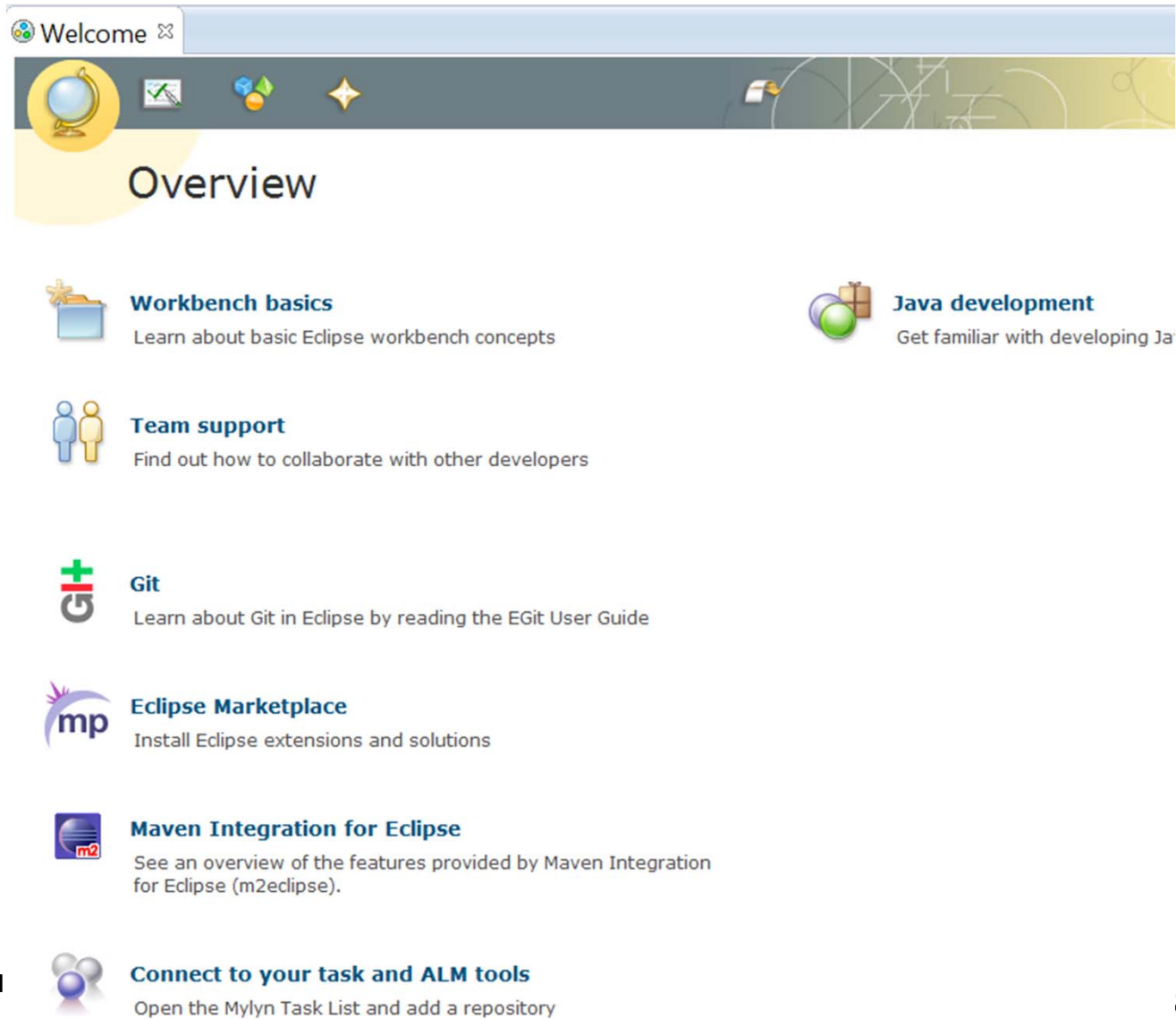


CSCE 747 Software Testing and Quality Assurance

Tools 10: Git under Eclipse

Eclipse Welcome Page



EGit User Guide

Navigation

- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help

Toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link

Page

Discussion

View source

History

Edit

EGit/User

Guide

< EGit

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1 Getting Started

1.1 Overview

1.2 Basic Tutorial: Adding a project to version control

1.2.1 Configuration

1.2.1.1 Identifying yourself

1.2.1.2 Setting up the Home Directory on Windows

1.2.1.3 Pointing out the System wide configuration

1.2.2 Create Repository

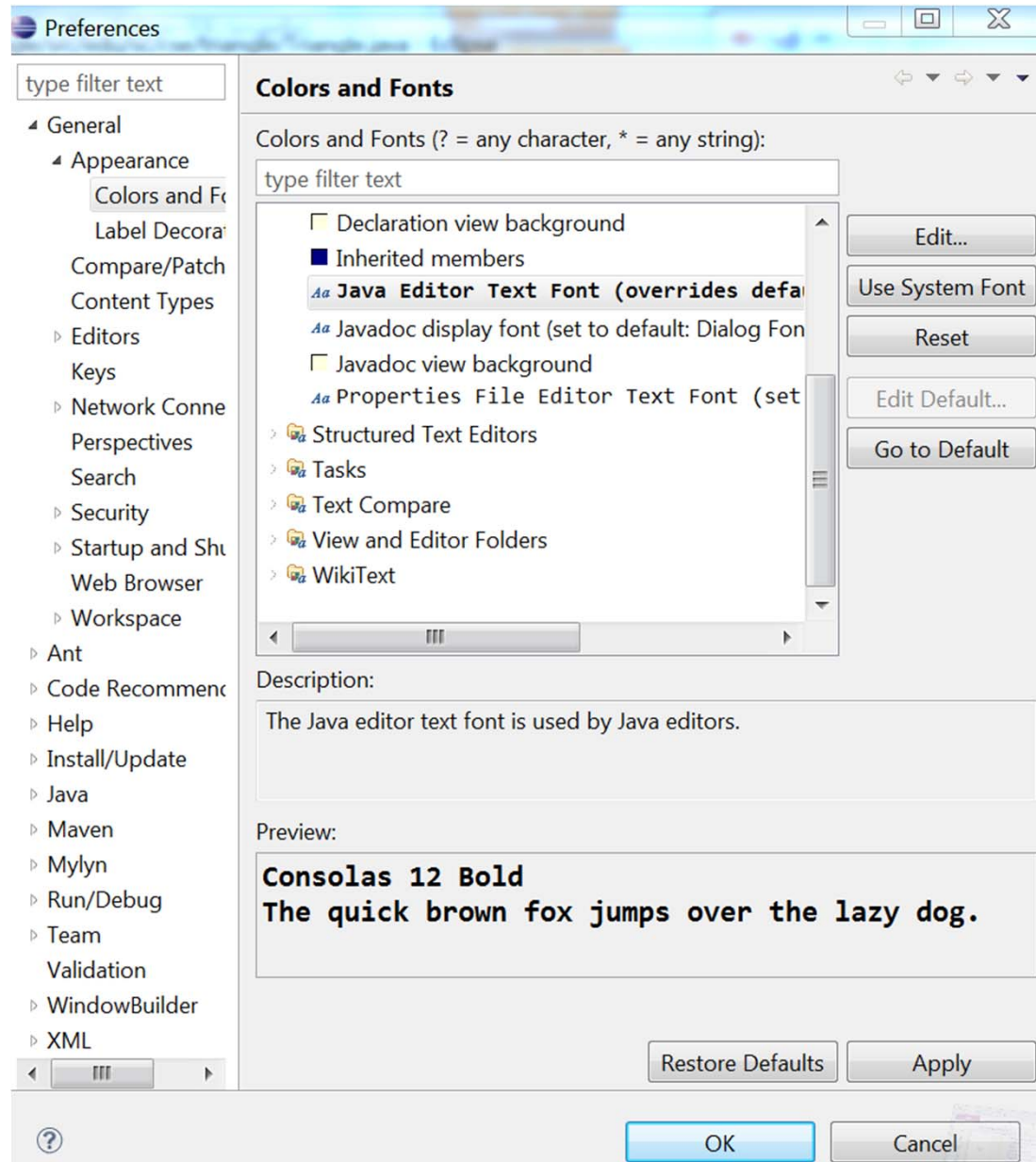
1.2.3 Track Changes

1.2.4 Inspect History

1.3 GitHub Tutorial

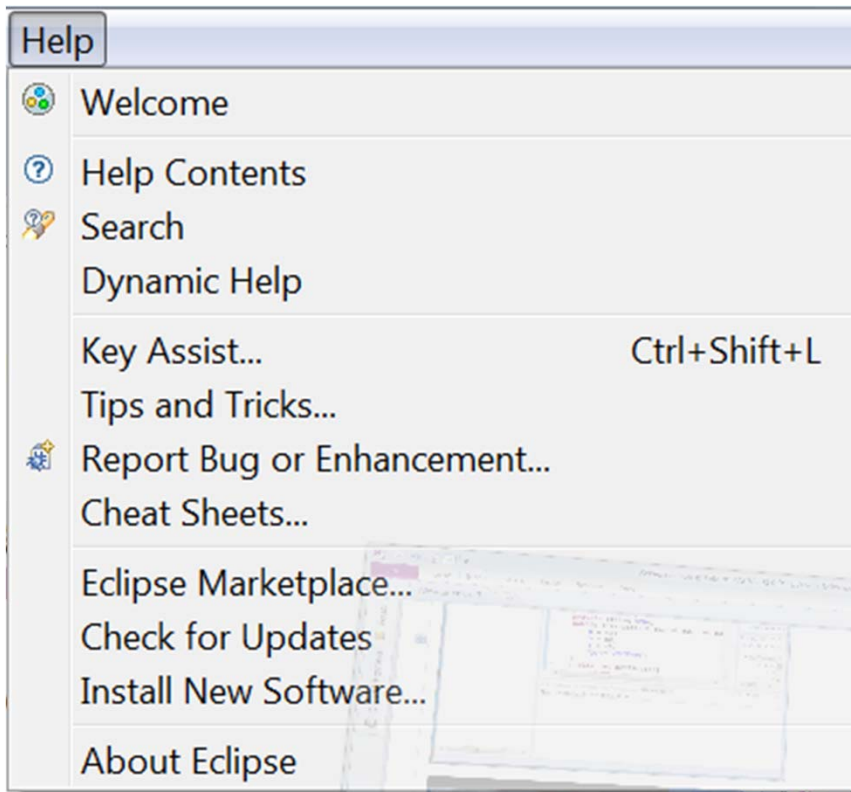
Windows → Preferences

■ Install/Update

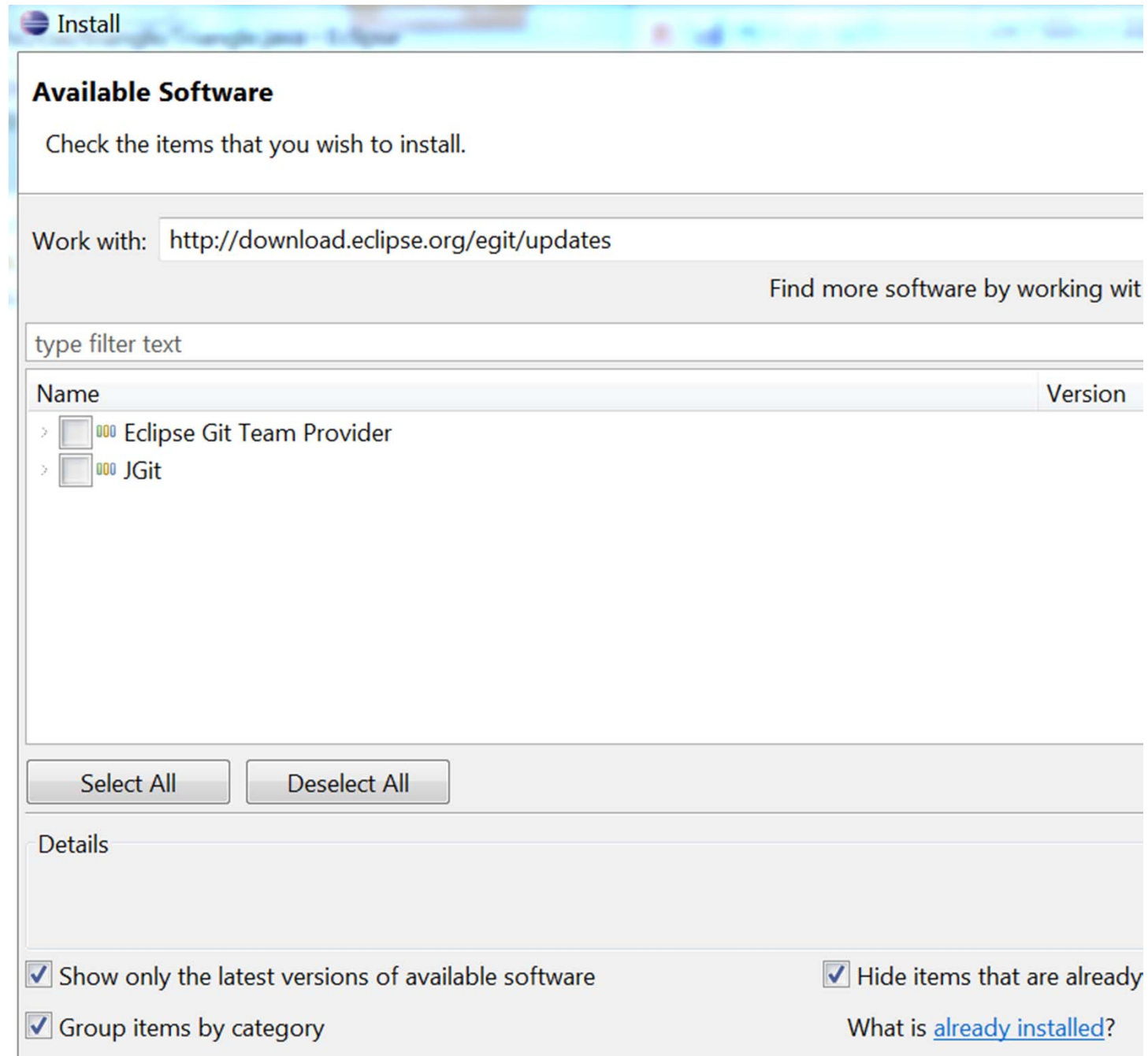


Installing EGit Plug-in

- Under Help

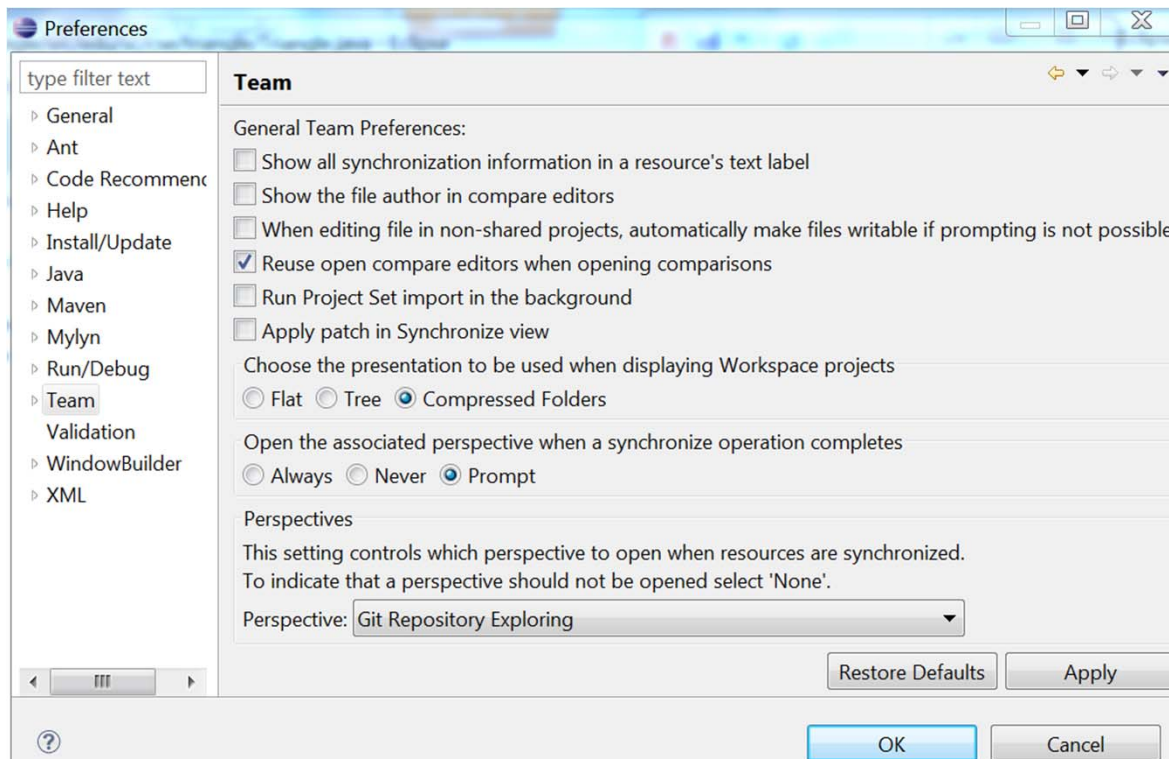


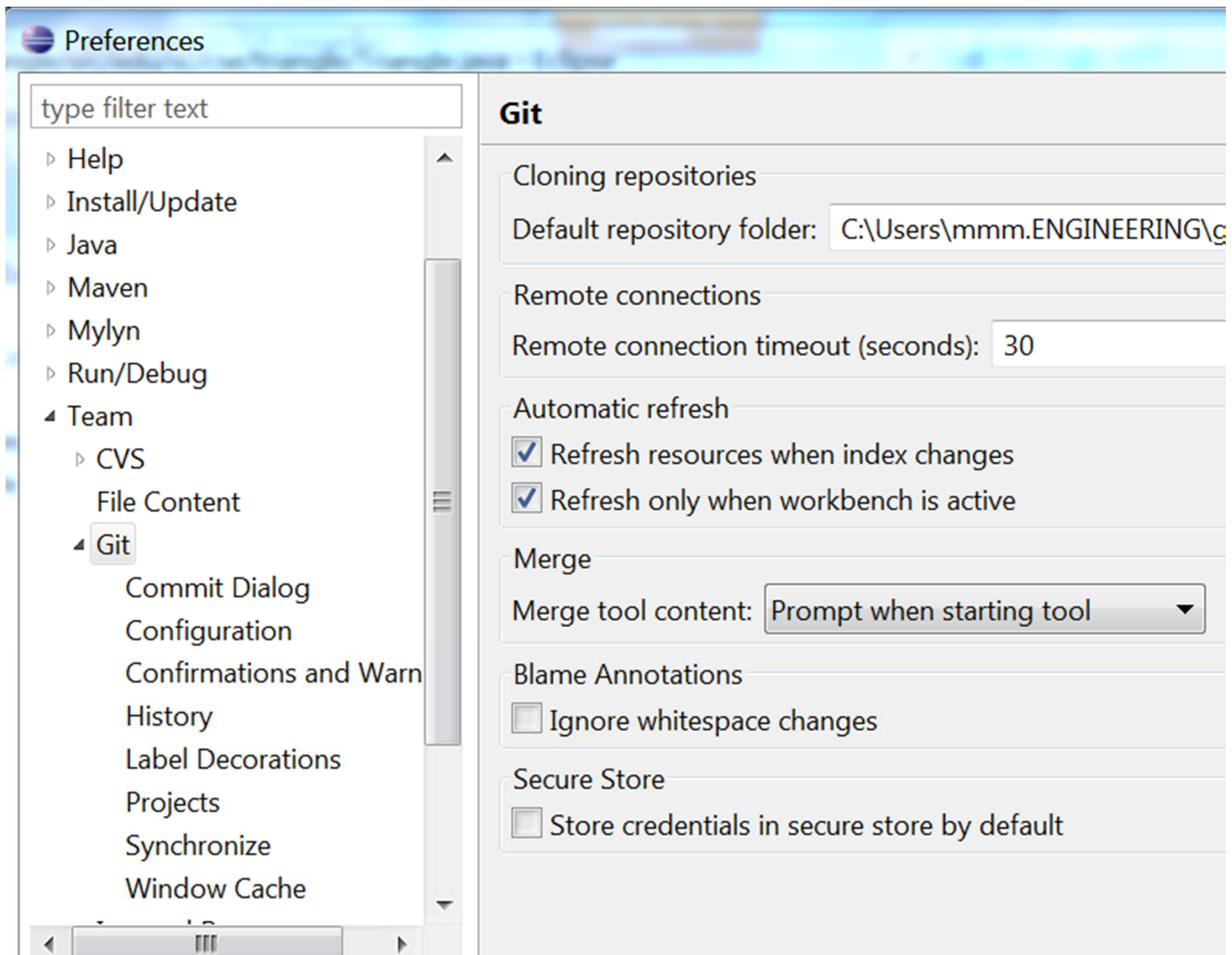
- <http://download.eclipse.org/egit/updates>



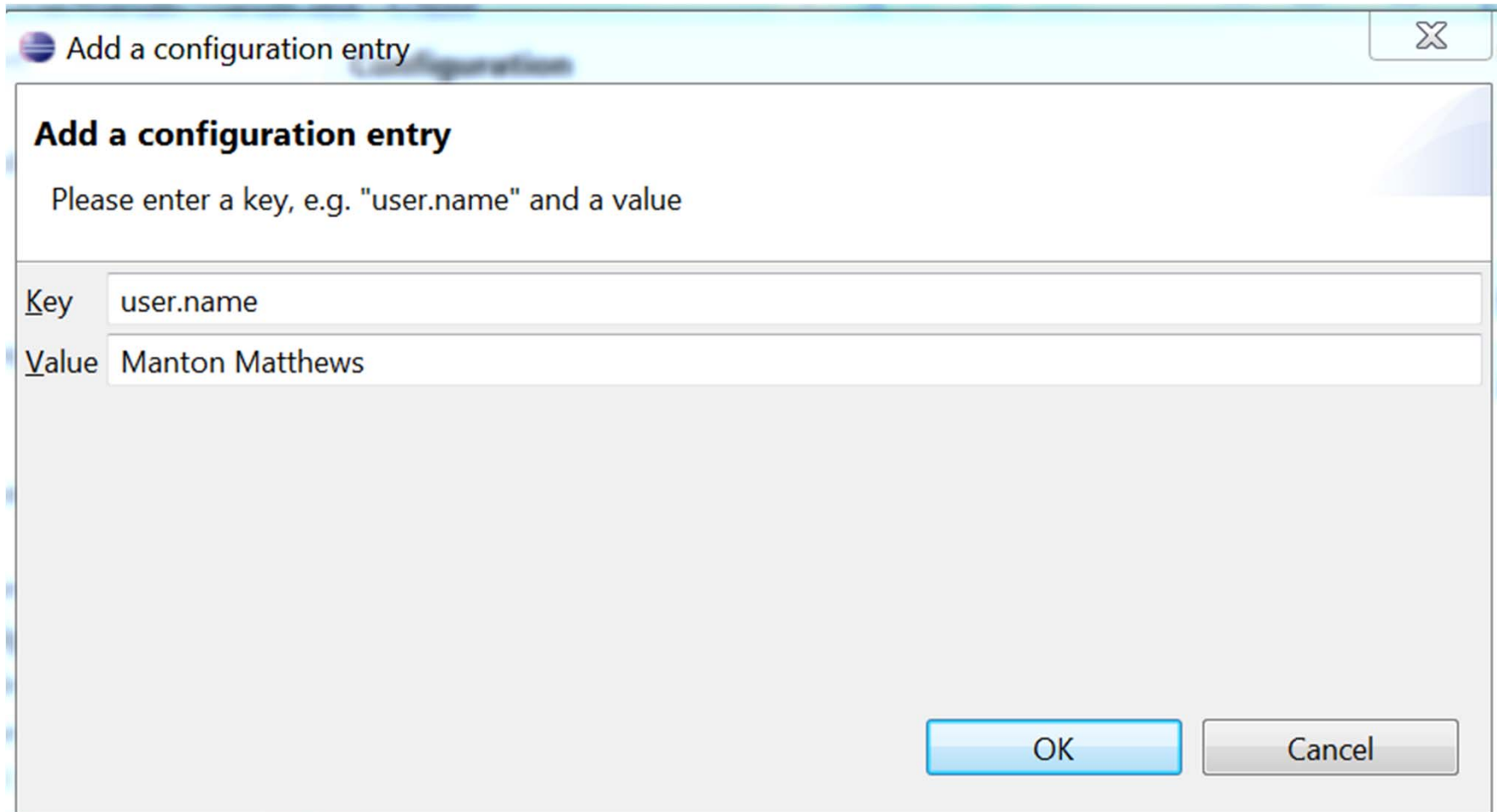
Configuration

- Select Window → Preferences → Team → Git → Configuration





User.name & user.email



Add a configuration entry

Please enter a key, e.g. "user.name" and a value

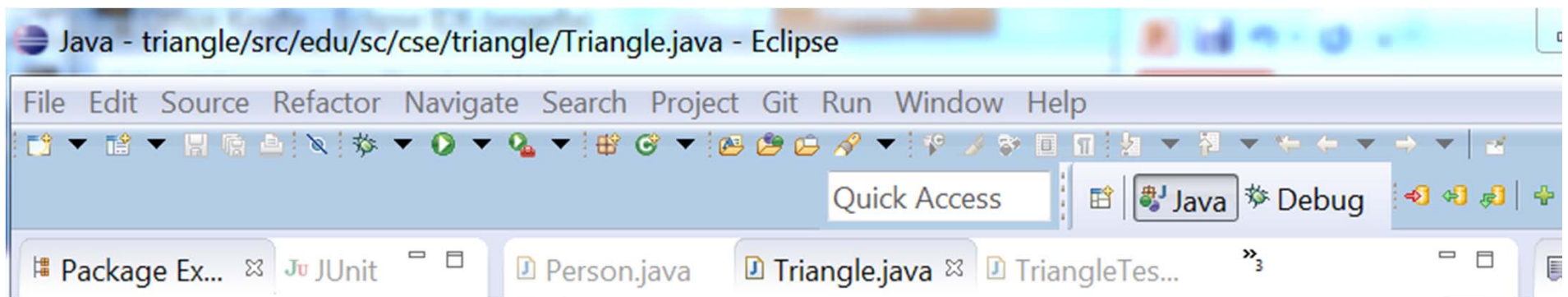
Key user.name

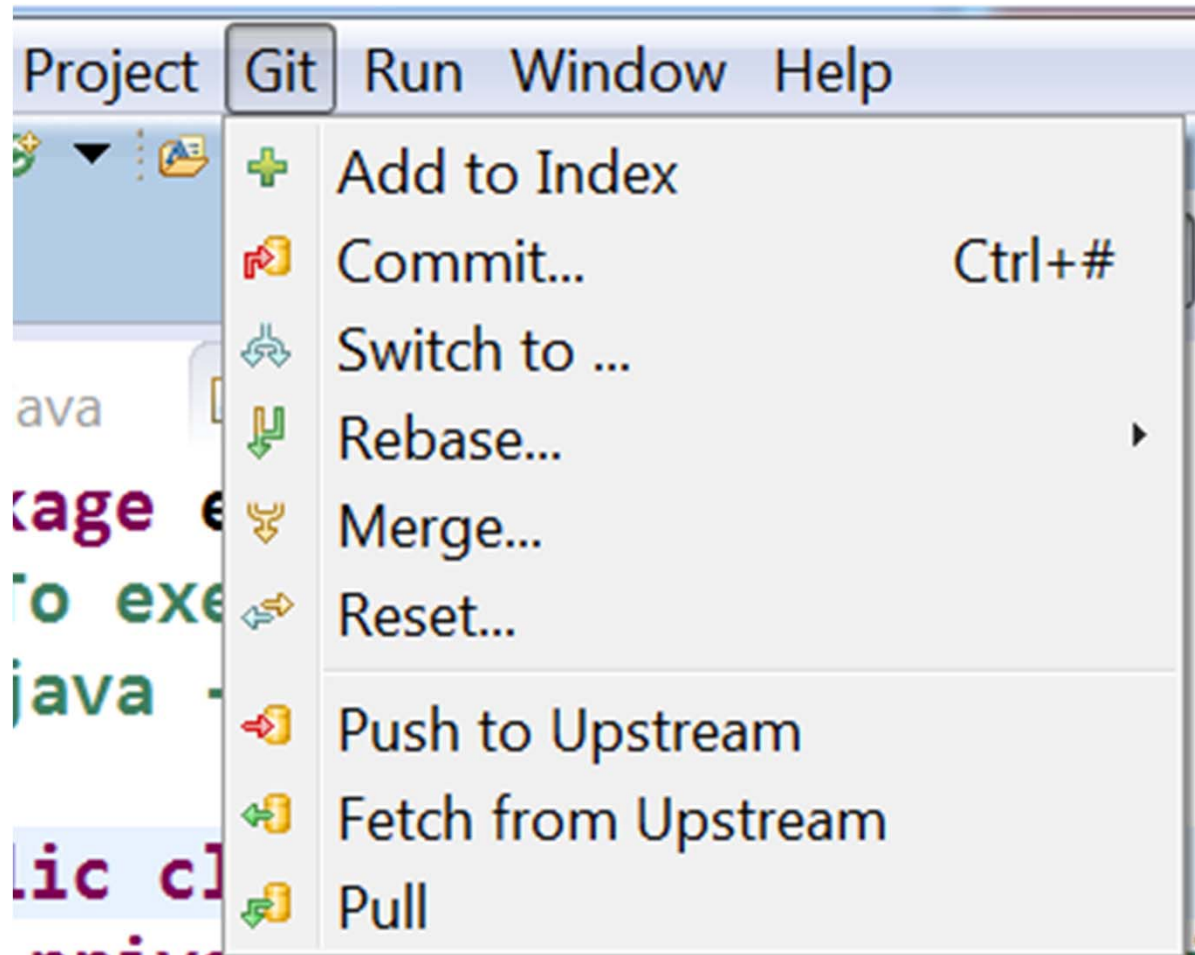
Value Manton Matthews

OK Cancel

Activating the Git toolbar

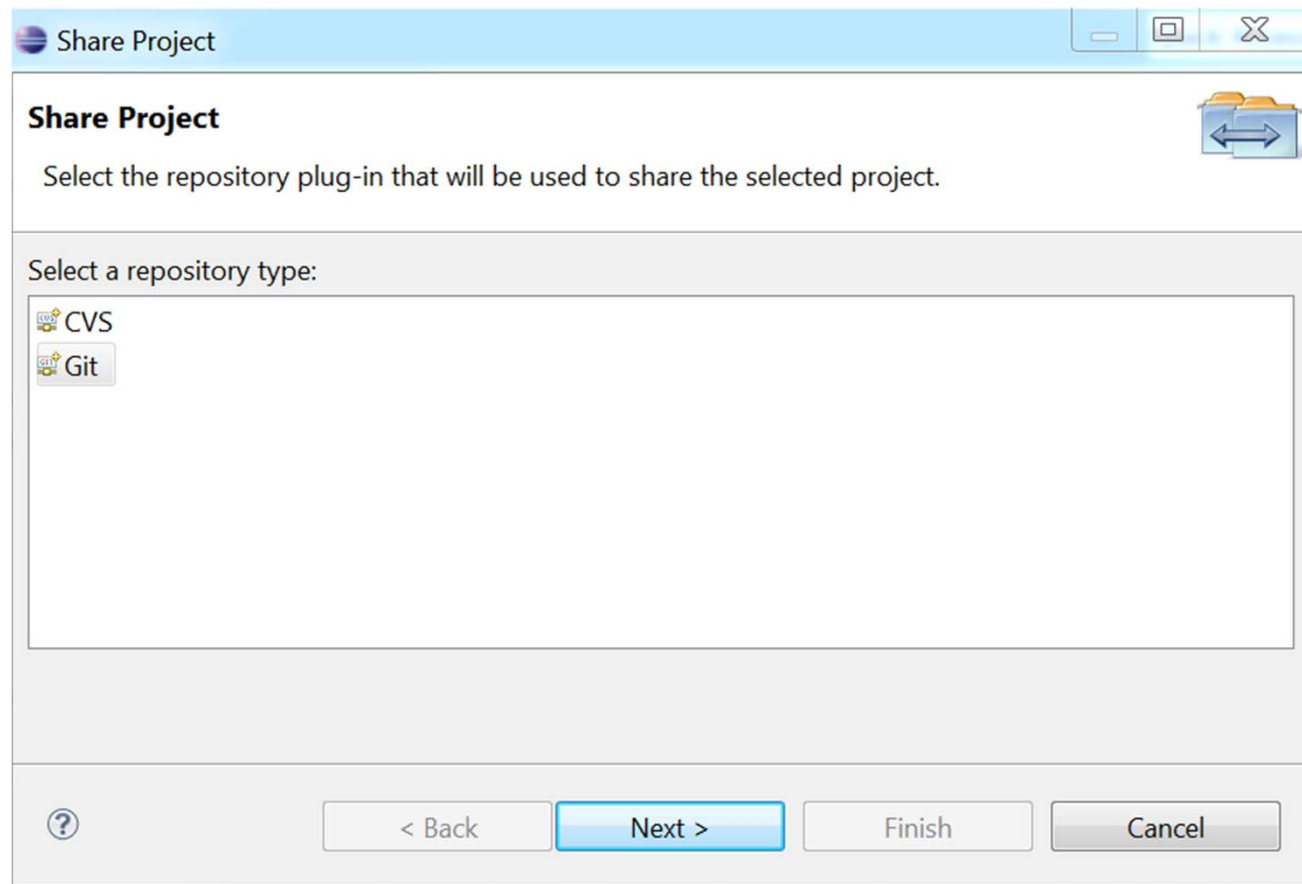
- To simplify access to the common Git operations you can activate the Git toolbar.
- For this select Window → Customize perspective... and
- check the command groups Git and Git Navigation Actions in the Command Groups

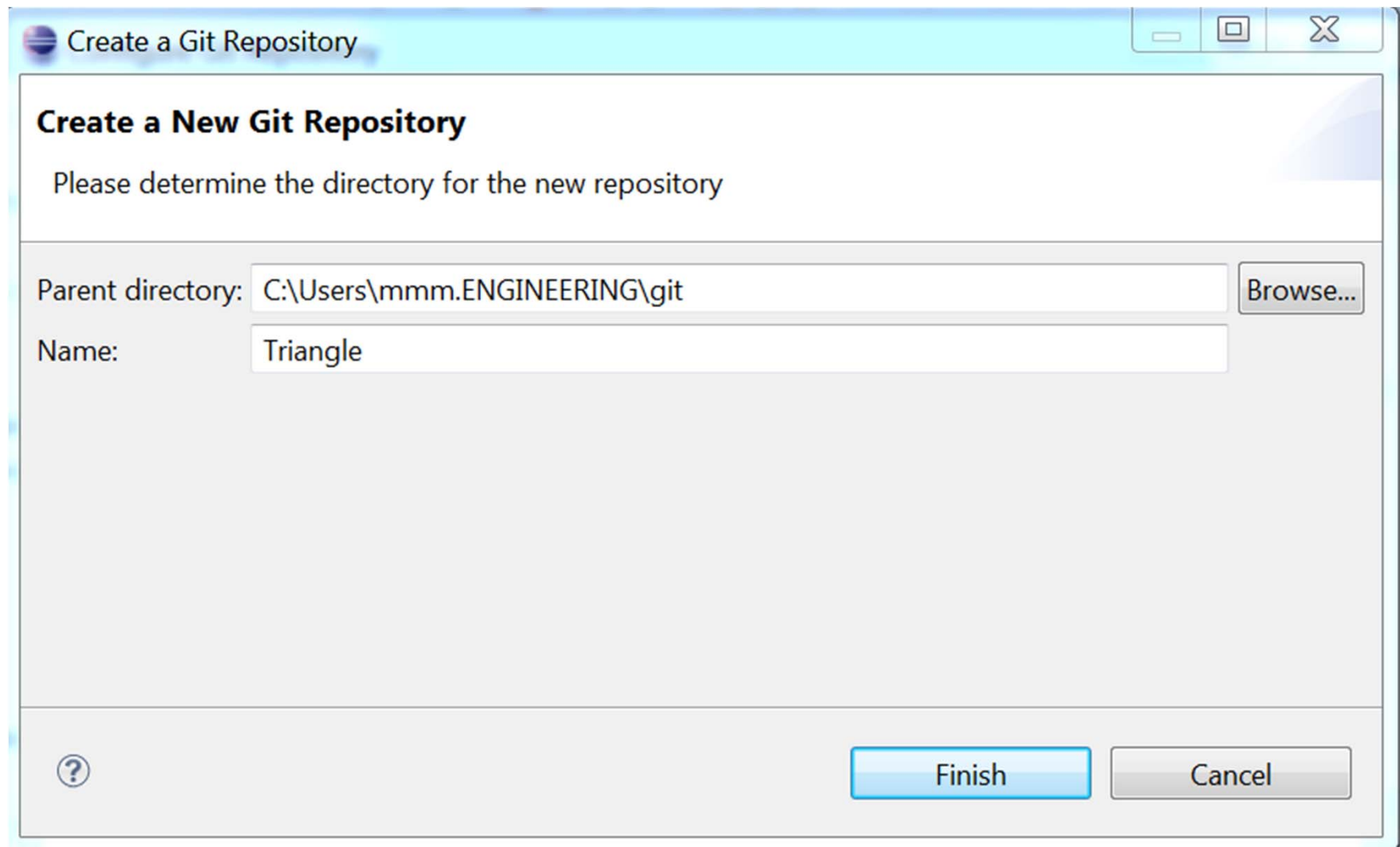




Creating Git Repository within Eclipse

- RightClick on project → Team → Share Project





Configure Git Repository



Configure Git Repository

 Folder triangle does not exist in working directory, will be created

☐ Use or create repository in parent folder of project

Repository:

Triangle - C:\Users\mmm.ENGINEERING\git\Triangle\.git

Create...

Working directory:

C:\Users\mmm.ENGINEERING\git\Triangle

Path within repository:

triangle

Browse...

Project	Current Location	Target Location
☒  trian...	C:/Users/mmm.ENGINEERIN...	C:/Users/mmm.ENGINEERING/git/Triangl...



< Back

Next >

Finish

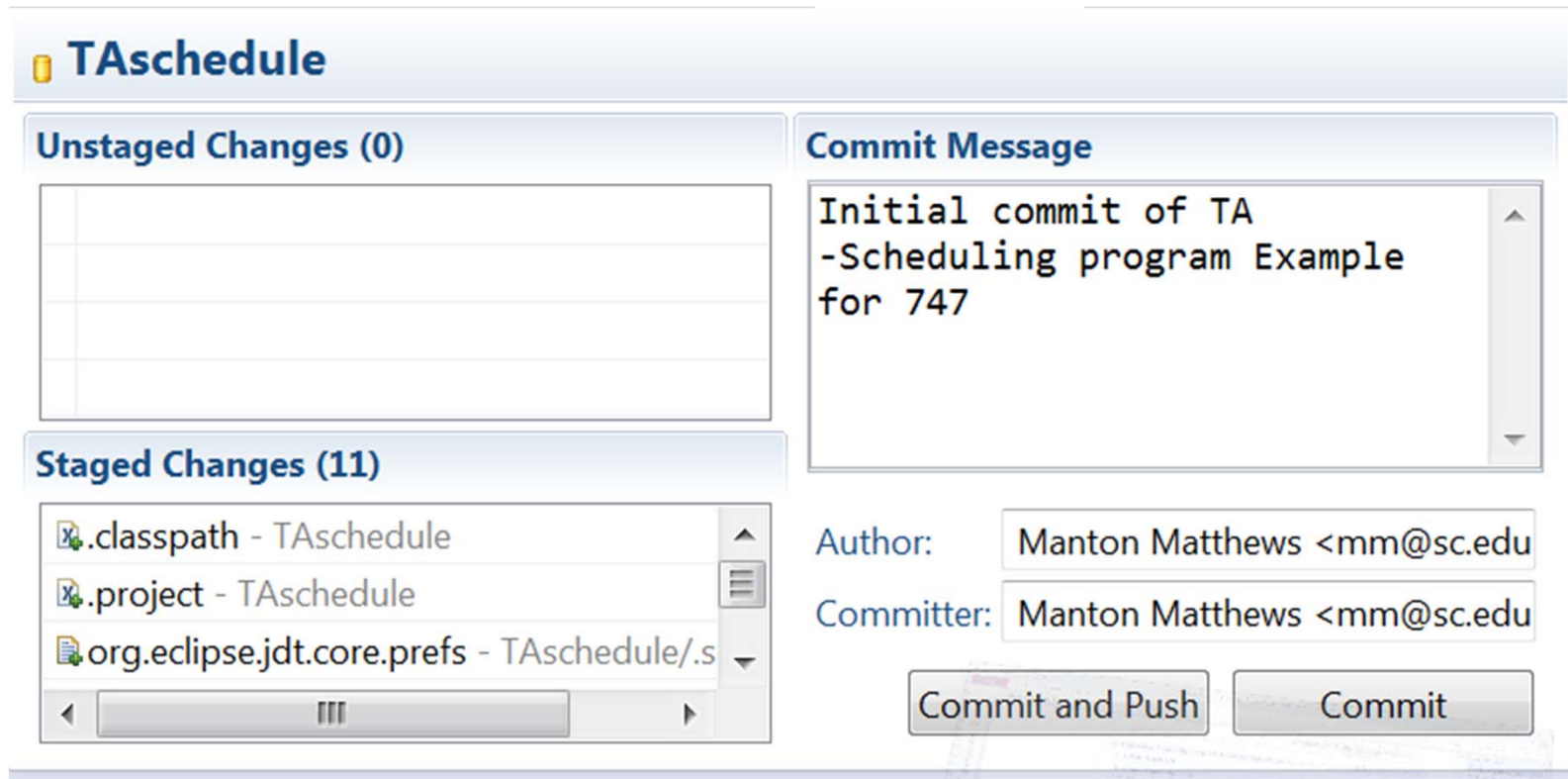
Cancel

```
vogella@angelus:~/git/de.vogella.git.first$ tree -a
.
├── de.vogella.git.first
│   ├── bin
│   │   └── de
│   │       └── vogella
│   │           └── git
│   │               └── first
│   │                   └── GitTest.class
│   ├── .classpath
│   ├── .project
│   ├── .settings
│   │   └── org.eclipse.jdt.core.prefs
│   └── src
│       ├── de
│       │   ├── vogella
│       │   │   └── git
│       │   │       └── first
│       │   │           └── GitTest.java
│       └── .git
│           ├── branches
│           ├── config
│           ├── HEAD
│           ├── hooks
│           ├── logs
│           │   └── refs
│           │       └── heads
│           ├── objects
│           │   ├── info
│           │   └── pack
│           └── refs
│               ├── heads
│               └── tags
└── .git
    ├── branches
    ├── config
    ├── HEAD
    ├── hooks
    ├── logs
    │   └── refs
    │       └── heads
    ├── objects
    │   ├── info
    │   └── pack
    └── refs
        ├── heads
        └── tags
```

Using the Git Staging view for the initial commit

- .gitignore - bin directories etc.
- Window → Show View → Other... → Git → Git Staging menu.
- ?No repository selected
- Vogel, Lars (2013-04-22). Eclipse IDE (vogella) (Kindle Locations 2504-2505). vogella.com. Kindle Edition.

Initial Commit



TestSuite

```
package taSchedule;
```

```
import org.junit.runner.RunWith;
```

```
import org.junit.runners.Suite;
```

```
import org.junit.runners.Suite.SuiteClasses;
```

```
@RunWith(Suite.class)
```

```
@SuiteClasses({ TimeSlotTest.class, TimeTest.class })
```

```
public class AllTests {
```

```
}
```