

Eclipse 에서 github 사용

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내용

1. 원격 저장소 생성
2. 비밀번호를 위한 token 생성

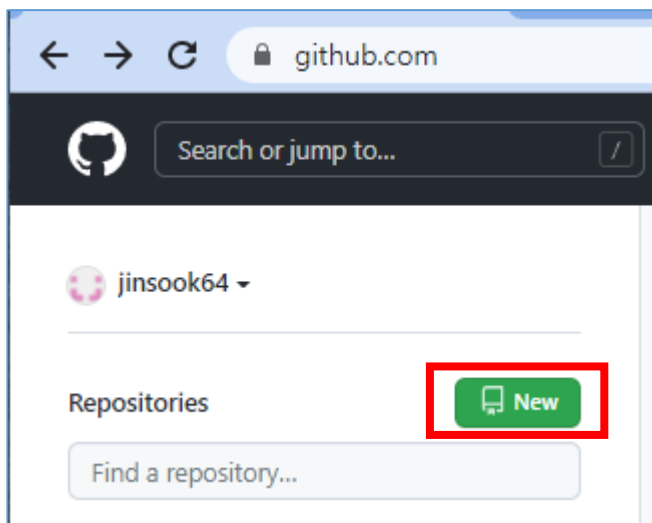
github.com에서 진행

3. EGit 설치(필요 시)
4. 로컬 저장소 생성
5. 원격 저장소와 연결 설정
6. .gitignore 파일 변경
7. 원하는 로컬 파일을 github로 push하기

eclipse에서 진행

1. 원격 저장소 생성

- <http://github.com> 에서 로그인하여 새로운 repository 생성



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner * jinsook64

Repository name *

Great repository names are short and memorable. Need inspiration? How about [didactic-guacamole?](#)

Description (optional)

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

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

Initialize this repository with:

Skip this step if you're importing an existing repository.

☒ Add a README file
This is where you can write a long description for your project. [Learn more.](#)

☐ Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

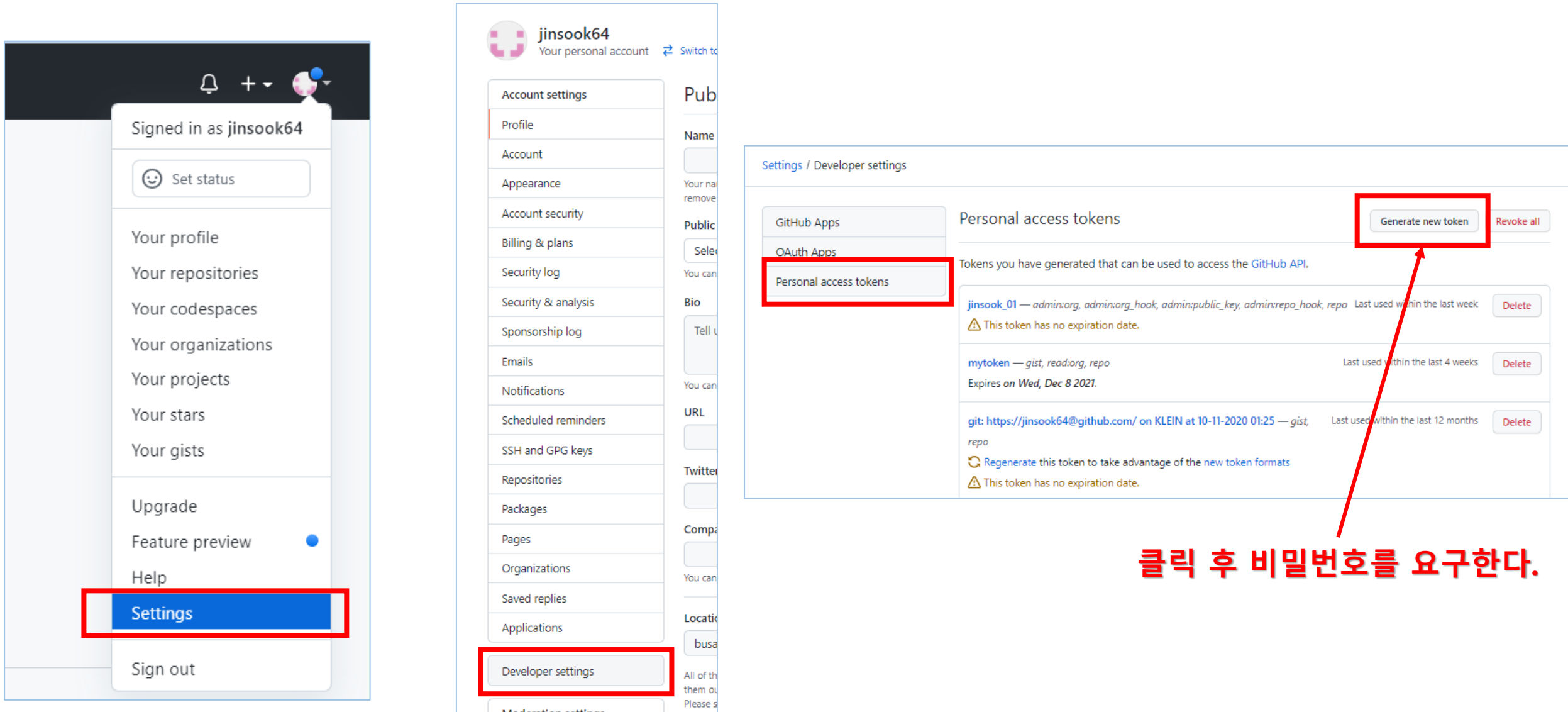
☐ Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).

Create repository

저장소명을 입력한다.

2. 비밀번호를 위한 token 생성



The image shows three sequential steps to generate a GitHub Personal Access Token:

- Step 1:** A screenshot of the GitHub mobile app's user menu. The 'Signed in as jinsook64' header is visible. The 'Settings' option at the bottom is highlighted with a red box.
- Step 2:** A screenshot of the GitHub web interface's 'Account settings' page for user 'jinsook64'. The 'Developer settings' link at the bottom of the left sidebar is highlighted with a red box.
- Step 3:** A screenshot of the 'Settings / Developer settings' page, specifically the 'Personal access tokens' section. The 'Generate new token' button in the top right corner is highlighted with a red box. A red arrow points from this button to the text '클릭 후 비밀번호를 요구한다.' (Click to request password).

클릭 후 비밀번호를 요구한다.

2. 비밀번호를 위한 token 생성

Settings / Developer settings

GitHub Apps

OAuth Apps

Personal access tokens

New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

Note

jskim_token

What's this token for?

Expiration *

No expiration ↕

The token will never expire!

GitHub strongly recommends that you set an expiration date for your token to help keep your information secure. [Learn more](#)

2. 비밀번호를 위한 token 생성

- 다음은 사항은 임의로 체크한 것이므로 자세한 것은 더 알아 볼 것

Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

<input checked="" type="checkbox"/> repo	Full control of private repositories
<input checked="" type="checkbox"/> repo:status	Access commit status
<input checked="" type="checkbox"/> repo_deployment	Access deployment status
<input checked="" type="checkbox"/> public_repo	Access public repositories
<input checked="" type="checkbox"/> repo:invite	Access repository invitations
<input checked="" type="checkbox"/> security_events	Read and write security events
<input type="checkbox"/> workflow	Update GitHub Action workflows
<input type="checkbox"/> write:packages	Upload packages to GitHub Package Registry
<input type="checkbox"/> read:packages	Download packages from GitHub Package Registry
<input type="checkbox"/> delete:packages	Delete packages from GitHub Package Registry
<input checked="" type="checkbox"/> admin:org	Full control of orgs and teams, read and write org projects
<input checked="" type="checkbox"/> write:org	Read and write org and team membership, read and write org projects
<input checked="" type="checkbox"/> read:org	Read org and team membership, read org projects
<input type="checkbox"/> admin:public_key	Full control of user public keys
<input type="checkbox"/> write:public_key	Write user public keys
<input type="checkbox"/> read:public_key	Read user public keys
<input type="checkbox"/> admin:repo_hook	Full control of repository hooks
<input type="checkbox"/> write:repo_hook	Write repository hooks
<input type="checkbox"/> read:repo_hook	Read repository hooks
<input type="checkbox"/> admin:org_hook	Full control of organization hooks
<input type="checkbox"/> gist	Create gists
<input type="checkbox"/> notifications	Access notifications

<input checked="" type="checkbox"/> user	Update ALL user data
<input checked="" type="checkbox"/> read:user	Read ALL user profile data
<input checked="" type="checkbox"/> user:email	Access user email addresses (read-only)
<input checked="" type="checkbox"/> user:follow	Follow and unfollow users
<input type="checkbox"/> delete_repo	Delete repositories
<input checked="" type="checkbox"/> write:discussion	Read and write team discussions
<input checked="" type="checkbox"/> read:discussion	Read team discussions
<input checked="" type="checkbox"/> admin:enterprise	Full control of enterprises
<input checked="" type="checkbox"/> manage_runners:enterprise	Manage enterprise runners and runner-groups
<input checked="" type="checkbox"/> manage_billing:enterprise	Read and write enterprise billing data
<input checked="" type="checkbox"/> read:enterprise	Read enterprise profile data
<input checked="" type="checkbox"/> admin:gpg_key	Full control of public user GPG keys (Developer Preview)
<input checked="" type="checkbox"/> write:gpg_key	Write public user GPG keys
<input checked="" type="checkbox"/> read:gpg_key	Read public user GPG keys

Generate token

Cancel

2. 비밀번호를 위한 token 생성

Settings / Developer settings

GitHub Apps
OAuth Apps
Personal access tokens

Personal access tokens

Generate new token Revoke all

Tokens you have generated that can be used to access the [GitHub API](#).

Make sure to copy your personal access token now. You won't be able to see it again!

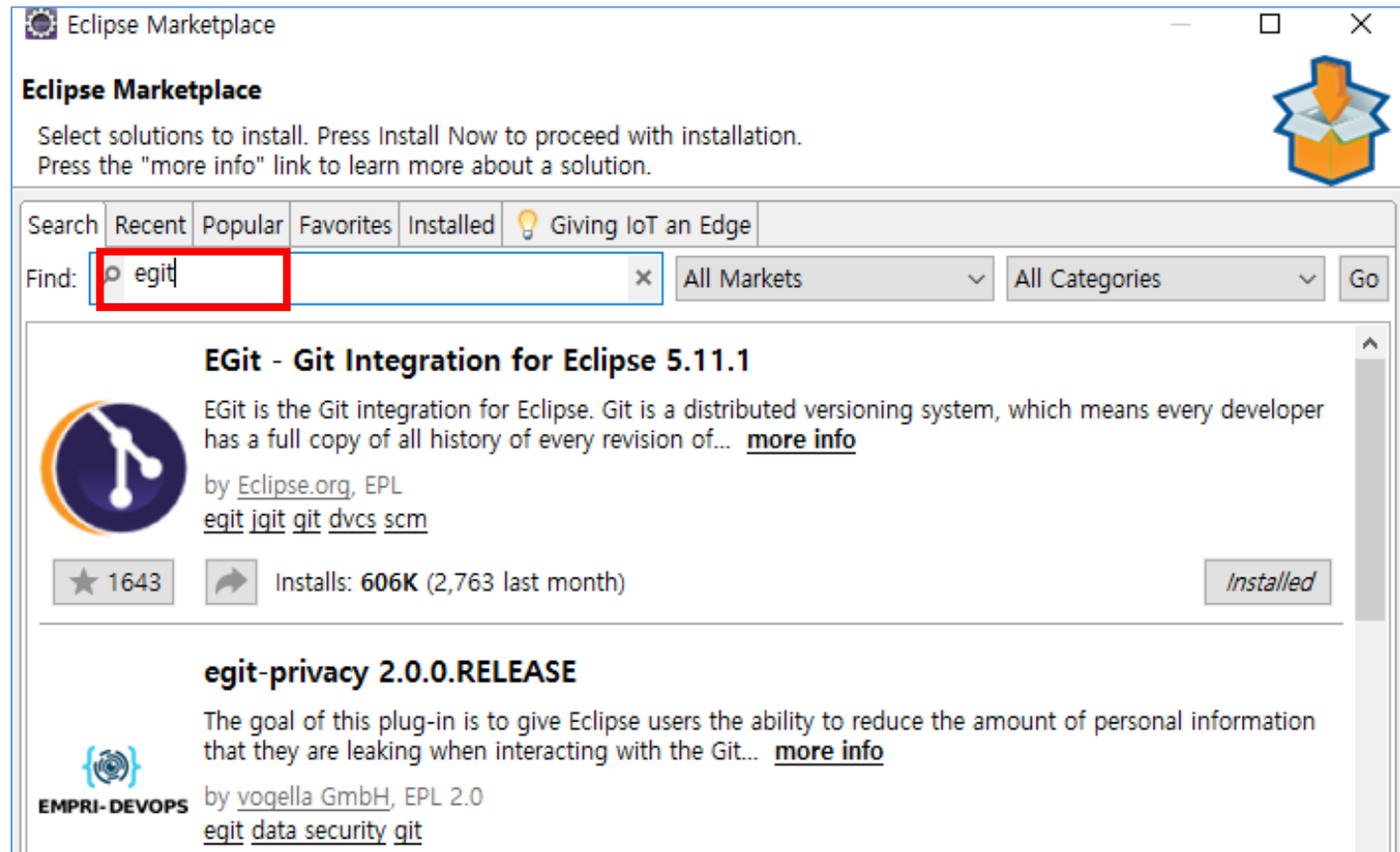
✓	[Redacted token]	Delete
jinsook_01 — <i>admin:org, admin:org_hook, admin:public_key, admin:repo_hook, repo</i> Last used within the last week Delete		
⚠ This token has no expiration date.		
mytoken — <i>gist, read:org, repo</i> Last used within the last 4 weeks Delete		
Expires on Wed, Dec 8 2021.		
git: https://jinsook64@github.com/ on KLEIN at 10-11-2020 01:25 — <i>gist, repo</i> Last used within the last 12 months Delete		
🔄 Regenerate this token to take advantage of the new token formats		
⚠ This token has no expiration date.		

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

**토큰은 반드시 캡처해 두거나 텍스트로 저장해야 함!!
로컬 저장소에 txt 파일로 저장해 둘 것!!**

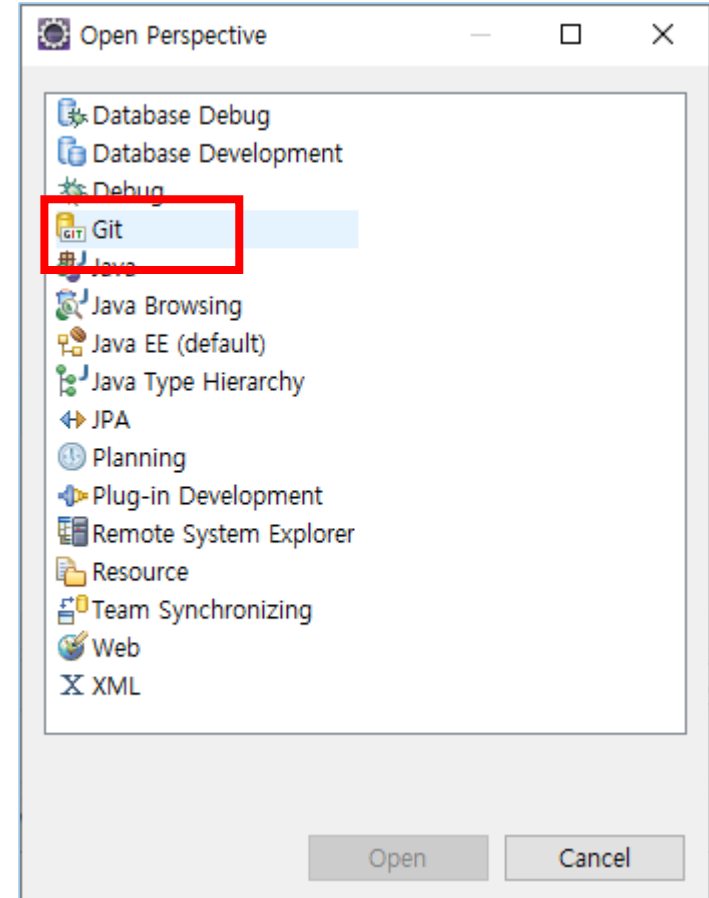
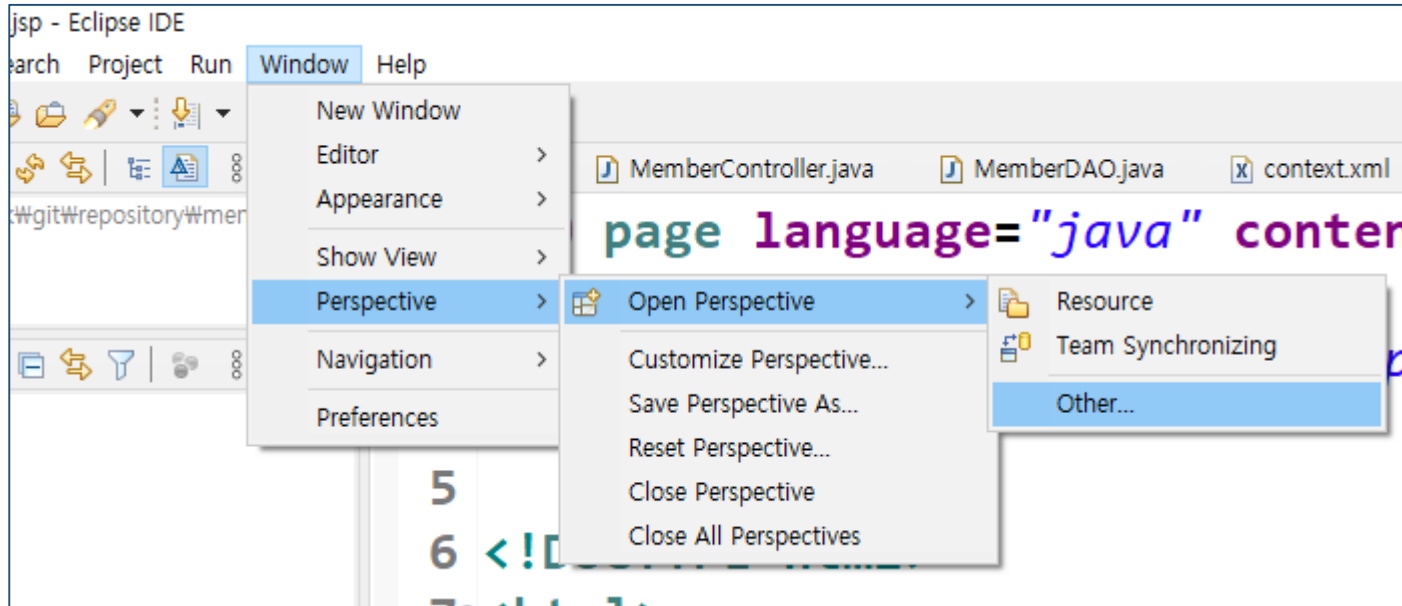
3. EGit 설치(필요 시)

- 설치되어 있는 경우가 대부분
- Help – Eclipse Marketplace
- Egit 검색 - 설치

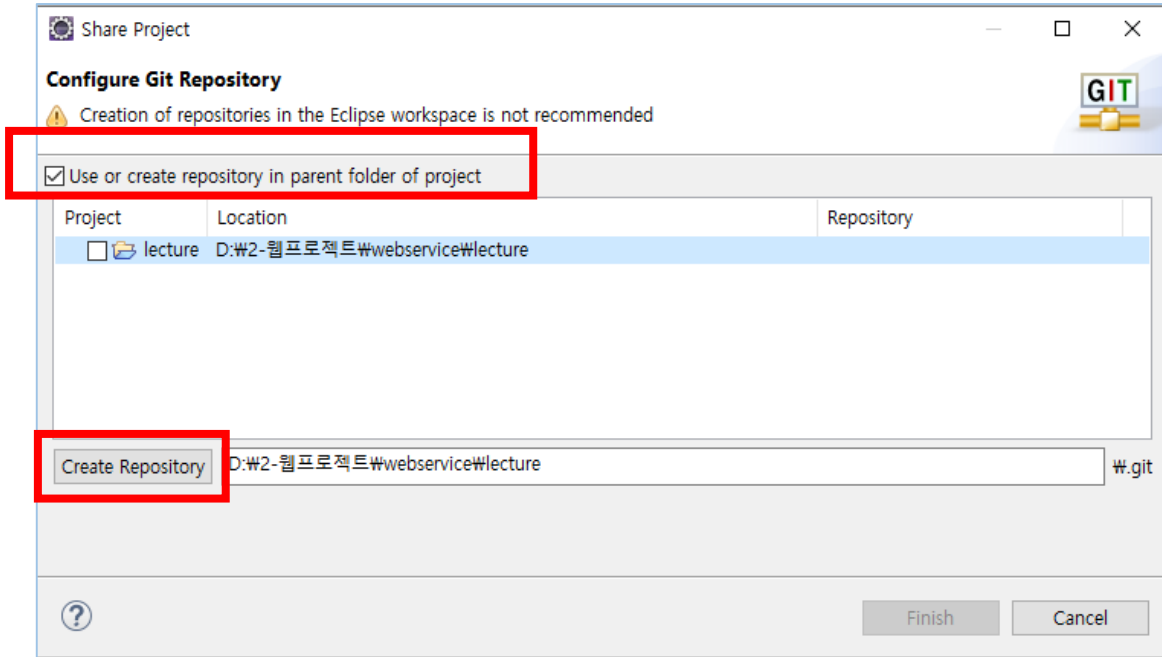
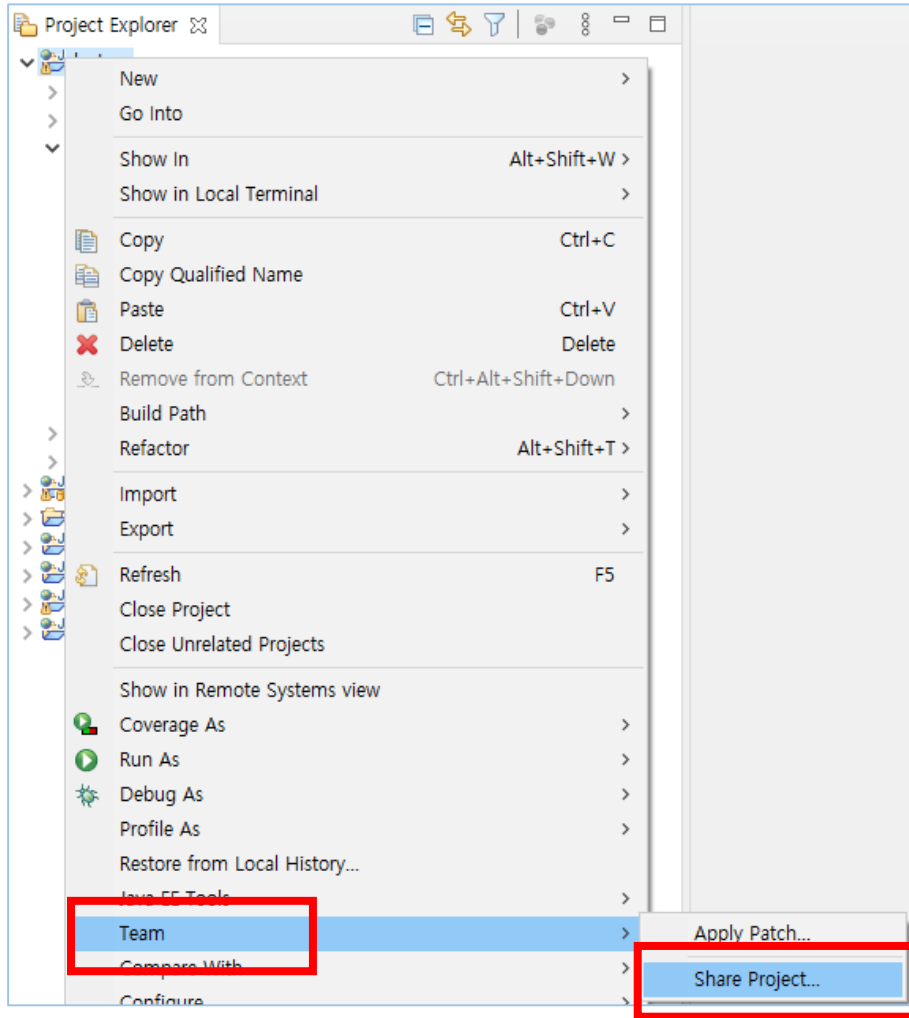


3. EGit 설치(필요 시)

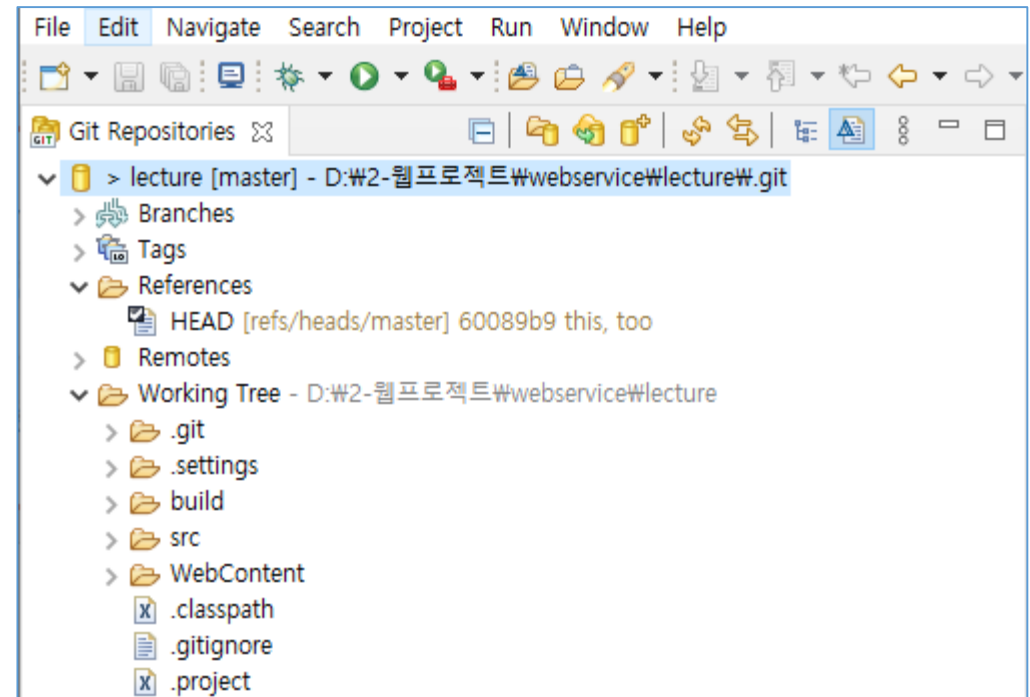
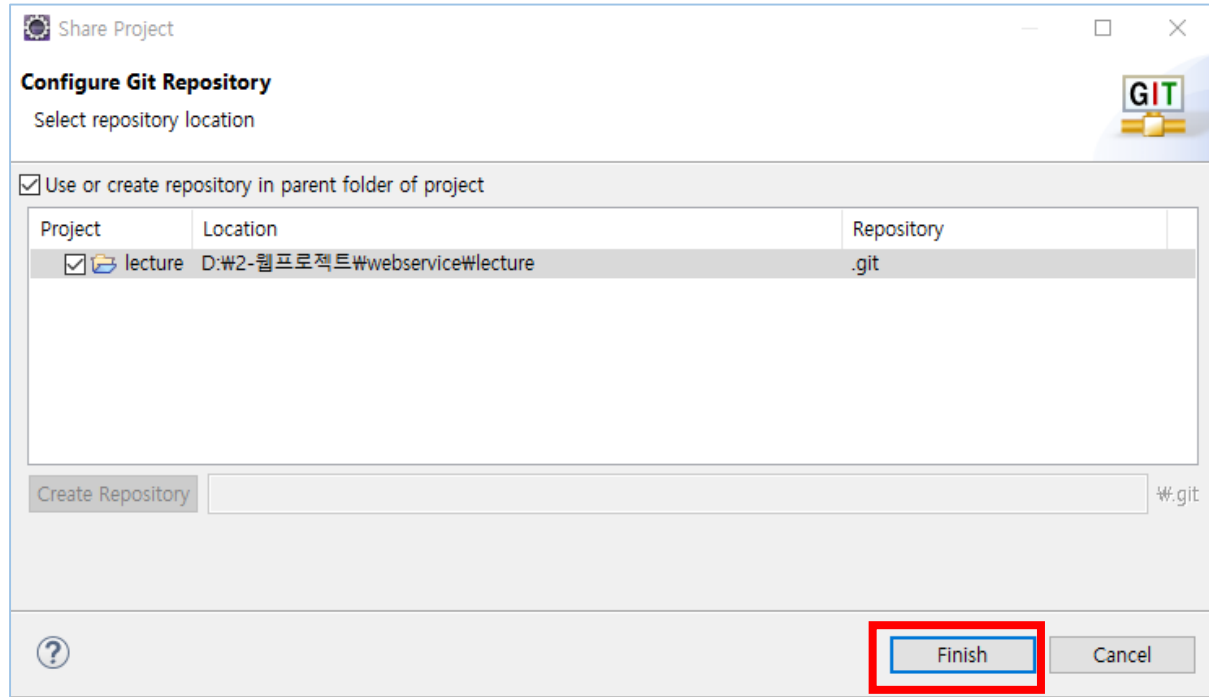
- Window – Perspective – Open Perspective – Other – Git - Open



4. 로컬 저장소 생성



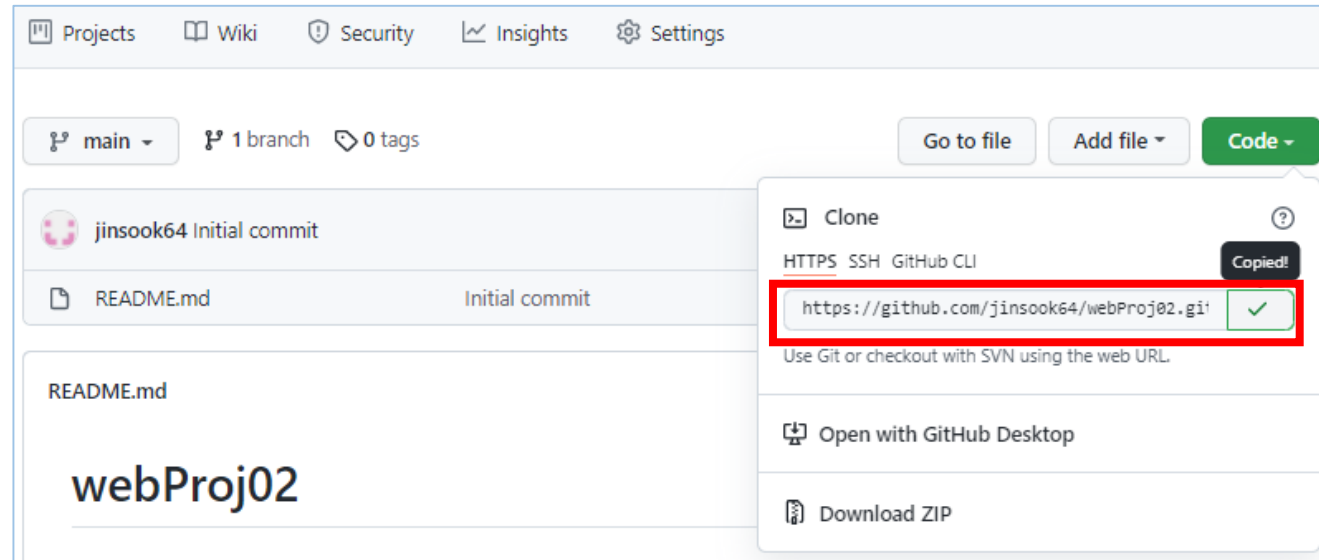
4. 로컬 저장소 생성



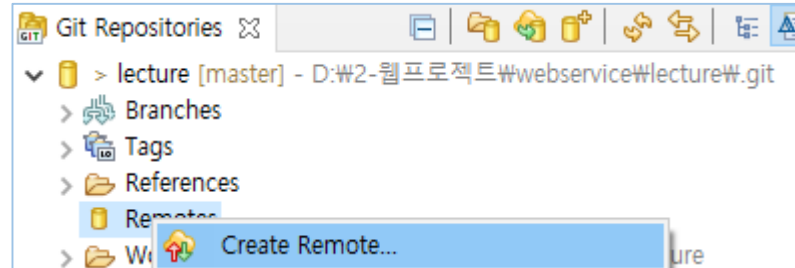
생성된 로컬 저장소

5. 원격 저장소와 연결

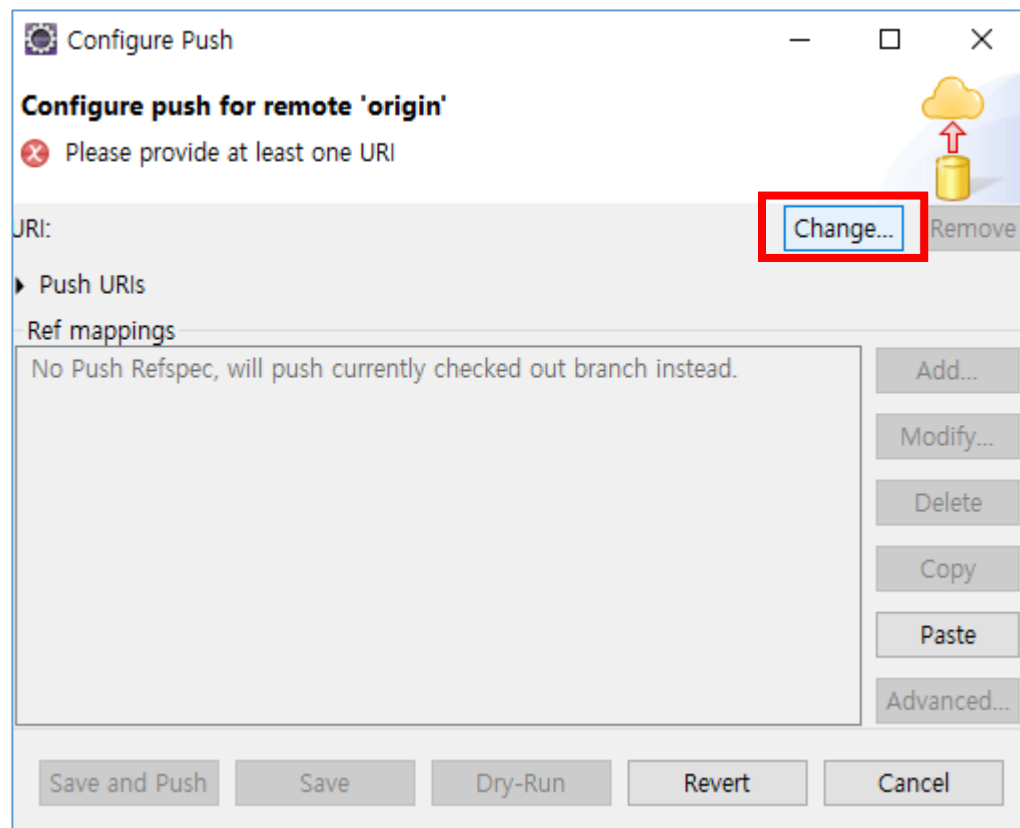
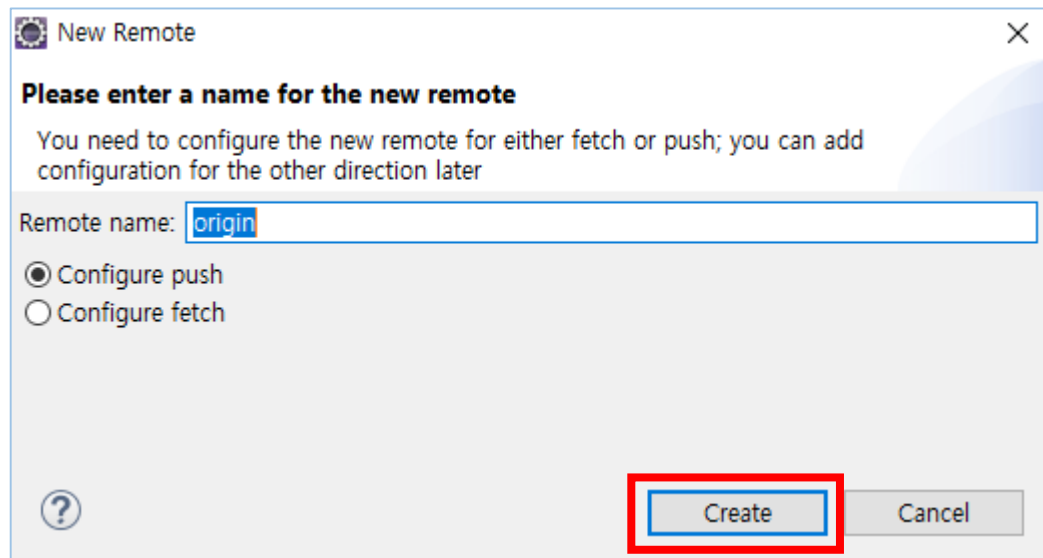
- 원격 저장소의 URL을 복사해 둔다.



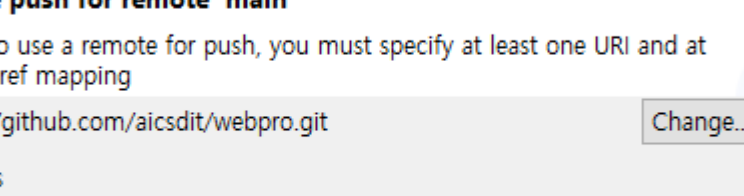
- 로컬 저장소의 Remote 영역을 생성한다.



5. 원격 저장소와 연결



5. 원격 저장소와 연결

[illegible]

Configure push for remote 'main'

In order to use a remote for push, you must specify at least one URI and at least one ref mapping

URI: `https://github.com/aicsdit/webpro.git` Change... Remove

► Push URIs

Ref mappings

No Push Refspec, will push currently checked out branch instead.

Add... Modify... Delete Copy Paste

Configure Push

Create or Edit a Refspec

Create or Edit a Refspec for Push

Push uses the content of a branch or tag of the local repository as source and updates a branch of the remote repository (the target)

Local branch: HEAD

Remote branch: m

☐ Force update

Specification: HEAD:m

Save and Push

5. 원격 저장소와 연결

Push Branch master

Push to branch in remote

Select a remote and the name the branch should have in the remote.

Source:
master ffcd491 4장 내용

Destination:
Remote: origin: https://github.com/aicsdit/webpro.git New Remote...
Branch: main

☒ Configure upstream for push and pull

When pulling: Merge

☒ Force overwrite branch in remote if it exists and has diverged

Show [advanced push](#) dialog

< Back Preview > Push Cancel

Push Branch master

Push Confirmation

Confirm following expected push result.

master → main [1123a80..ffcd491] (1)
> 1123a80: first commit (jinsook on 2022-02-28 15:21:33)

Message Details

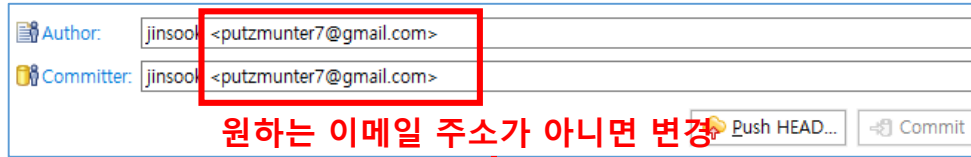
Repository
<https://github.com/aicsdit/webpro.git>

☐ Cancel push if result would be different than above because of changes on remote
☐ Show dialog with result only when it is different from the confirmed result above

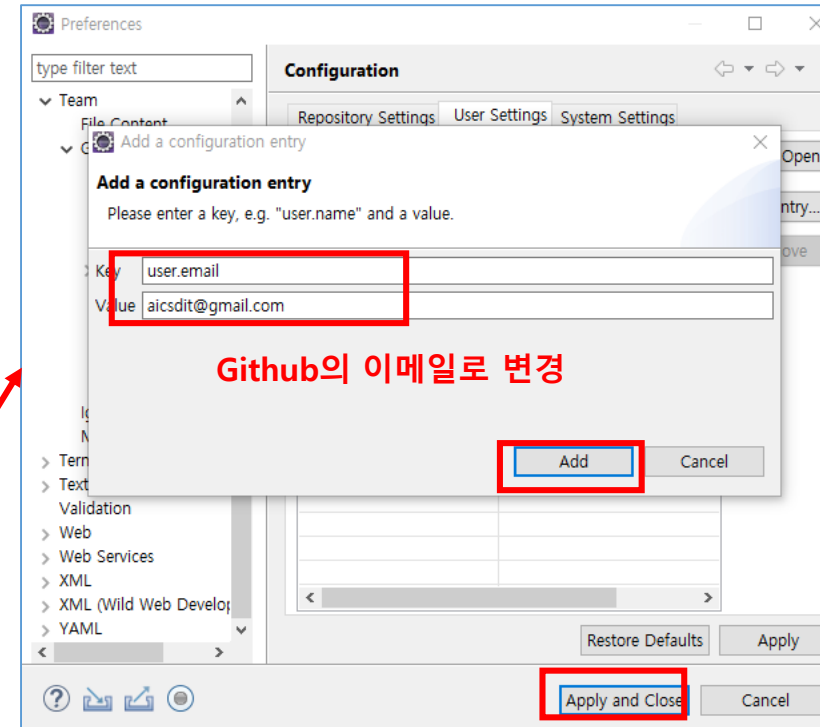
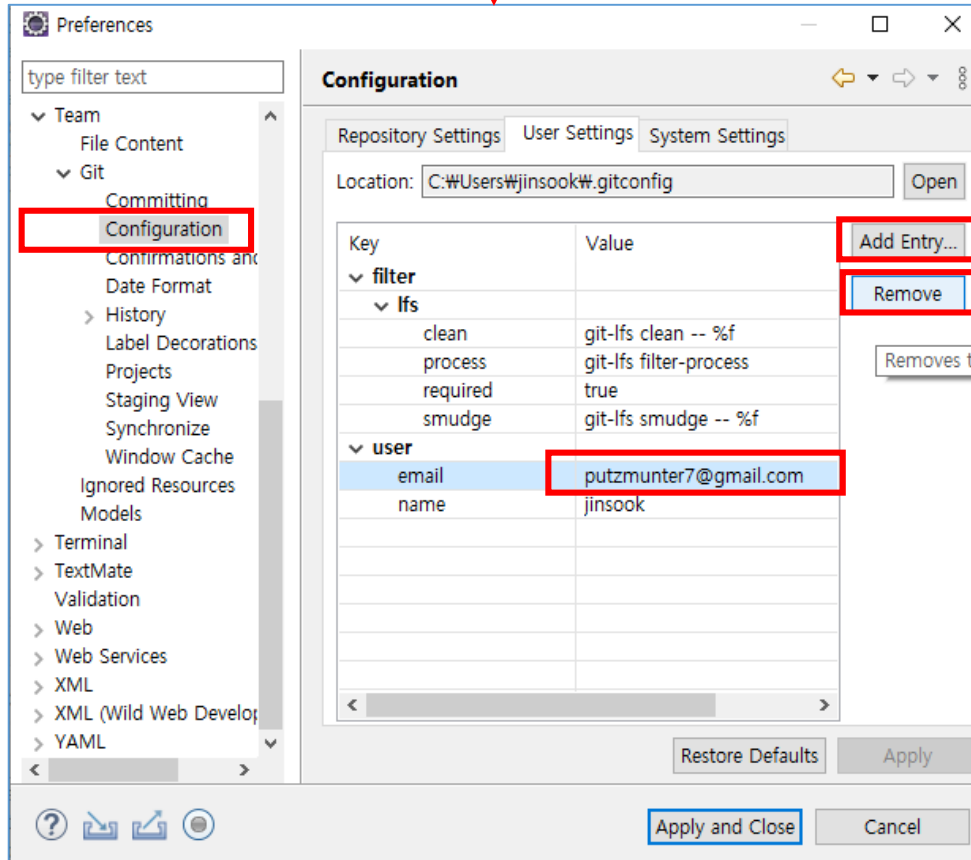
< Back Preview > Push Cancel

[문제 발생] Author와 Committer 변경

- Github의 이메일과 eclipse의 내용이 다를 경우 변경하기



Windows-Preferences



이클립스 재 실행



6. .gitignore 파일 변경

- .gitignore 란
 - 로컬 저장소의 파일들을 원격 저장소에 push하려고 할 때 제외하는 파일들을 미리 설정하는 파일
 - 사용하는 이유
 - 백업, 빌드 정보 등 업로드될 필요가 없는 파일을 자동으로 제외하기 위해
 - 보안상으로 위험성이 있는 파일을 업로드되지 않도록 하기 위해
 - 원하지 않는 파일이 업로드 되지 않도록 하기 위해(너무 용량이 큰 파일 등)
 - 데이터 충돌로 인한 손실 방지 등

6. .gitignore 파일 변경

 gitignore.io

자신의 프로젝트에 꼭 맞는 .gitignore 파일을 만드세요

Windows X

Eclipse X

Java X

생성

[소스 코드](#) | [커맨드라인 문서](#)

운영체제, 사용IDE, 프로그래밍 언어를 엔터를 치면서 입력한 뒤 생성 버튼을 누르면 오른쪽 파일이 생성된다.

https://www.toptal.com/develop x +

toptal.com/developers/gitignore/api/windows,eclipse,java

```
# Created by https://www.toptal.com/developers/gitignore/api/windows,eclipse,java
# Edit at https://www.toptal.com/developers/gitignore?templates=windows,eclipse,java
```

```
### Eclipse ###
```

```
.metadata
bin/
tmp/
*.tmp
*.bak
*.swp
*~.nib
local.properties
.settings/
.loadpath
.recommenders
```

```
# External tool builders
.externalToolBuilders/
```

```
# Locally stored "Eclipse launch configurations"
*.launch
```

```
# PyDev specific (Python IDE for Eclipse)
*.pydevproject
```

```
# CDT-specific (C/C++ Development Tooling)
.cproject
```

```
# CDT- autotools
.autotools
```

```
# Java annotation processor (APT)
.factorypath
```

```
# PDT-specific (PHP Development Tools)
.buildpath
```

6. .gitignore 파일 변경

```
https://www.toptal.com/develop x +
toptal.com/developers/gitignore/api/windows,eclipse,java

# Created by https://www.toptal.com/developers/gitignore/api/windows,eclipse,java
# Edit at https://www.toptal.com/developers/gitignore?templates=windows,eclipse,java

### Eclipse ###
.metadata
bin/
tmp/
*.tmp
*.bak
*.swp
*~.nib
local.properties
.settings/
.loadpath
.recommenders

# External tool builders
.externalToolBuilders/

# Locally stored "Eclipse launch configurations"
*.launch

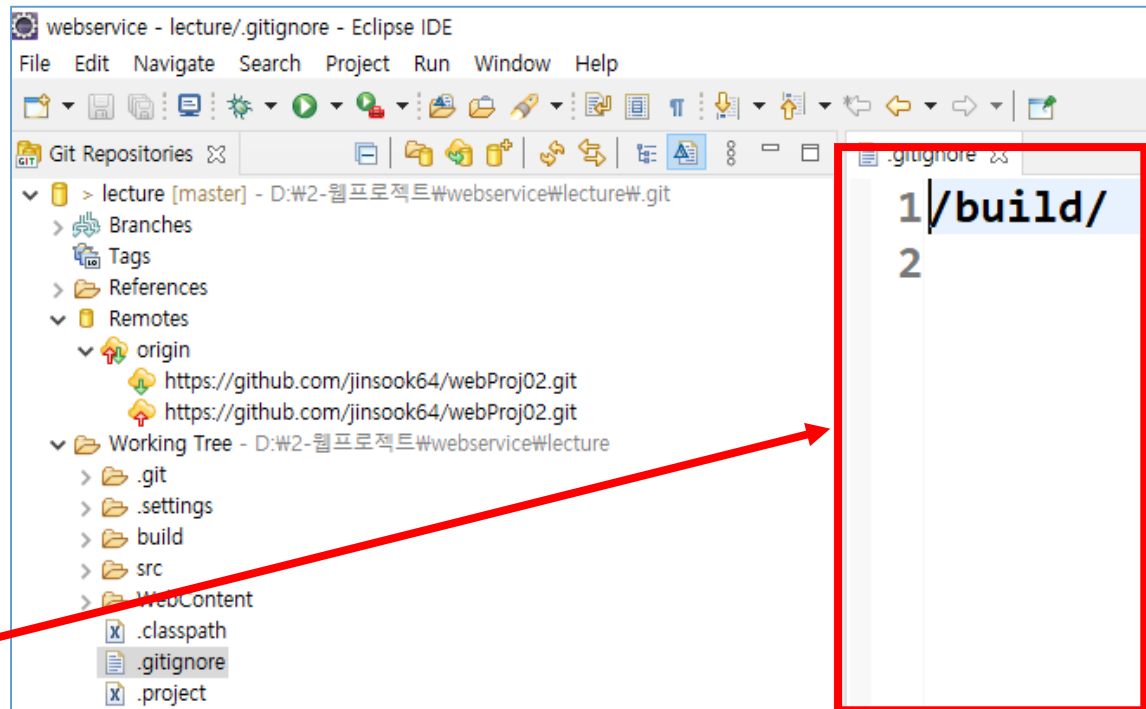
# PyDev specific (Python IDE for Eclipse)
*.pydevproject

# CDT-specific (C/C++ Development Tooling)
.cproject

# CDT- autotools
.autotools

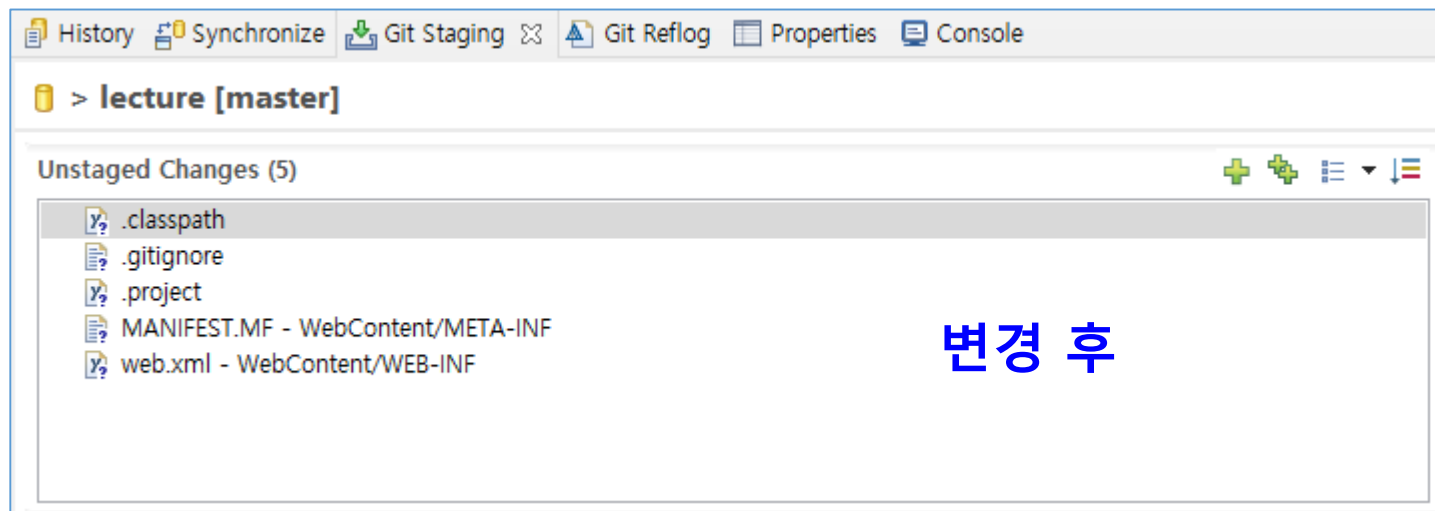
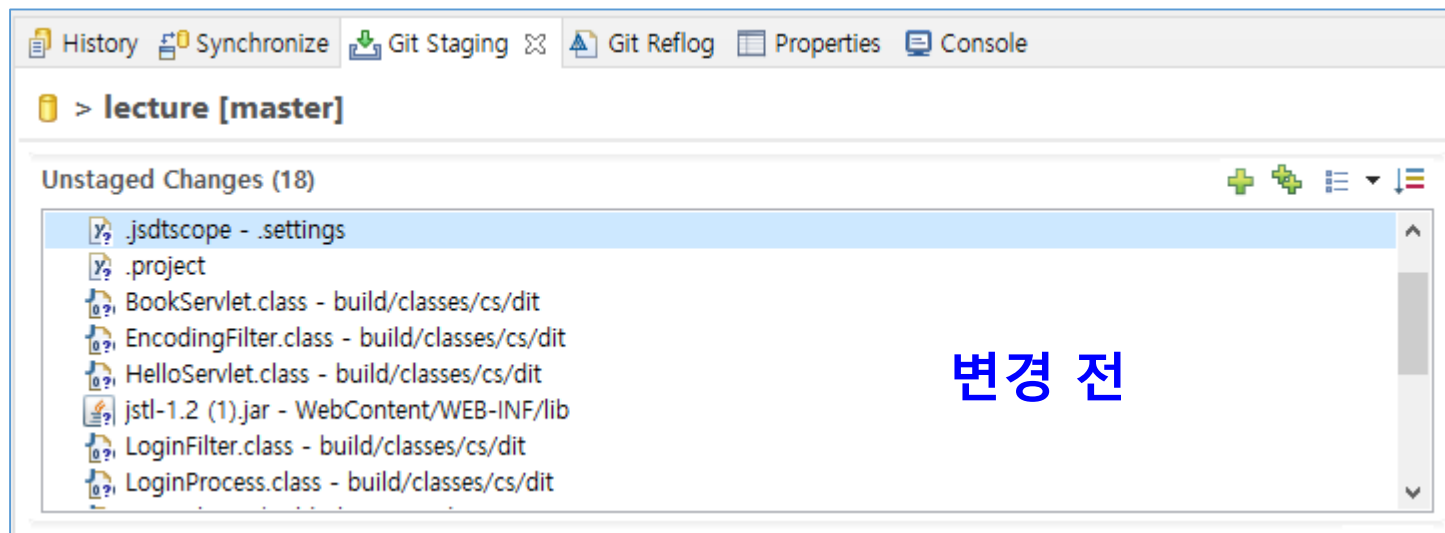
# Java annotation processor (APT)
.factorypath

# PDT-specific (PHP Development Tools)
.buildpath
```



생성된 파일을 복사하여 이클립스 로컬 저장
소인 working directory 의 .gitignore 파
일에 붙여넣기 한다.

6. .gitignore 파일 변경



위는 .gitignore 파일 변경 전이고
아래는 .gitignore 파일 변경 후이다.
자동생성된 파일 등 github에 업로드
될 필요가 없는 파일들이 빠져있다.

참조 사이트

- 기본 사용법
 - <https://aonee.tistory.com/16?category=377054>
- 토큰 생성과 사용법
 - <https://joytk.tistory.com/58>