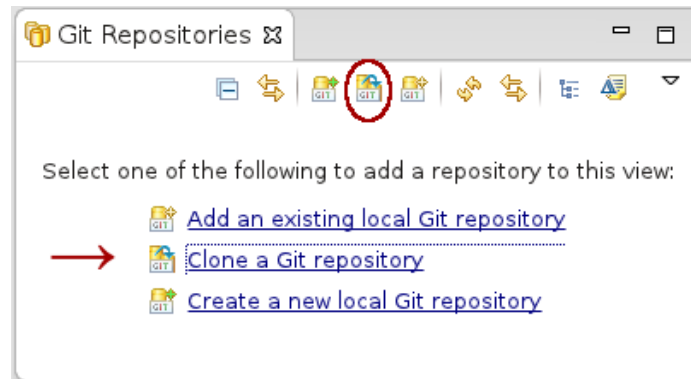


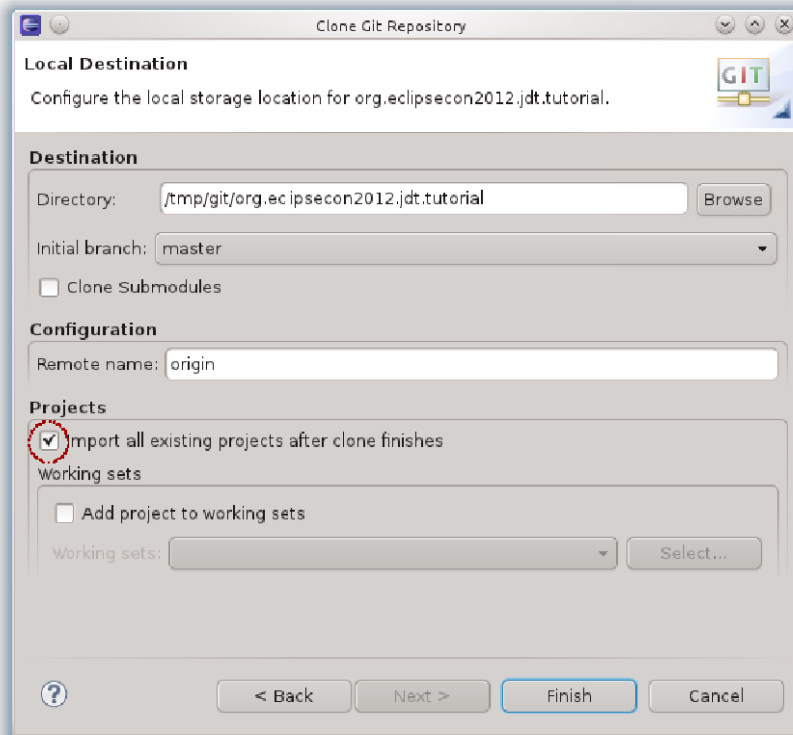
# Git @ JDT Tutorial for Greenhorns

## 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](https://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](https://github.com/aupsy/org.eclipsecon2012.misc.tutorial)

For part II of the tutorial using the **Object Teams Development Tooling**, you will clone this repo in the eclipse + object teams workbench:

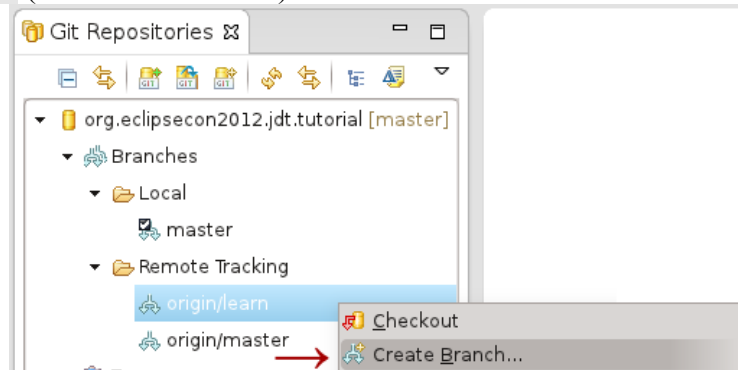
[git://github.com/aupsy/org.eclipsecon2012.ot.tutorial](https://github.com/aupsy/org.eclipsecon2012.ot.tutorial)

Additionally you also need the org.eclipsecon2012.jdt.populator project from the previously

cloned...misc.tutorial repo. It can be directly imported into the new workspace by using “Import..” command, selecting “import existing projects”, and specifying the path of the populator project in your system. OR, the \*.misc.tutorial repo itself can be connected using **Add an existing local Git Repo** option in the git repositories view. Please find the cloned repo on your local disk under a path like \$ {user.dir}/git/.

## ***B. Work in a local branch “learn”***

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



## ***C. Committing one step of work***

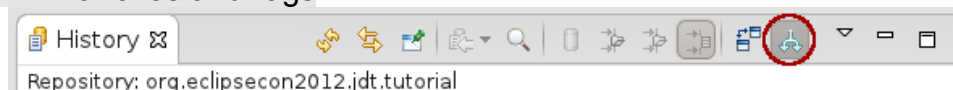
1. In the Package Explorer select your project
2. Invoke Context Menu → **Team → Commit ...**
3. Enter a comment and click **Commit**

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

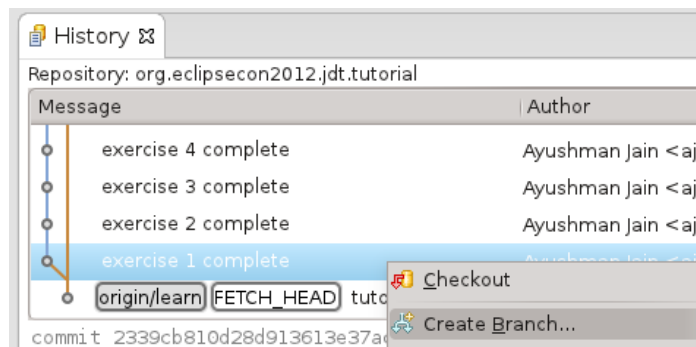
1. In the Package Explorer select your project
2. Invoke Context Menu → **Team → Reset ...**
3. Select “hard” and click **Reset** and confirm

## ***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 your 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)

