

GitHub

- 6조 -

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- ▶ EGIT(Eclipse GIT) Plug-In 설치
- ▶ Eclipse와 GitHub 연동하기

Git & GitHub 소개

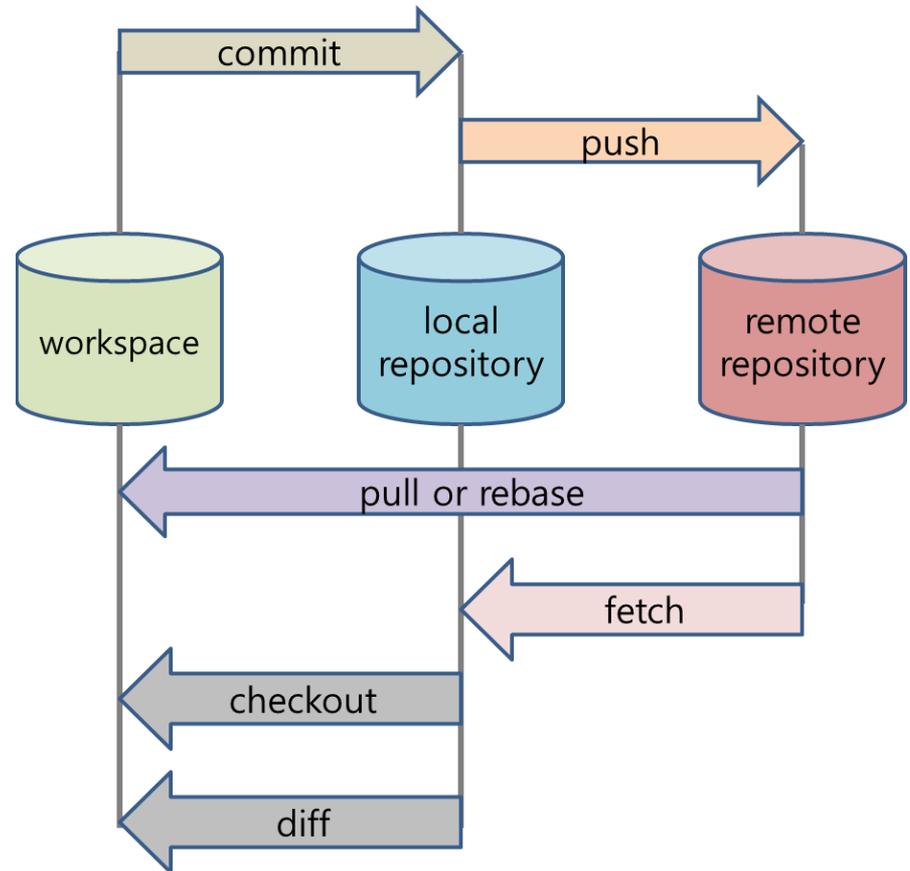
Git & GitHub

▶ Git

- 소스 버전 관리 프로그램
- 로컬 저장소
- 원격 저장소(Web)
- Commit & Push
- Pull & Fetch

▶ 공식사이트

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



Git & GitHub

▶ GitHub

- Social Coding
- 공개용 저장소(무료)
- 개인 저장소(유료)

▶ 공식사이트

- <http://github.com/>



github
SOCIAL CODING

GitHub 가입 및 원격 저장소 생성

GitHub 가입

 <https://github.com/>

1

GitHub 홈페이지 방문
(<http://github.com/>)

2

Sign up for free 버튼 클릭

Pick a username

Your email

Create a password

Tip: use at least one number and at least 7 characters.

By clicking on "Sign up for free" below, you agree to the [Terms of Service](#) and the [Privacy Policy](#).

Sign up for free

[See plans and pricing](#)

GitHub 가입

회원정보 입력 후
Create an account
버튼 클릭

Username

Login can't be blank

Email Address

We promise we won't share your email with anyone.

Password

Password can't be blank and is too short (minimum is 7 characters)

Confirm Password

By clicking on "Create an account" below, you are agreeing to the [Terms of Service](#) and the [Privacy Policy](#).

Create an account

GitHub 저장소 생성(개인)

로그인 후
New repository
버튼 클릭

Your Repositories (1)

New repository

GitHub 저장소 생성(개인)

Owner **Repository name**

PUBLIC   min6129 /

Great repository names are short and memorable. Need inspiration? [How about tripping-octo-hipster.](#)

Description (optional)

 **Public**
Anyone can see this repository. You choose who can commit.

 **Private**
You choose who can see and commit to this repository.

Initialize this repository with a README
This will allow you to `git clone` the repository immediately.

Add .gitignore: **None** ▾

Create repository

저장소 이름 입력 후
Create repository
버튼 클릭

GitHub 저장소 생성(그룹)

The screenshot shows the GitHub account settings page for user 'min6129'. The navigation menu on the left includes Profile, Account Settings, Emails, Notification Center, Billing, Payment History, SSH Keys, Security History, Applications, Repositories, and Organizations. The 'Organizations' menu item is highlighted with a red box and labeled '2) 클릭'. The main content area shows two buttons: 'Create new organization' (highlighted with a red box and labeled '3) 클릭') and 'Turn min6129 into an Organization'. Below this is a section for 'Organizations' with one entry, 'mobile-team6', and a 'Leave' button. A dark notification banner at the top right says 'Account settings (You have no verified emails)' and is labeled '1) 클릭'. A blue-bordered box in the center contains the navigation path: 'Account Settings > Organizations > Create new organization'. The top navigation bar includes a search bar, 'Explore', 'Gist', 'Blog', 'Help', and the user's profile 'min6129'.

3) 클릭

1) 클릭

2) 클릭

Create new organization Turn min6129 into an Organization

Organizations

mobile-team6 Leave

Account Settings > Organizations > Create new organization

GitHub 저장소 생성(그룹)

Create an Organization

✓ Sign up for a personal account

Setup the organization

Setup the organization

Organization Name

The organization will live at <https://github.com/>

Billing Email

Receipts will be sent here

Open Source

\$0/month

0

Choose

Create Organization

저장소 이름 및 이메일
입력 후
Create Organization
버튼 클릭

GitHub 저장소 생성(그룹)

Invite your team members

✓ Sign up for a personal account → ✓ Setup the organization →

Add Owners to the fasdfs organization

 min6129

Add

① 그룹 멤버 추가

I'm done here, continue to the organization dashboard

② 클릭

EGIT(Eclipse GIT) Plug-In 설치

Eclipse 설치

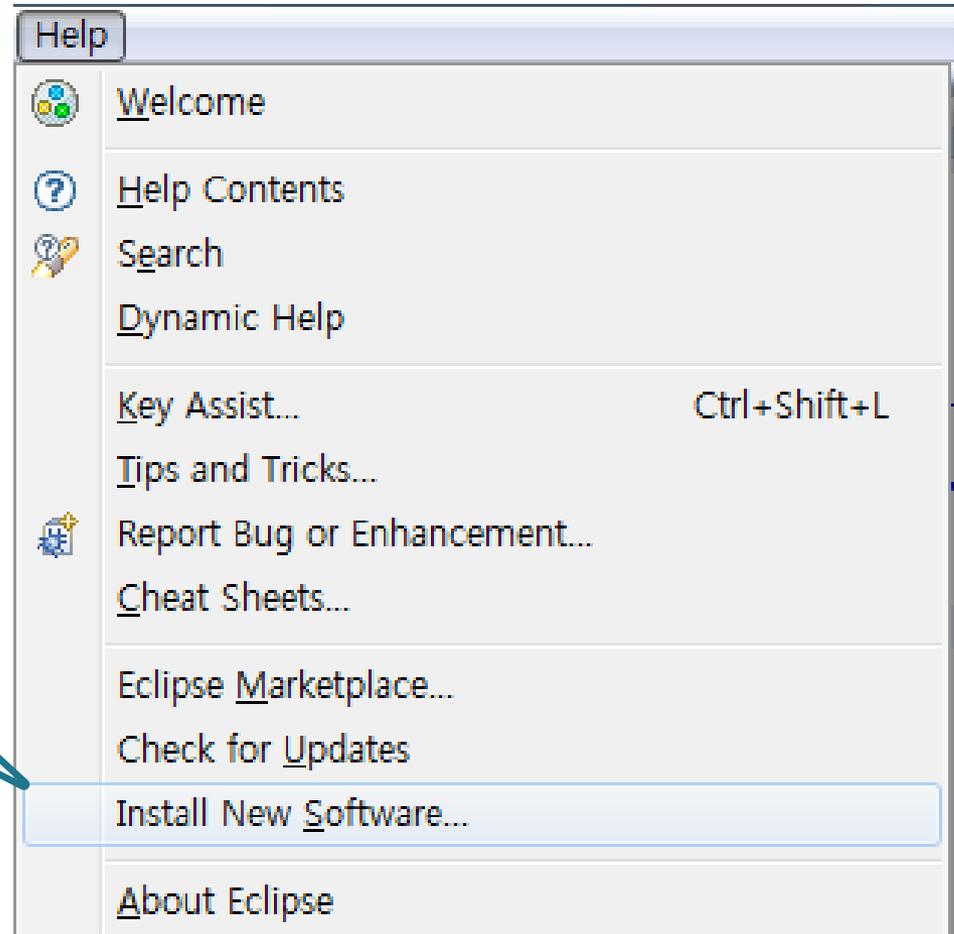
▶ Eclipse Download

- <http://www.eclipse.org/downloads/>
- Eclipse Indigo 버전 이상 설치

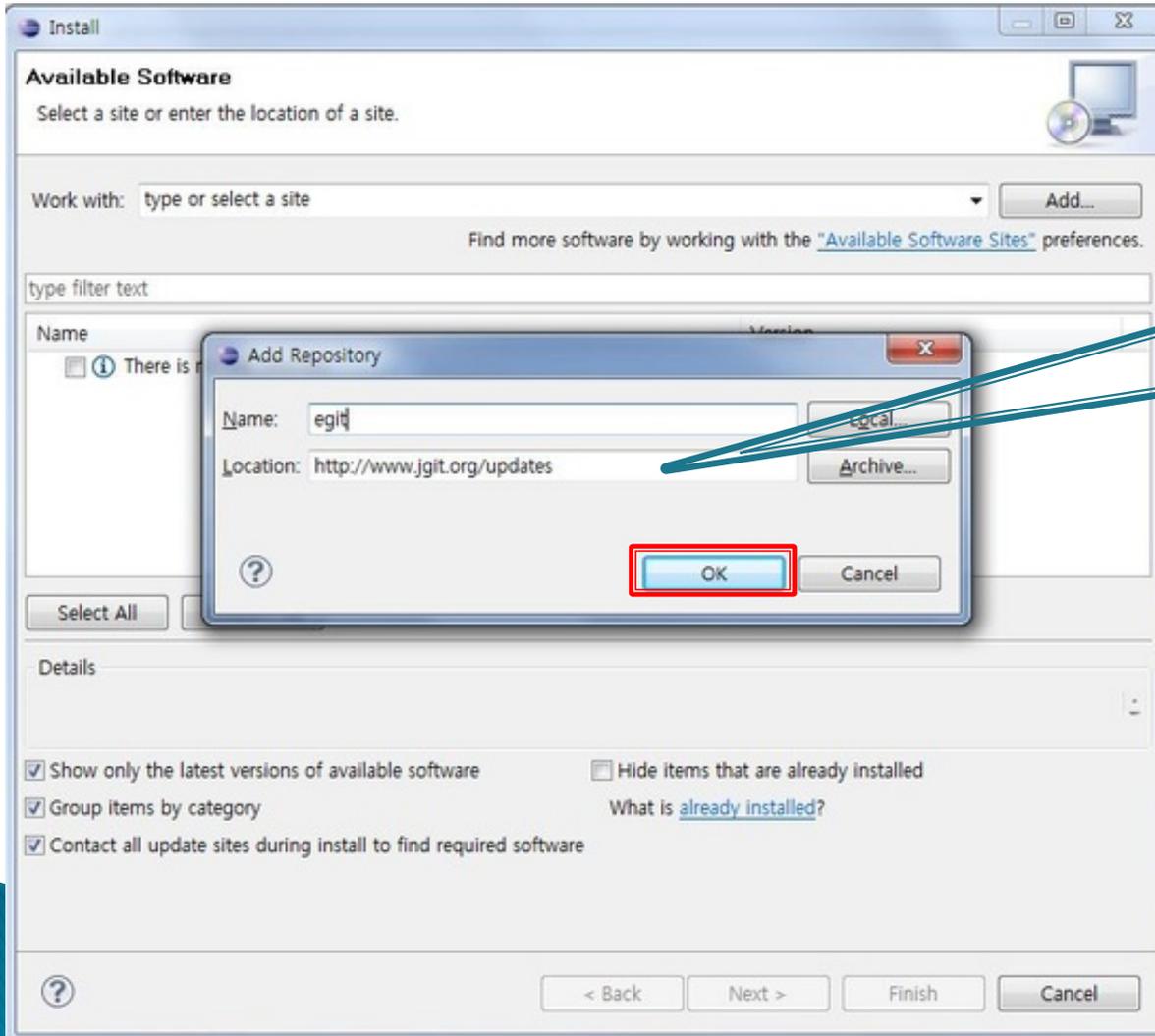
	Helios(3.6)	Indigo(3.7)	Juno(3.8)
출시연도	2010	2011	2012
EGit plugin 지원여부	X	O	O

EGIT Plug-In 설치

Help > Install New
Software... 클릭



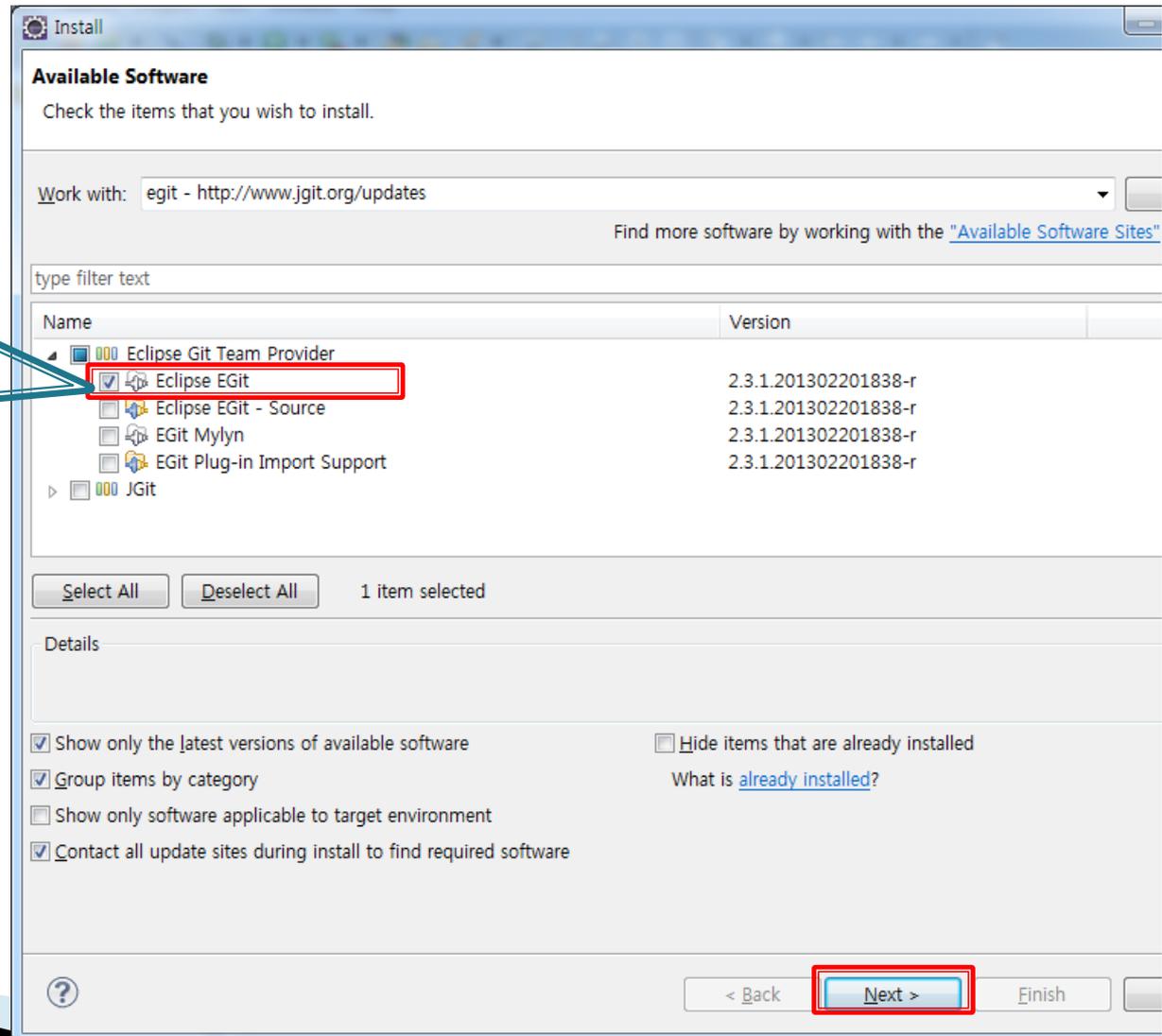
EGIT Plug-In 설치



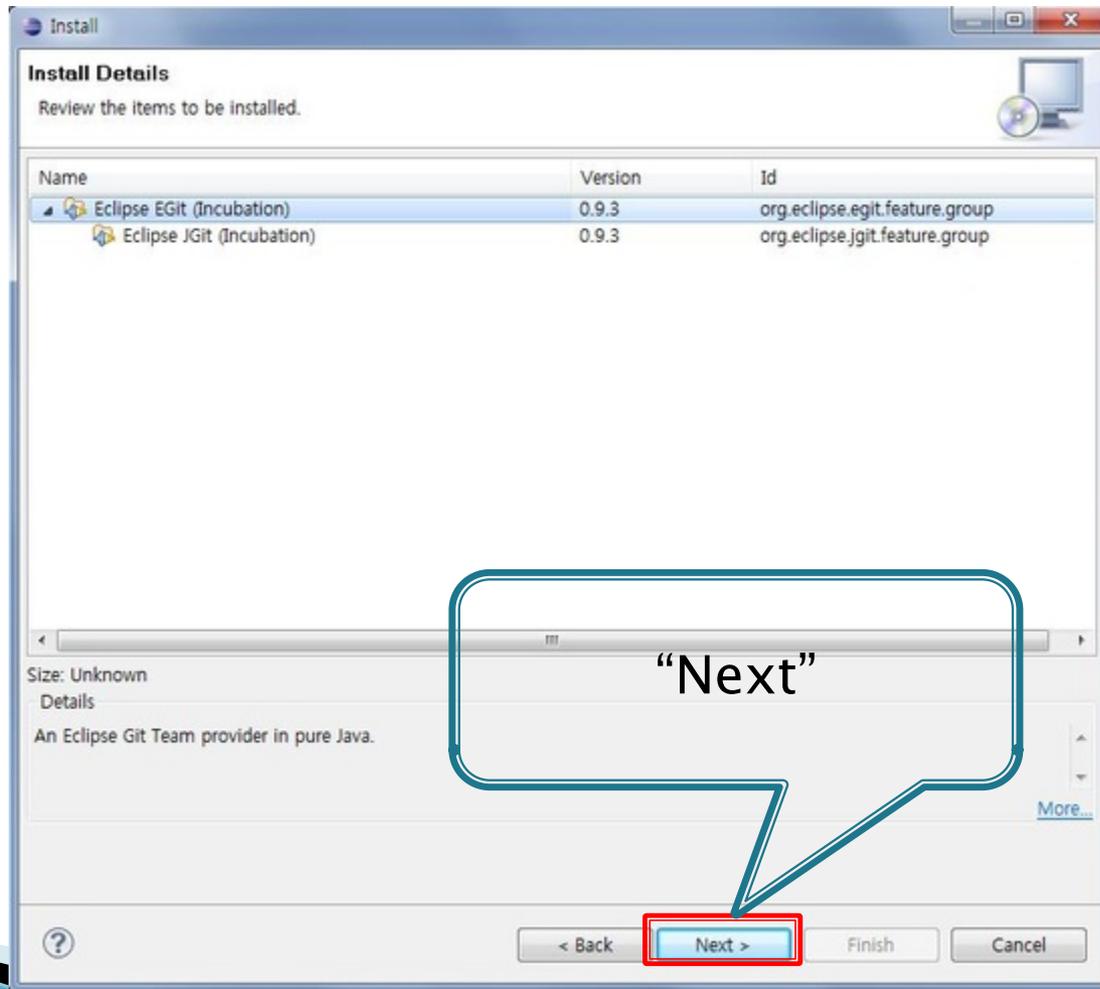
<http://www.jgit.org/updates> 입력 후 “OK”

EGIT Plug-In 설치

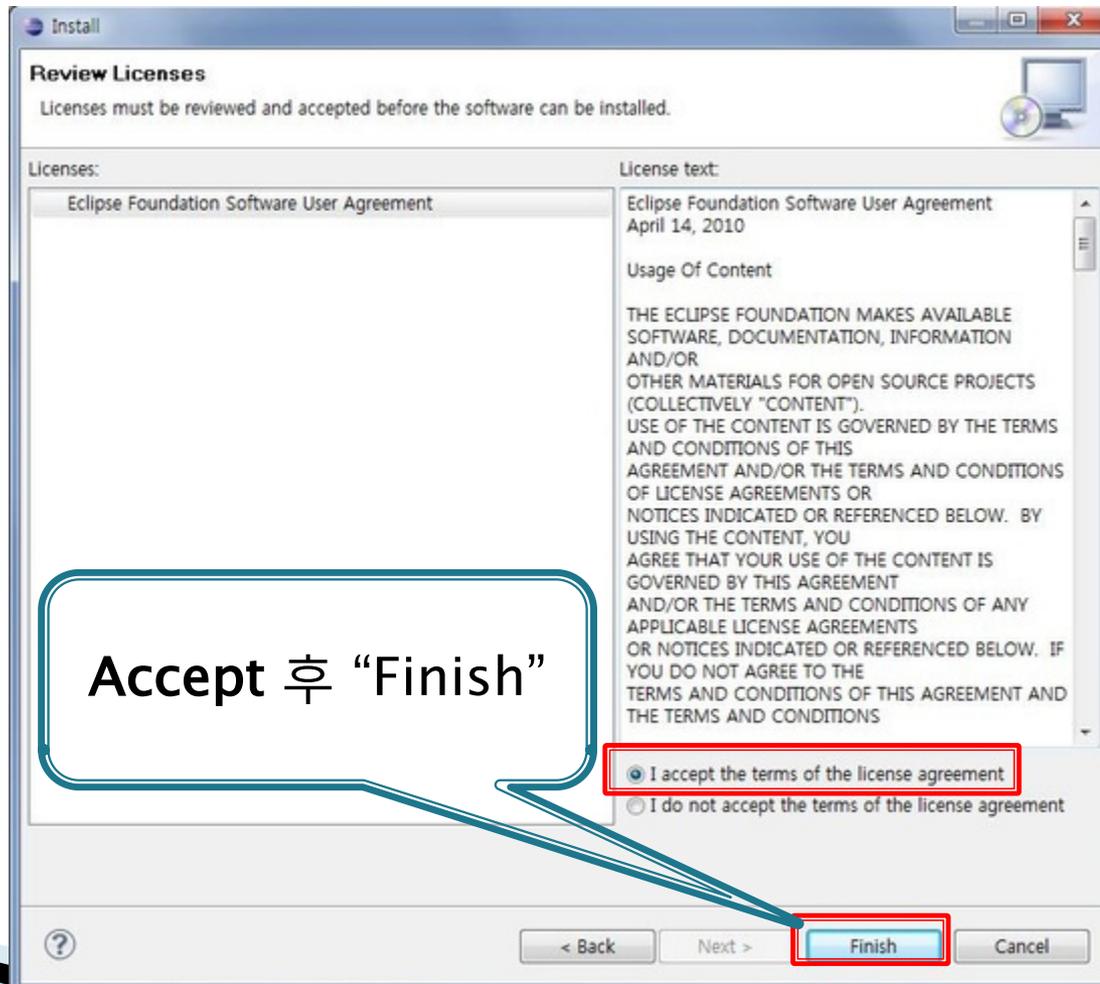
Eclipse EGit 체크 후
"Next"



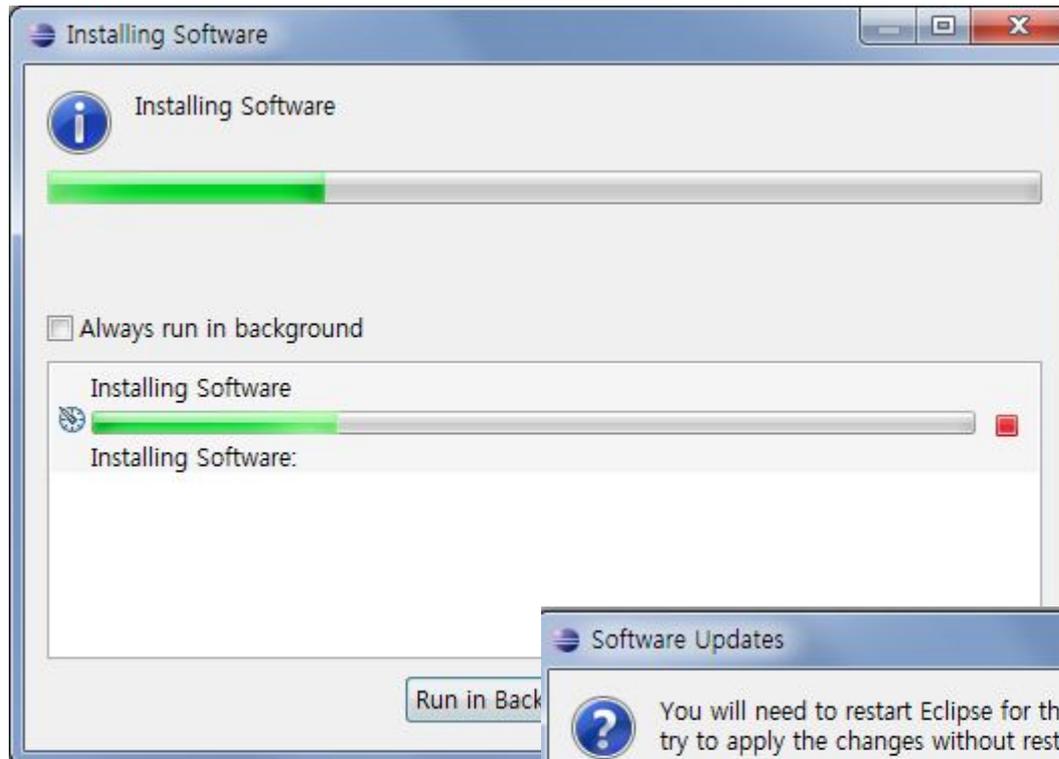
EGIT Plug-In 설치



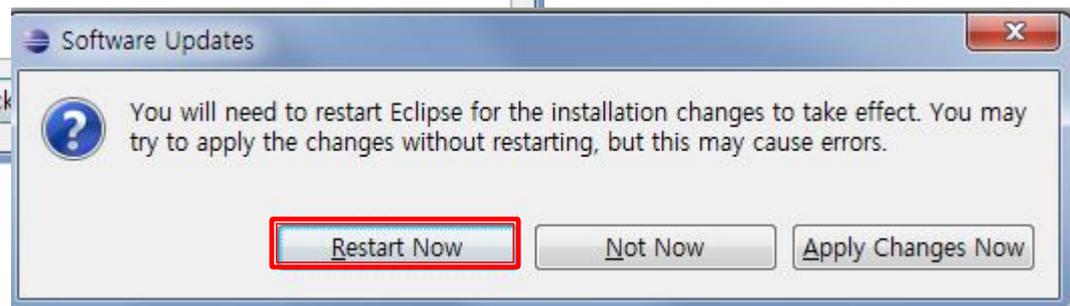
EGIT Plug-In 설치



EGIT Plug-In 설치

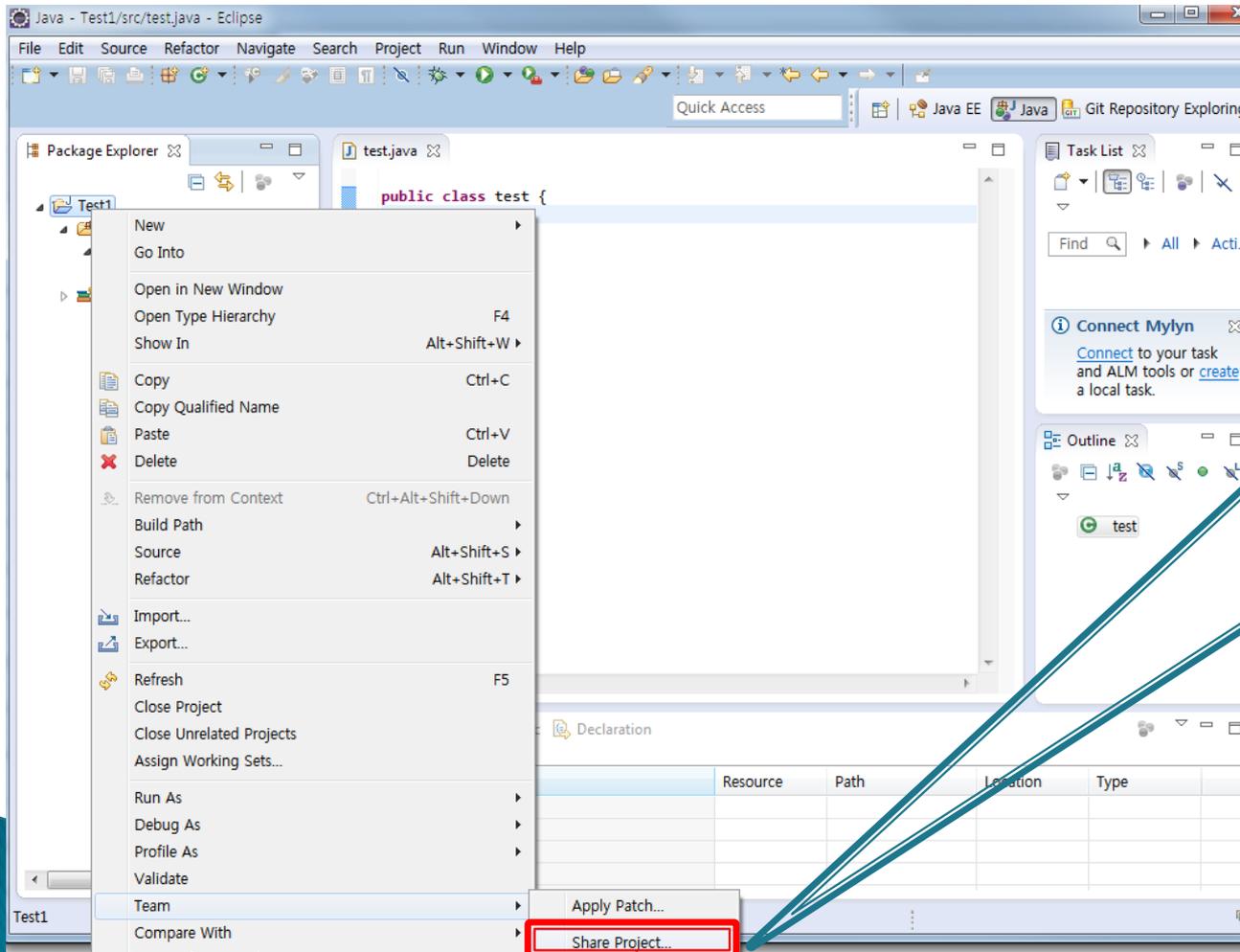


설치가 완료되면
“Restart Now” 버튼을
클릭하여 이클립스
를 재시작 한다.



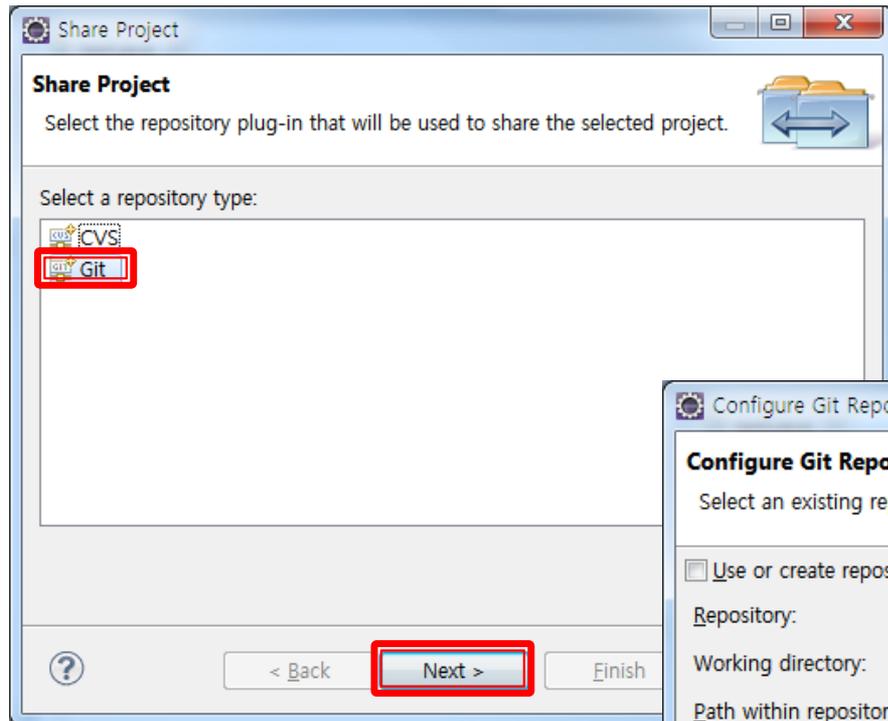
Eclipse와 GitHub 연동하기

Project 와 로컬저장소 연동하기

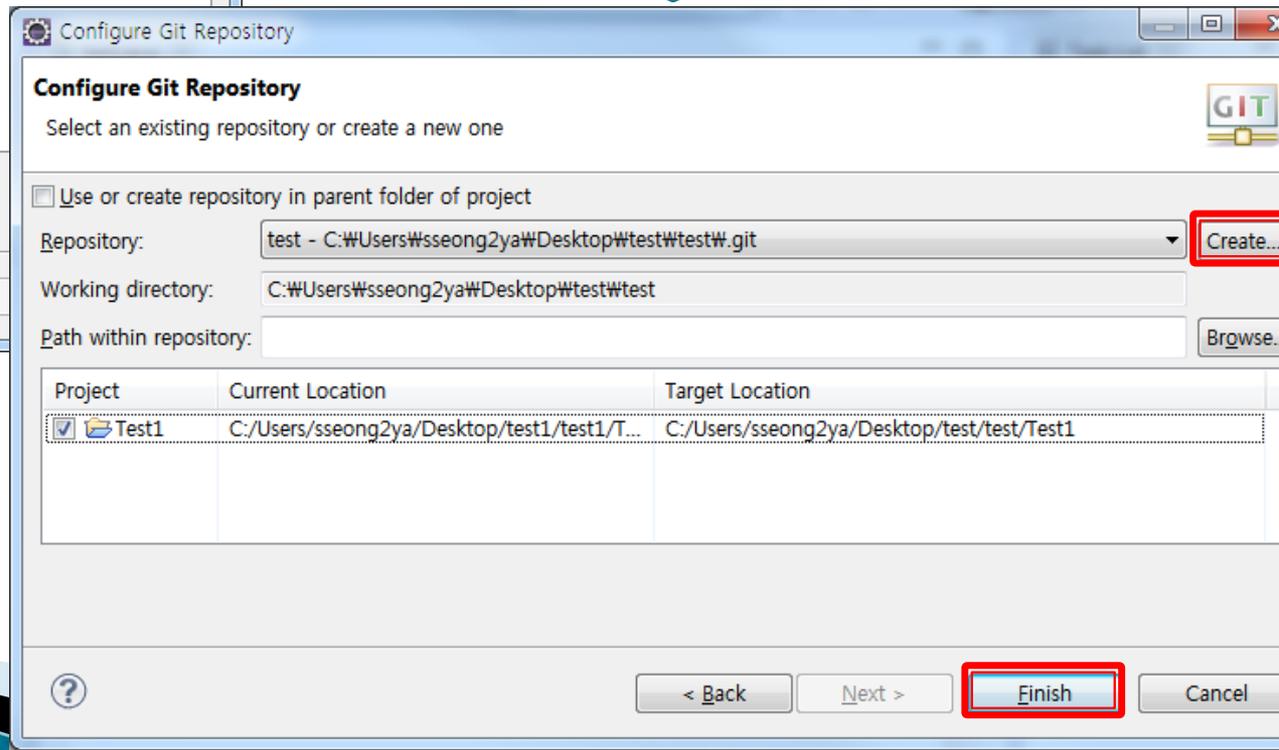


- 탐색기를 사용하여 로컬 저장소로 사용할 폴더 미리 생성
- 해당 Project 우 클릭
- Team > Share Project

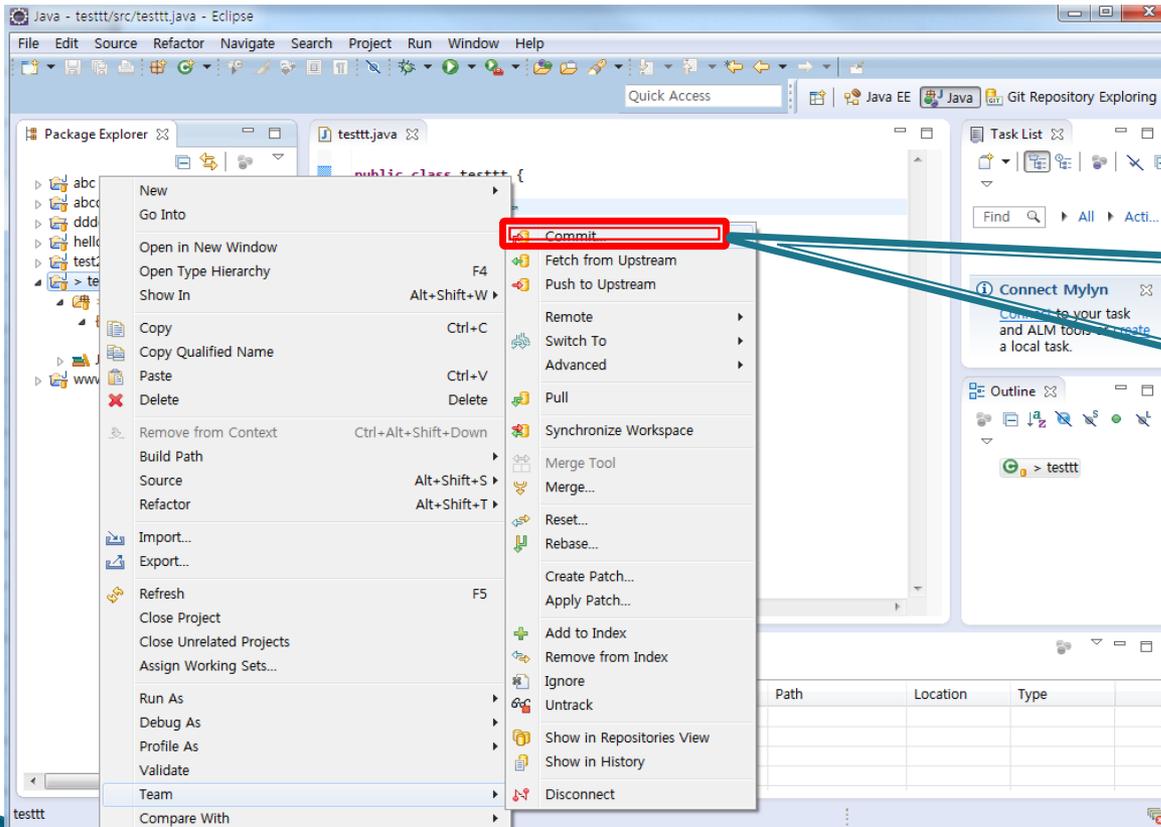
Project 와 로컬저장소 연동하기



- Create 선택
- 로컬 저장소로 쓰일 폴더 경로 지정
- Finish



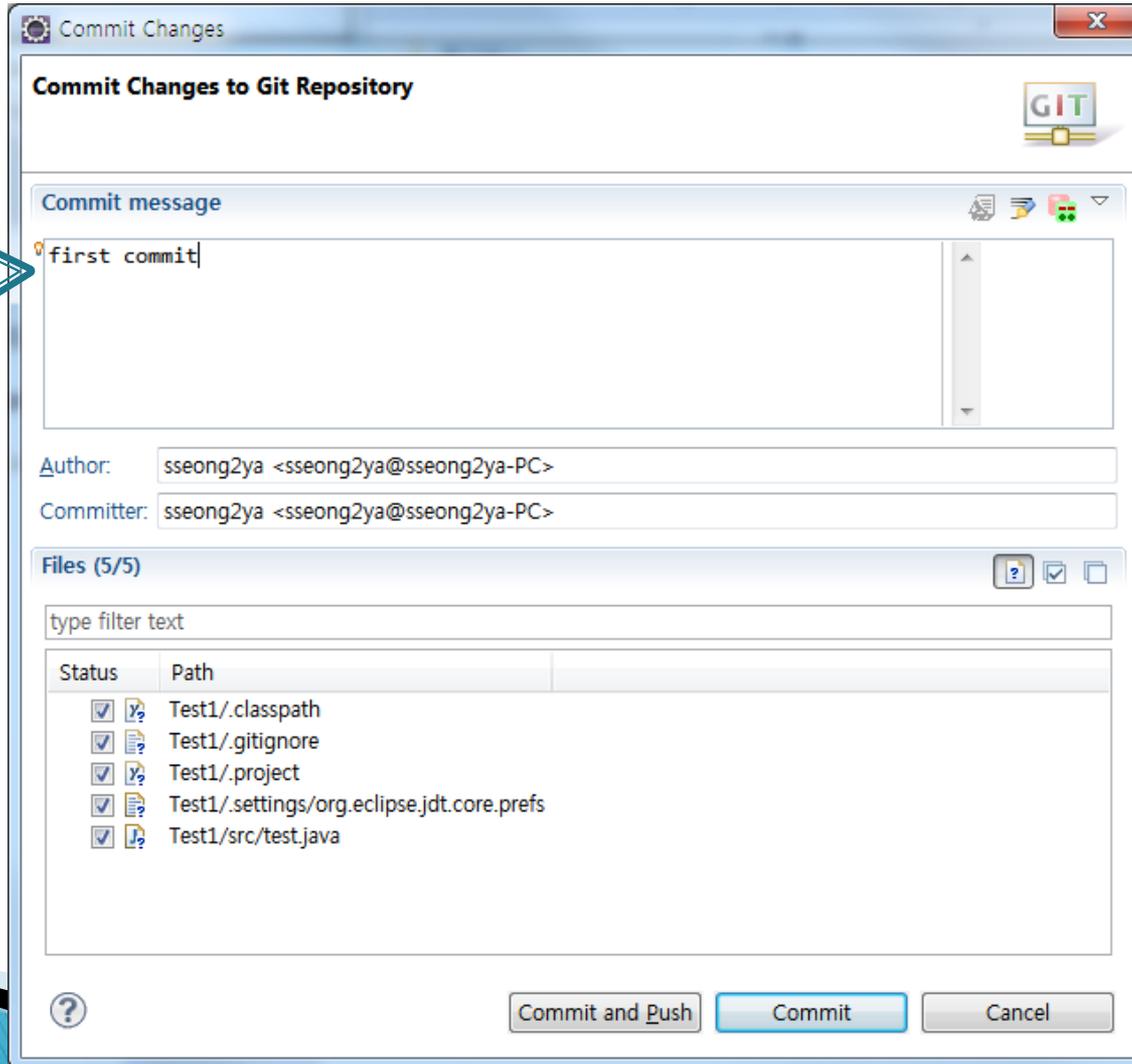
Project Commit 하기



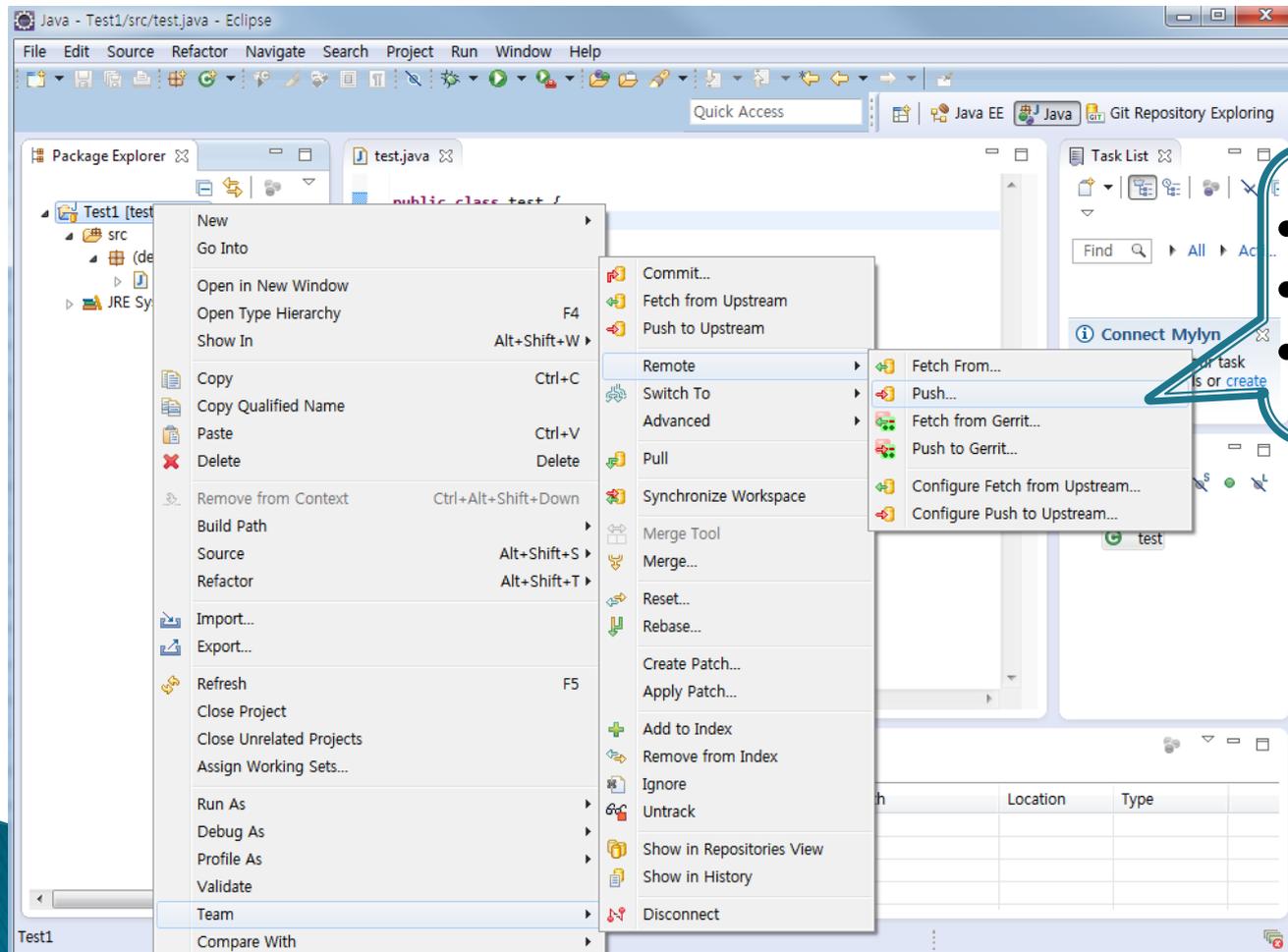
- 로컬 저장소로 사용할 폴더 미리 생성
- 해당 Project 우클릭
- Team > Commit

Project Commit 하기

Commit 과
관련된 정보
를 그룹원
들에게 남김



Project Push 하기

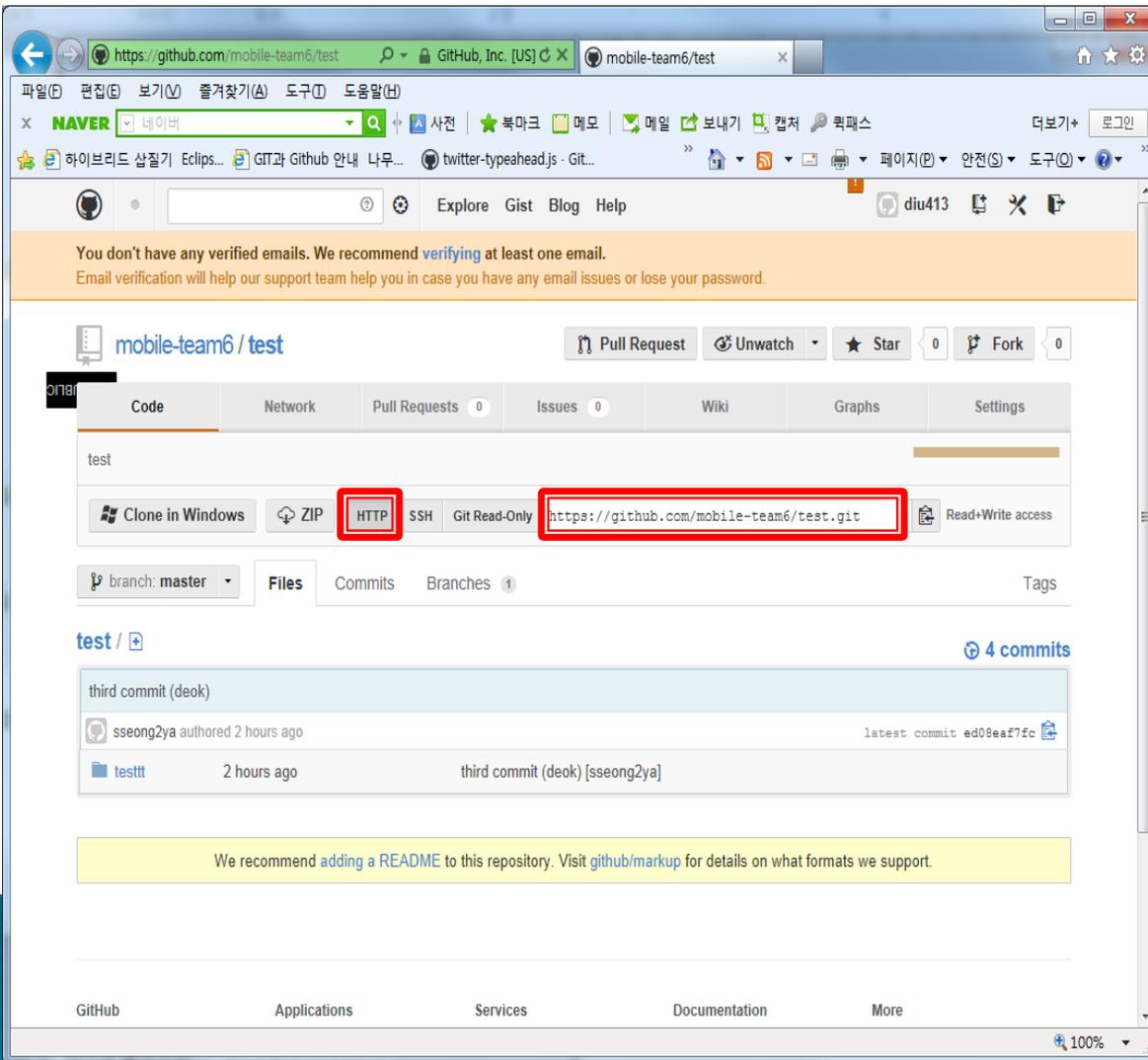


- 해당 Project 우클릭
- Team > Remote
- Remote > Push

Project Push 하기

원격 저장소 주소 얻기

1. 접속 protocol은 HTTP
2. 해당 주소가 원격 저장소의 주소임



Project Push 하기

Push to Another Repository

Destination Git Repository
Enter the location of the destination repository.

Configured remote repository:
origin:

Custom URI:

Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

Store in Secure Store

- 해당 그룹의 원격 저장소 주소 입력

Protocol 모드는
https

Project Push 하기

The image shows three sequential screenshots of the 'Push Ref Specifications' dialog box in a Git client, illustrating the steps to configure a push with force update.

Step 1: The dialog box is open, showing the 'Add create/update specification' section. The 'Source ref' is set to 'HEAD' and the 'Destination' is set to 'refs/heads/master'. A red circle with the number '1' highlights the 'Add create/update specification' button.

Step 2: The dialog box is open, showing the 'Add create/update specification' section. The 'Source ref' is set to 'refs/heads/master' and the 'Destination ref' is set to 'refs/heads/master'. A red circle with the number '2' highlights the 'Add Spec' button.

Step 3: The dialog box is open, showing the 'Specifications for push' table. The table has the following data:

Mode	Source Ref	Destination Ref	Force Update	Remove
Update	refs/heads/master	refs/heads/master	<input checked="" type="checkbox"/>	

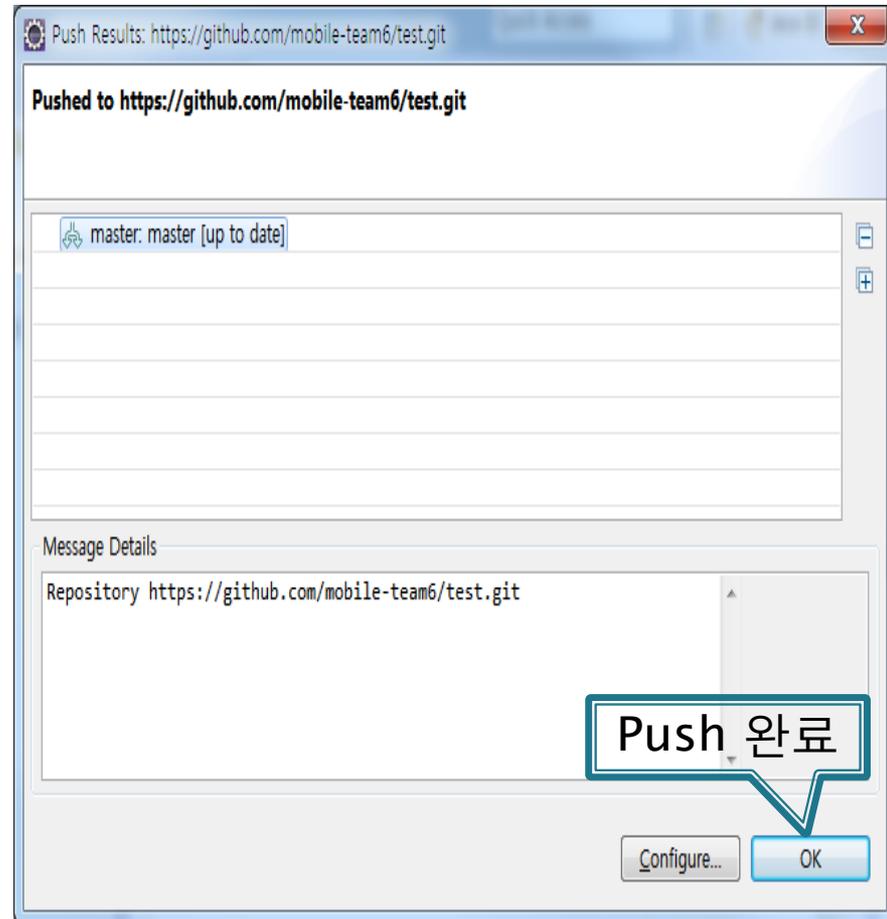
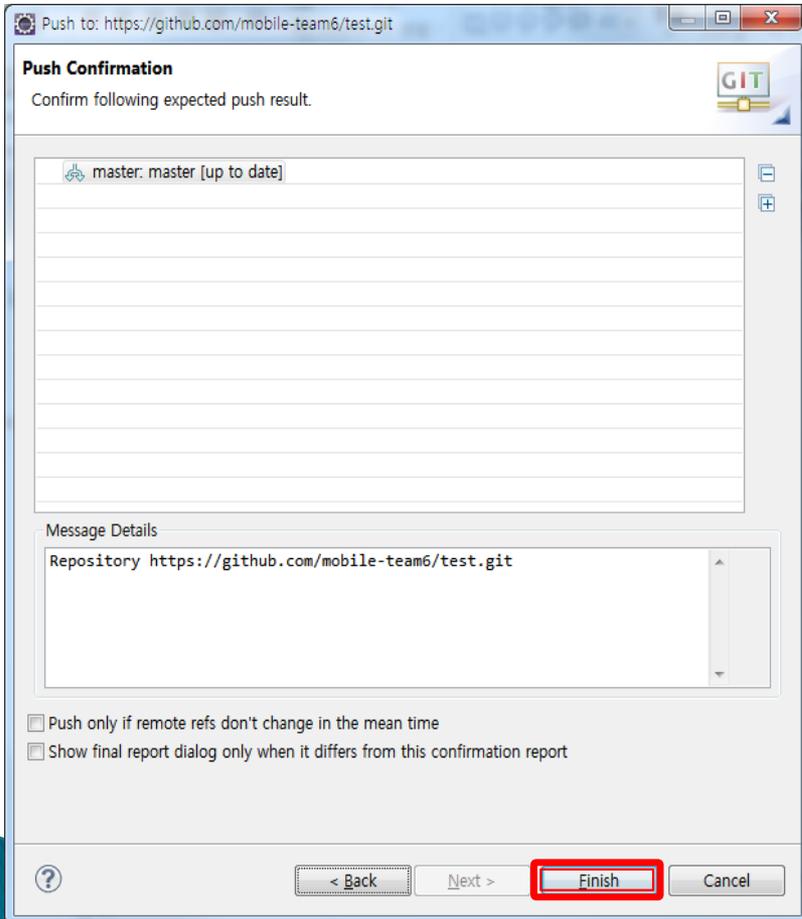
A red circle with the number '3' highlights the 'Force Update' checkbox. Below the table, the 'Force Update All Specs' button is visible. At the bottom of the dialog box, the 'Next >' button is highlighted with a red box.

Force Update
체크 시 기존
저장되어있던
프로젝트가 삭
제 되기 때문
에 체크 해제

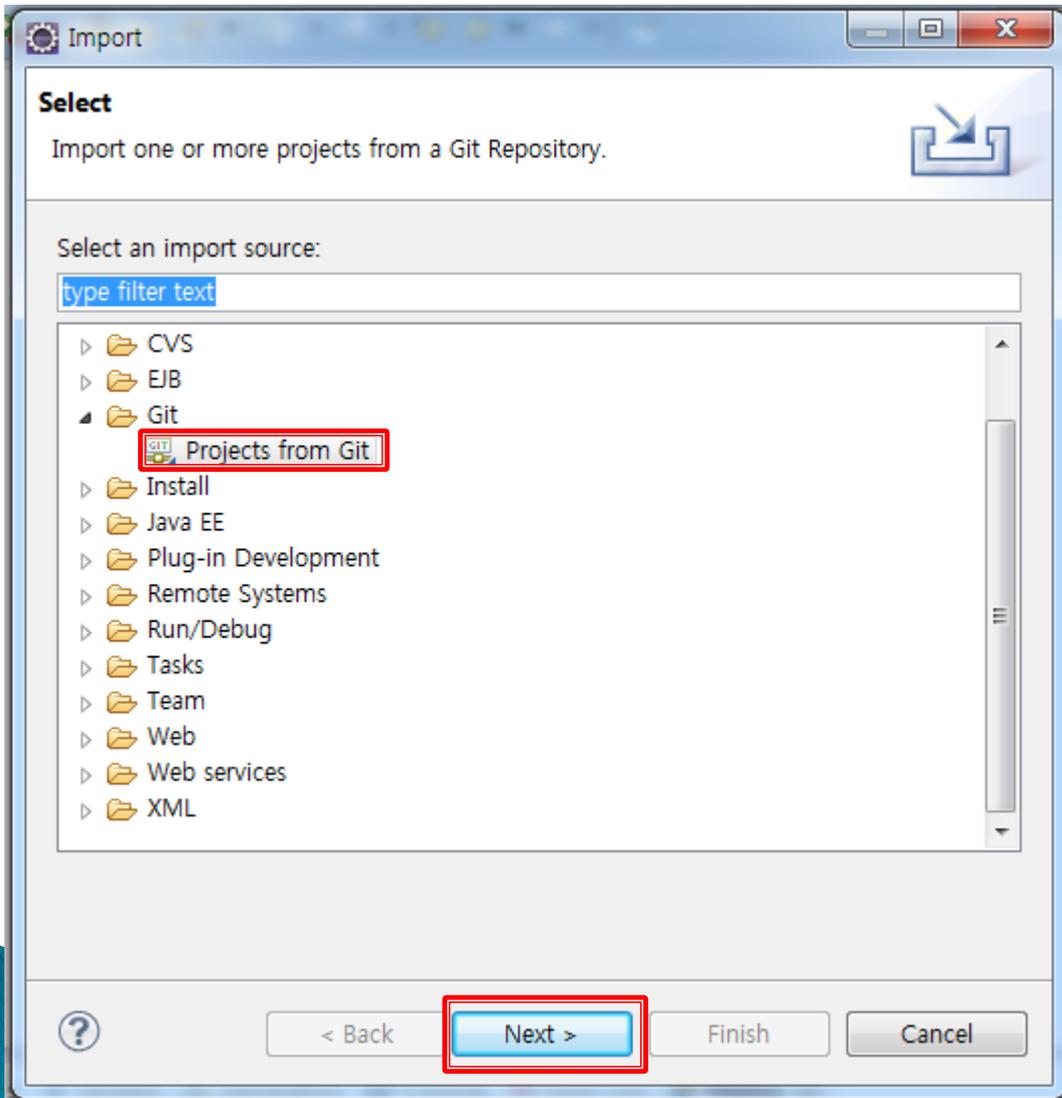
3

next

Project Push 하기



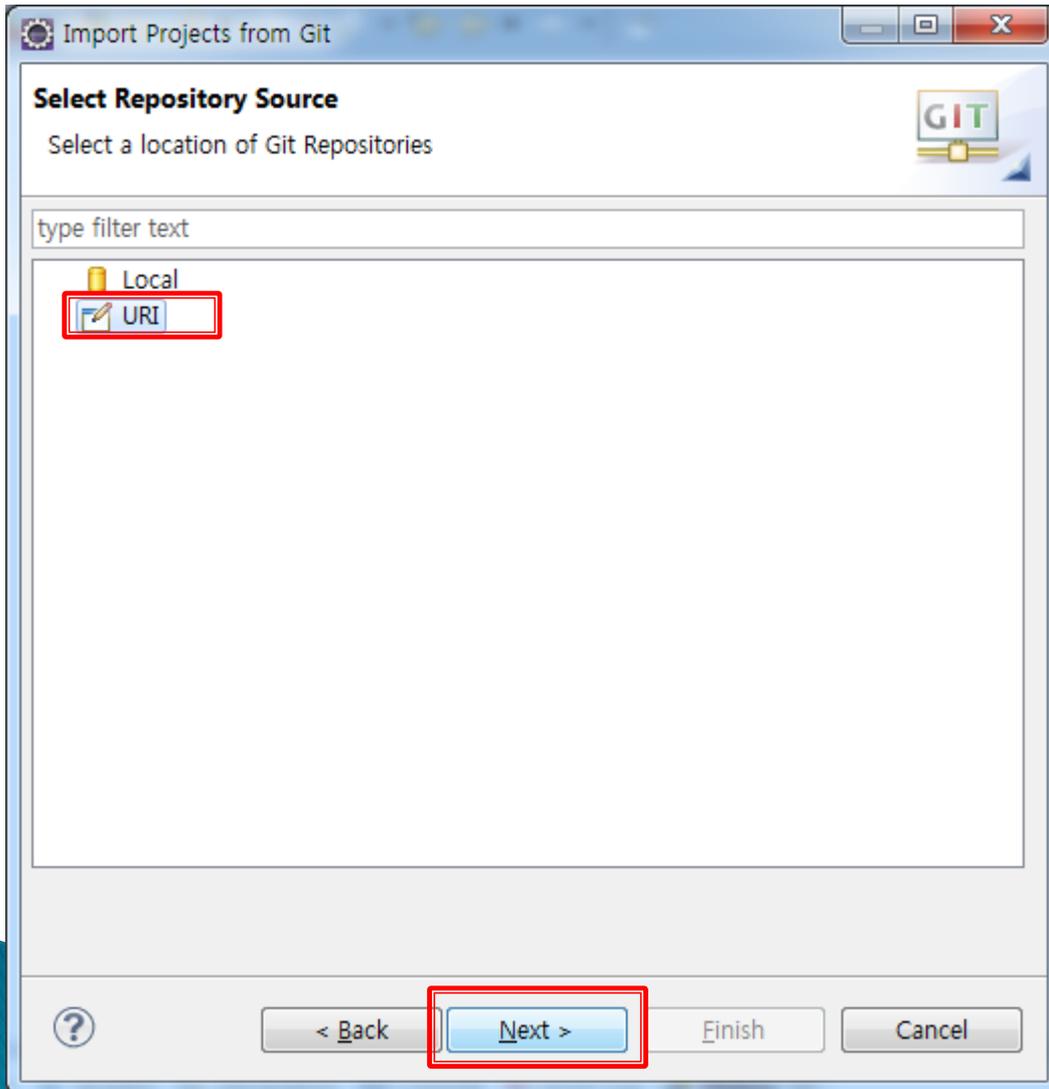
Eclipse와 GitHub 연동하기



원격 저장소에서
프로젝트 가져오기

1. File > Import...
2. Git > Projects from Git
3. Next

Eclipse와 GitHub 연동하기



원격 저장소에서
프로젝트 가져오기

1. URI 선택
2. Next

Eclipse와 GitHub 연동하기

Import Projects from Git

Source Git Repository
Enter the location of the source repository.

Location

URI: Local File...

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

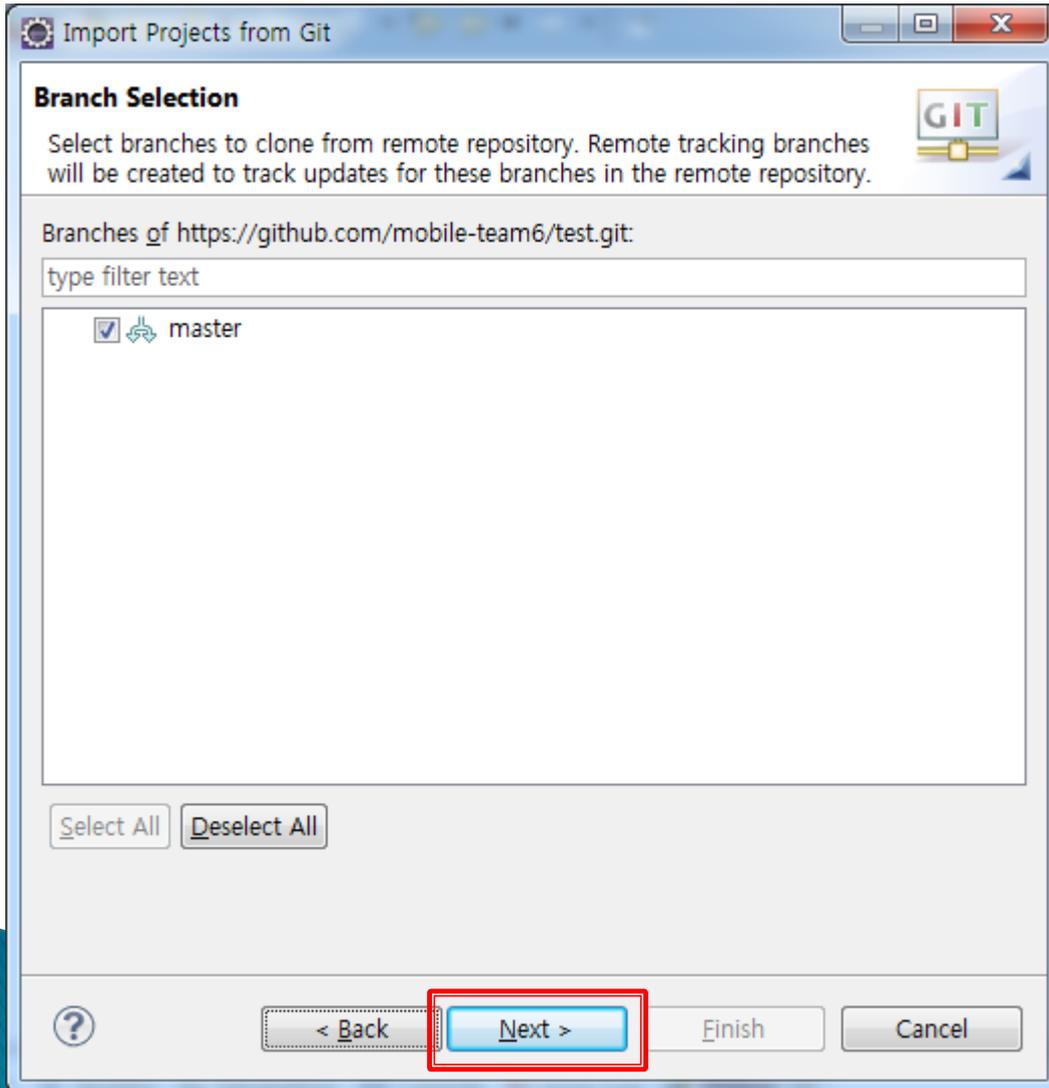
Store in Secure Store

원격 저장소에서
프로젝트 가져오기

1. 사용할 원격 저장소 주소 입력(GitHub에서 확인 가능)

2. Next

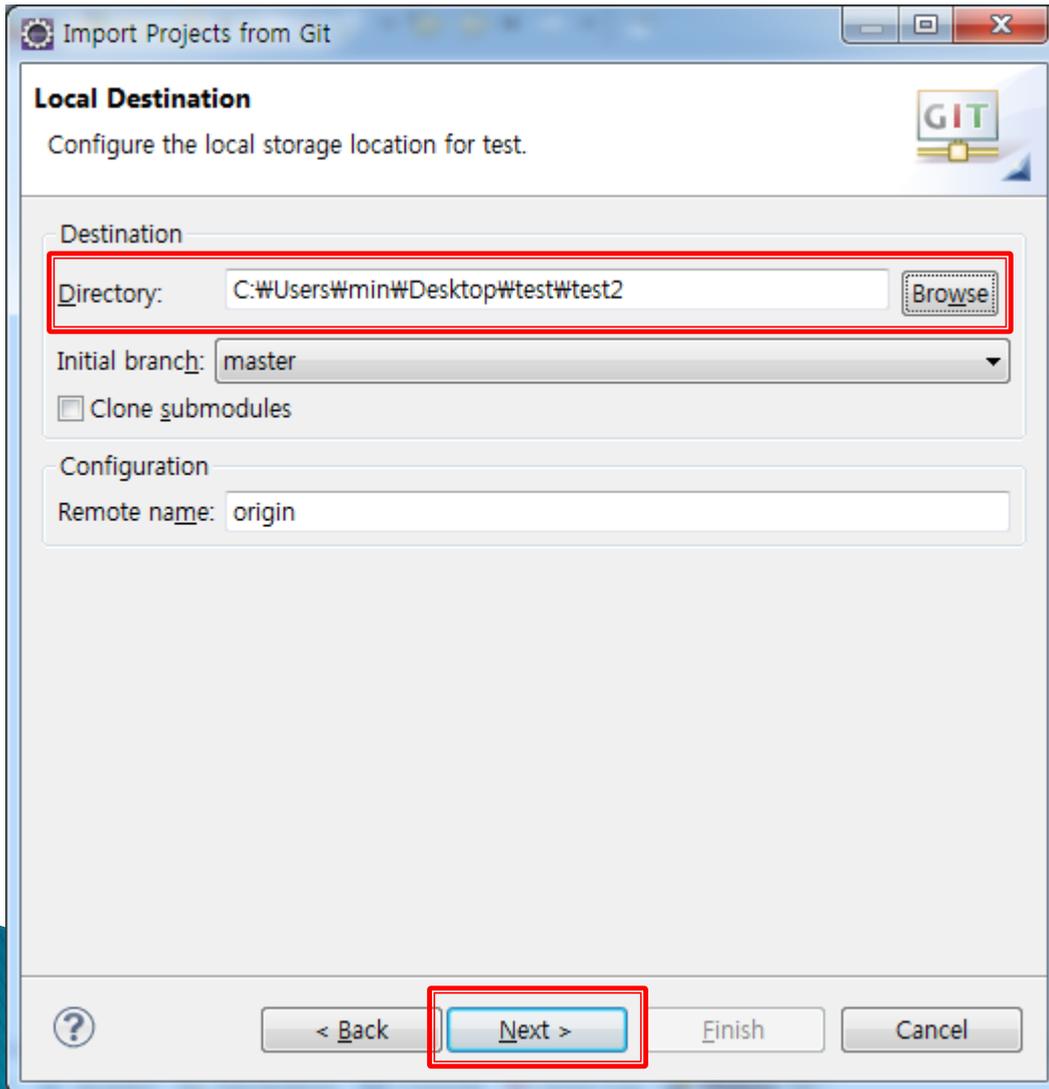
Eclipse와 GitHub 연동하기



원격 저장소에서
프로젝트 가져오기

1. Branch 선택
2. Next

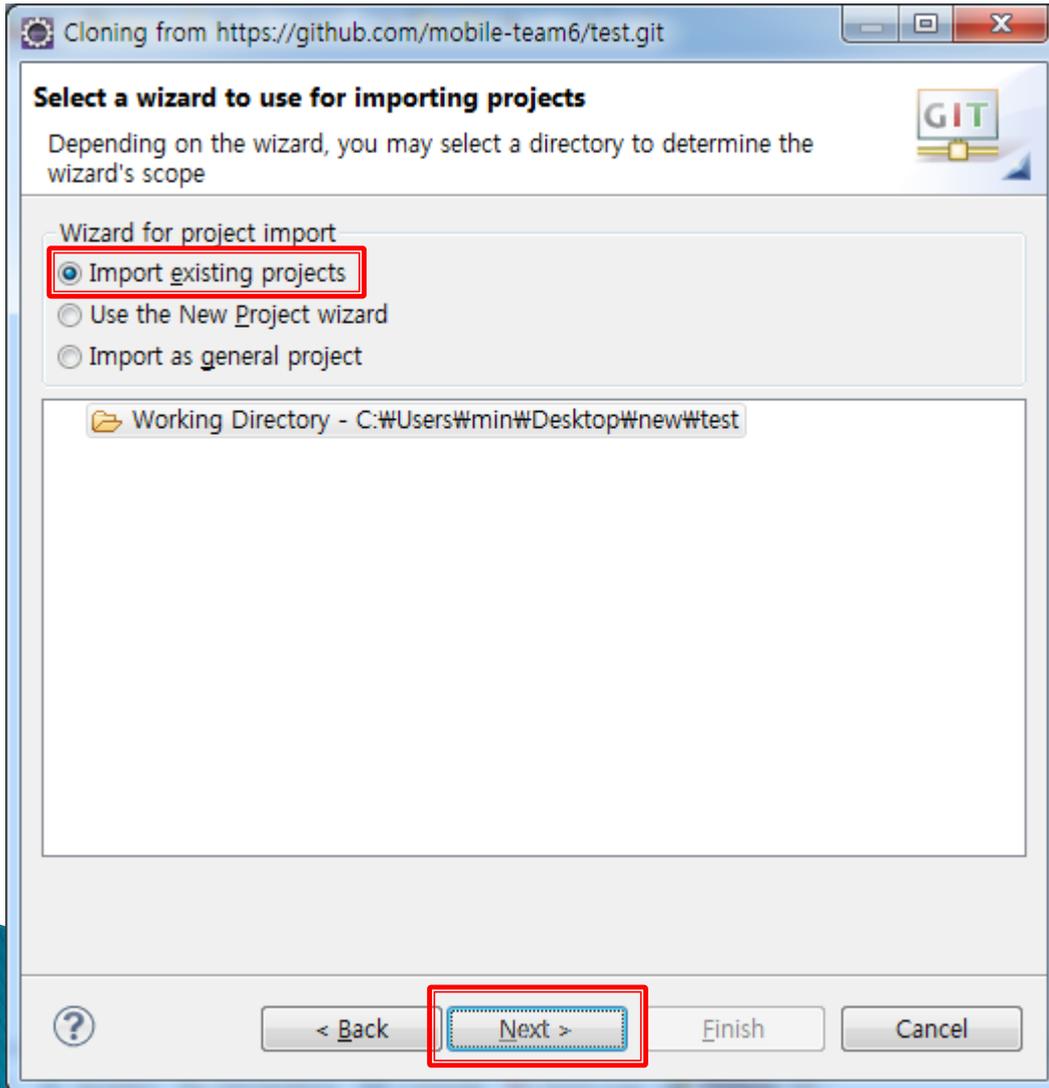
Eclipse와 GitHub 연동하기



원격 저장소에서
프로젝트 가져오기

1. 로컬 저장소로 사용할 디렉터리 지정
2. Next

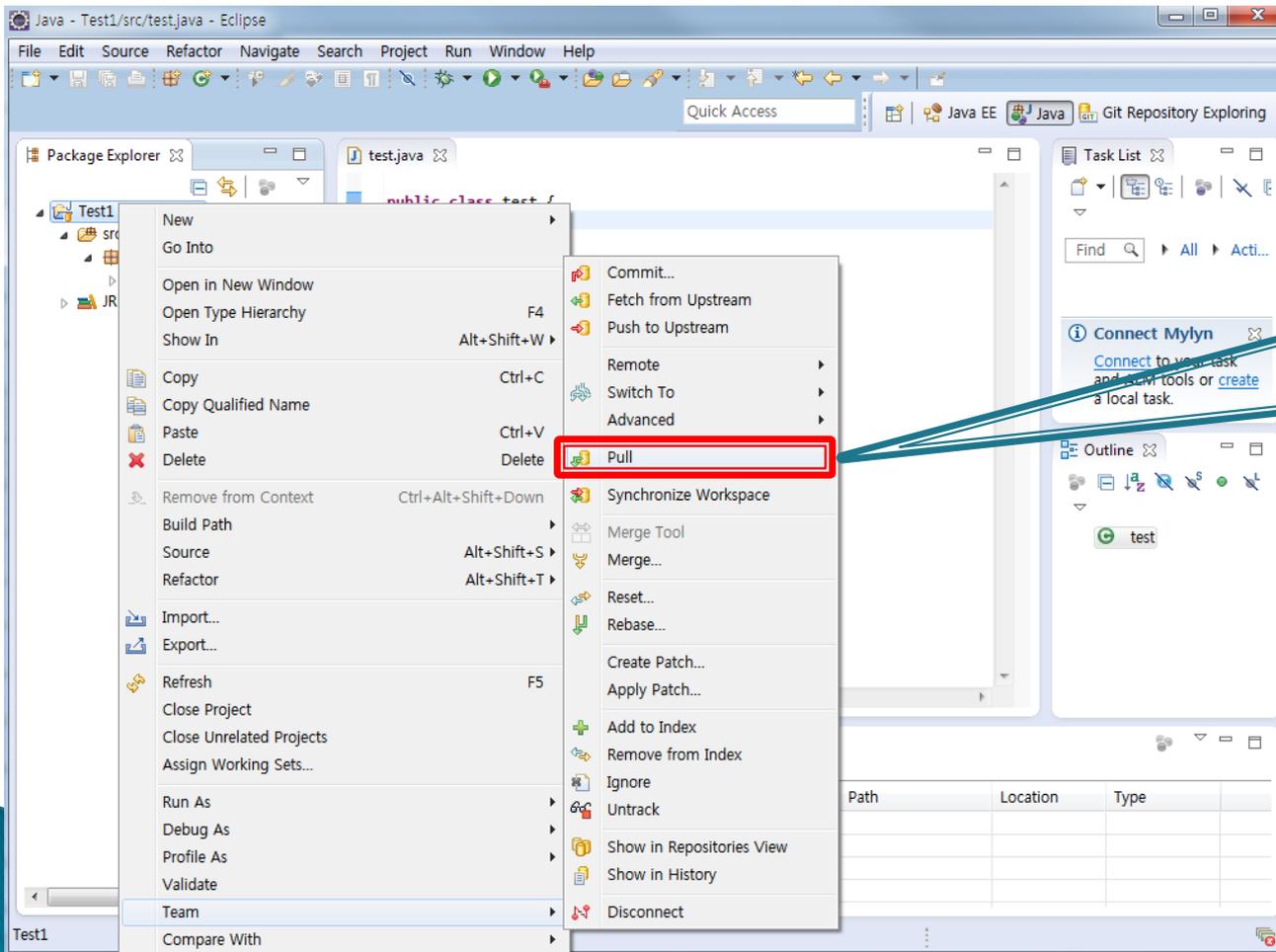
Eclipse와 GitHub 연동하기



원격 저장소에서
프로젝트 가져오기

1. Import existing projects
2. Next
3. Finish

Eclipse와 GitHub 연동하기



이미 Import 되어있는 Project가 수정 되었을 경우 Pull로 간단하게 최신데이터로 갱신 가능

Q & A