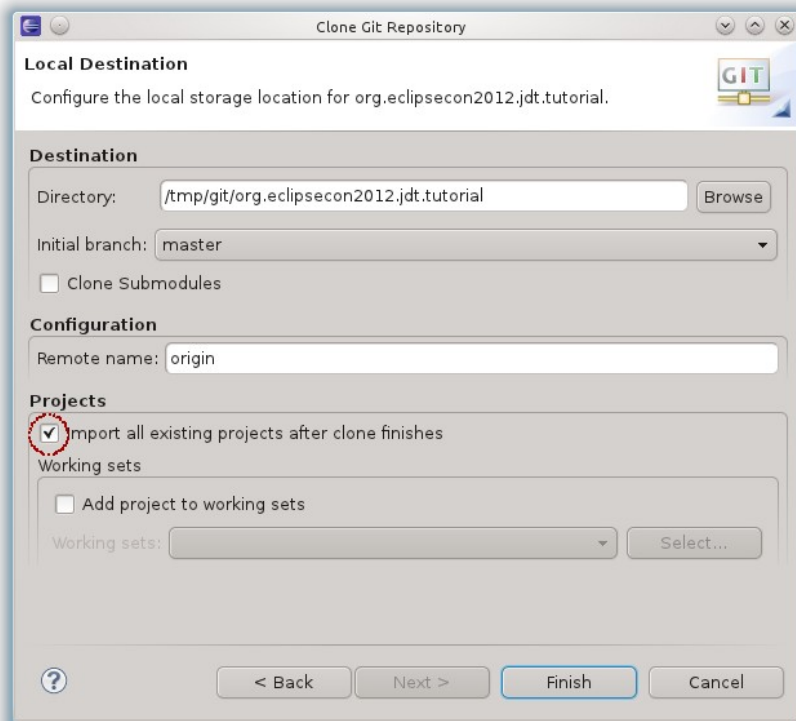
A. Clone a repository

1. Using a **plain Eclipse SDK** open the perspective Git Repository Exploring
2. Select Clone a Git repository

3. Enter URI: git://github.com/aupsy/org.eclipsecon2012.jdt.tutorial
4. On the last wizard page select Import all existing projects after clone finishes

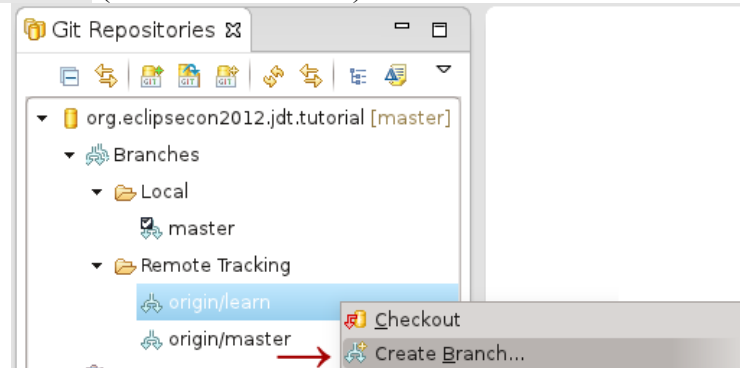Repeat steps 2-4 for git://github.com/aupsy/org.eclipsecon2012.misc.tutorial

For part II of the tutorial using the **Object Teams Development Tooling**, you will uses this repo:

   ○ git://github.com/aupsy/org.eclipsecon2012.ot.tutorial

Additionally the ...misc.tutorial repo should be connected using Add an existing local Git Repo

B. Work in a local branch "learn"

1. Select Branches / Remote Tacking / origin/learn
2. Invoke `Create Branch` (all defaults are OK):

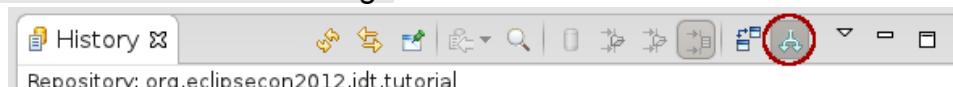## C. Committing one step of work

1. In the Package Explorer select your project
2. Invoke `Context Menu → Team → **Commit** …`
3. Enter a comment and click `Commit`

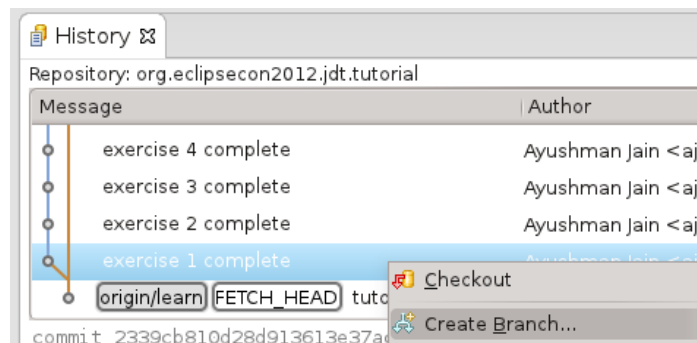Alternatively, if you want to **discard** your work and just go to the next step:

1. In the Package Explorer select your project
2. Invoke `Context Menu → Team → **Reset …**`
3. Select "hard" and click `Reset` and confirm

D. Navigating between commits

1. Open the History view (e.g., project → `Context Menu → Team → Show in History`)
2. Enable `Show All Branches and Tags`

3. To just look at a commit: select the commit and invoke `Checkout`
4. To start working on top of a commit: select the commit and invoke `Create Branch...`

a) Give a new name for you local branch (e.g., "learn-step-2")

E. Inspecting diffs

1. Open the History view and enable `Compare Mode`

2. Select a commit

3. Select a file (double click)