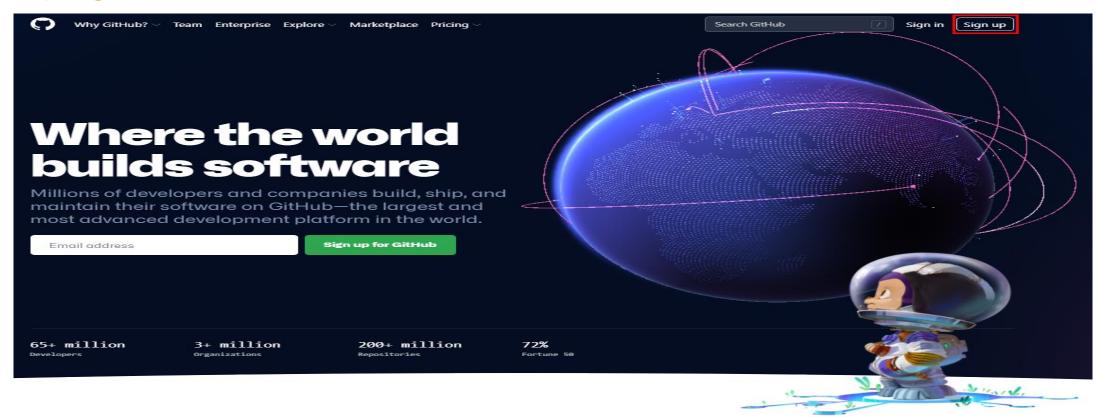
Github





❖ github 접속

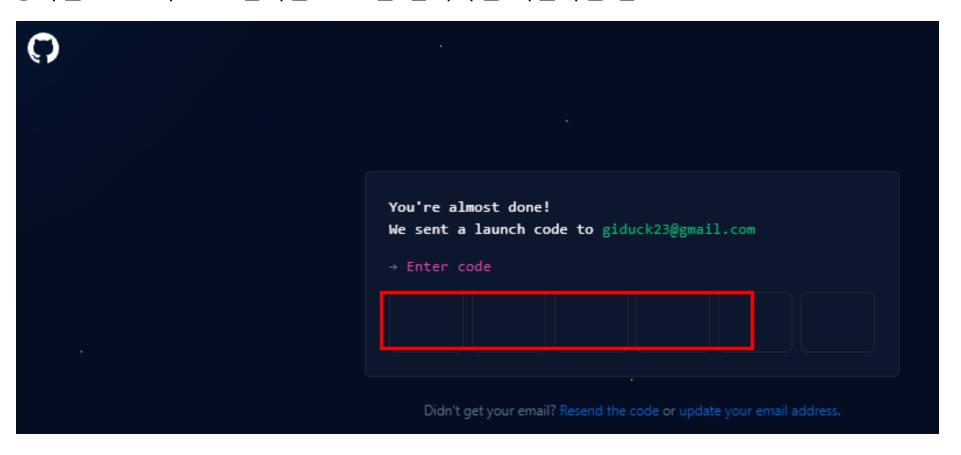
https://github.com



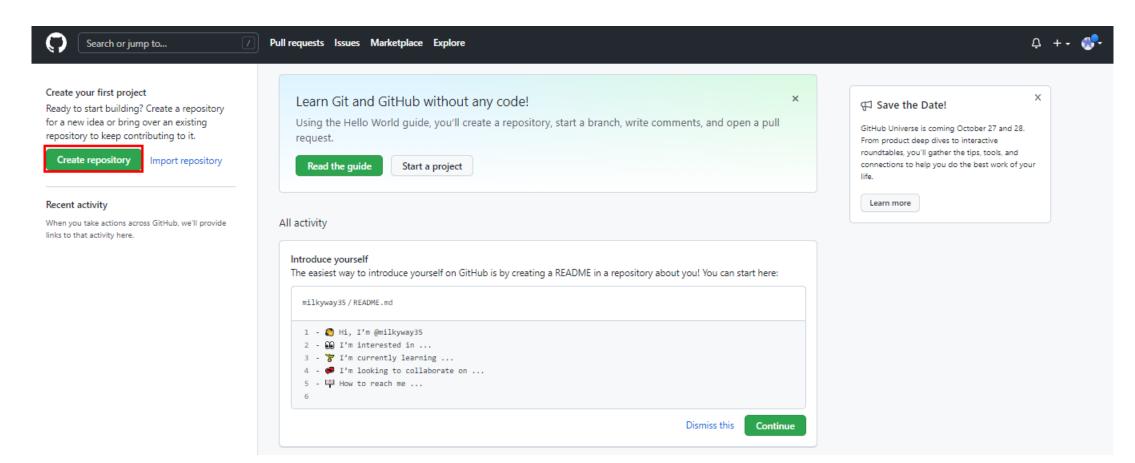
❖ github 회원 가입 email 주소, password 등 입력 하고 회원가입



❖ github 회원 가입 등록된 email 주소로 날라온 code를 입력하면 회원가입 완료

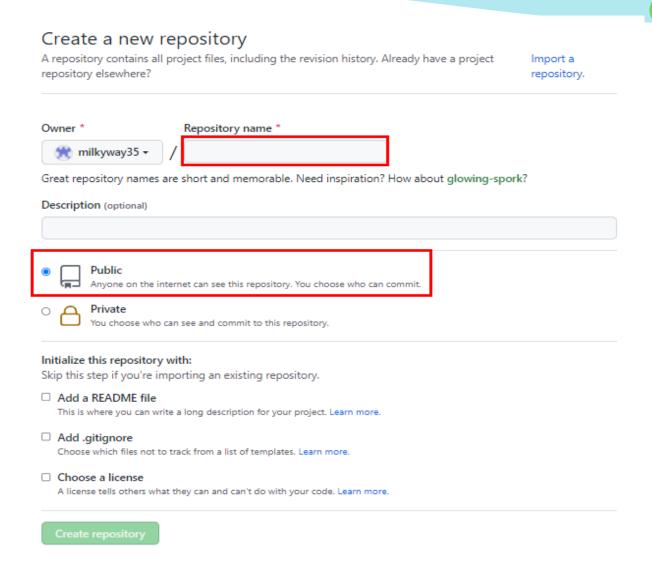


❖ Repository 생성로그인 후 저장소 생성

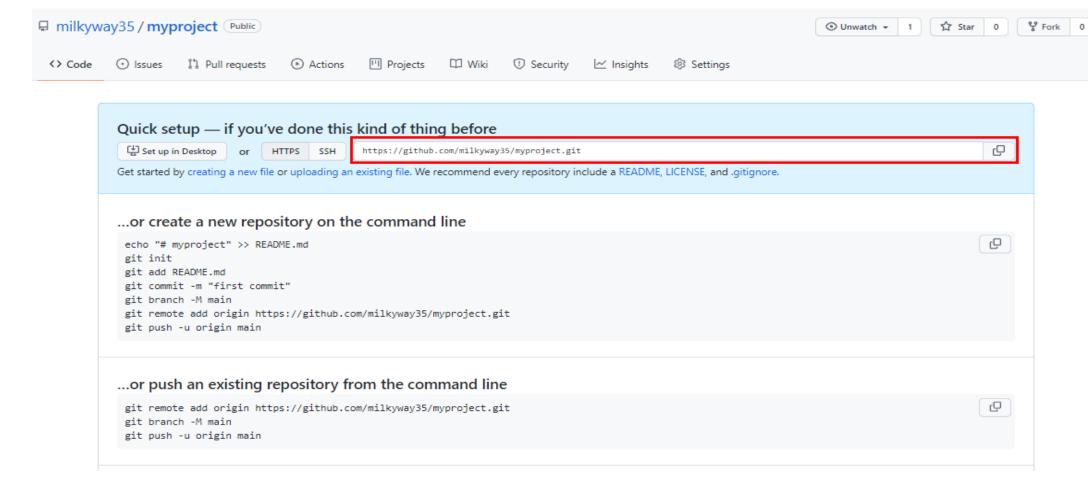


- ❖ Repository 생성
- 중복되지 않은 Repository name 입력
- 공개 여부 선택Public : 공개 (무료)

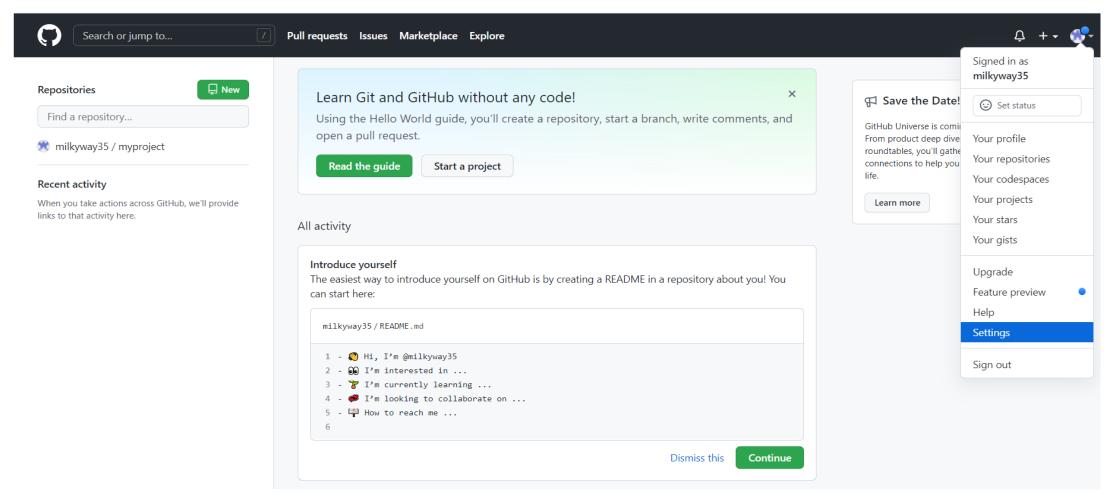
Private: 비공개 (유료)



❖ Repository 주소 복사



❖ 토큰 인증 : 2021년 8월 13일 이후로 계정 암호 대신에 <mark>토큰 인증 로그인 방식</mark>으로 바낌





Go to your personal profile

Account settings
Profile
Account
Appearance
Account security
Billing & plans
Security log
Security & analysis
Sponsorship log
Emails
Notifications
Scheduled reminders
SSH and GPG keys
Repositories
Packages
Organizations
Saved replies
Applications

Developer settings

Moderation settings

Blocked users

Interaction limits

Public profile

Your name may appear around GitHub where you contribute or are mentioned. You can remove it at any time. Public email Select a verified email to display You have set your email address to private. To toggle email privacy, go to email settings and uncheck "Keep my email address private." Bio Tell us a little bit about yourself You can @mention other users and organizations to link to them. URL Twitter username Company You can @mention your company's GitHub organization to link it.

Profile picture



All of the fields on this page are optional and can be deleted at any time, and by filling them out, you're giving us consent to share this data wherever your user profile appears. Please see our privacy statement to learn more about how we use this information.

Update profile

Location

❖ 토큰 인증

Settings / Developer settings

GitHub Apps

Personal access tokens

Generate new token

Revoke all

OAuth Apps

Personal access tokens

Tokens you have generated that can be used to access the GitHub API.

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.



Confirm access

	Password	
Confirm password		Forgot password?
Confirm password		Confirm password

Tip: You are entering sudo mode. We won't ask for your password again for a few hours.

❖ 토큰 인증토큰 이름과 토큰 사용 기간을 선택한다.

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

milkyway_token

What's this token for?

Expiration *

No expiration \$

The token will never expire!

❖ 토큰 인증

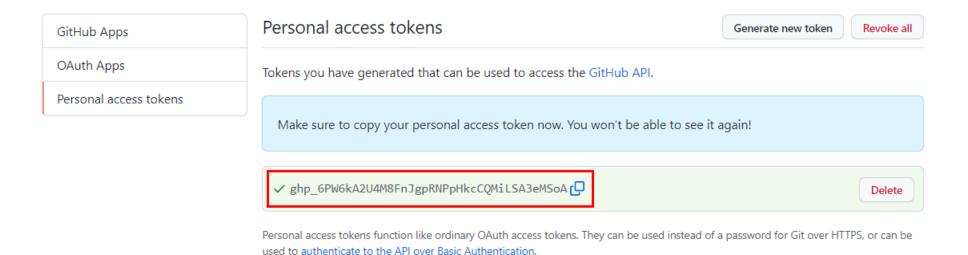
Select scopes

Scopes define the access for personal tokens. Read more about OAuth scopes.

✓ repo	Full control of private repositories
repo:status	Access commit status
repo_deployment	Access deployment status
public_repo	Access public repositories
repo:invite	Access repository invitations
security_events	Read and write security events

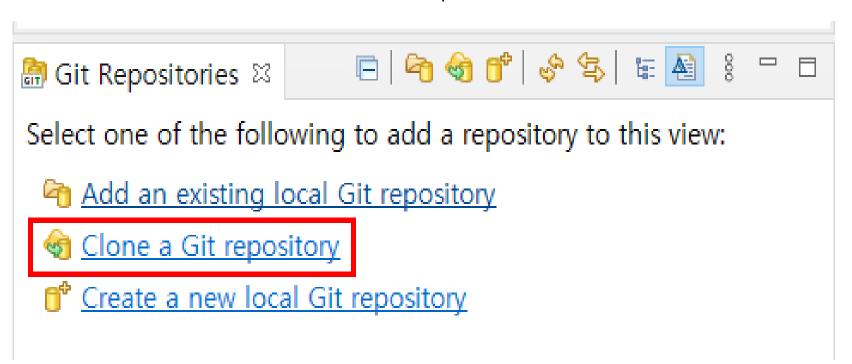
❖ 토큰 인증

토큰은 로그인 할때 사용 해야되고, 이 화면에서만 볼 수 있기 때문에 복사해서 파일에 잘 보관 해두자.

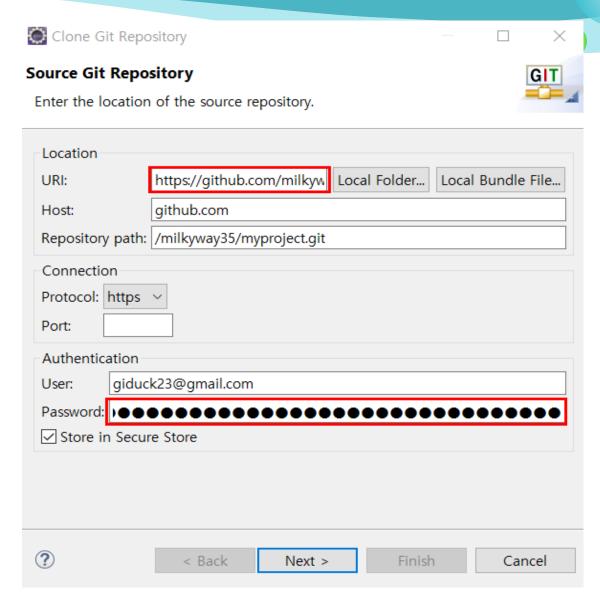


Repository Clone

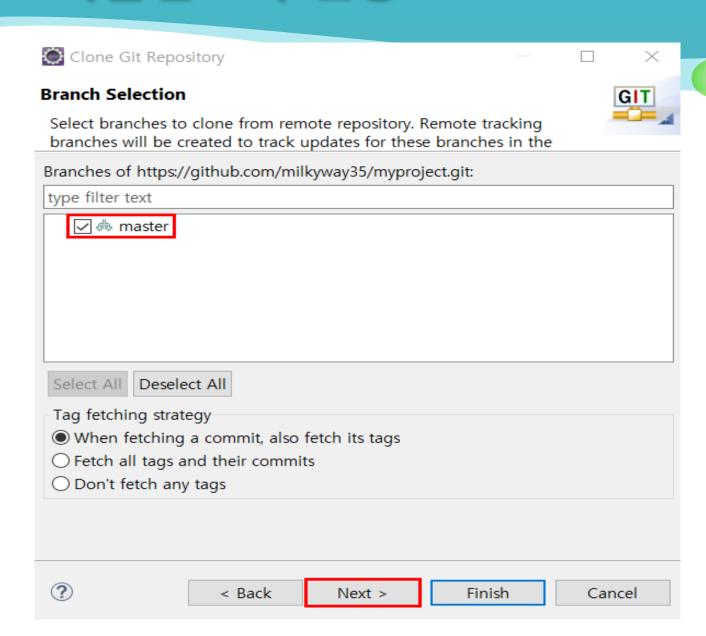
Window - Show View - Other - Git - Git Repositories 선택



- 원격 저장소 정보 입력
- github 주소를 URI 부분에 복사 붙이기
- Password는 계정 비번 대신에 토큰을 복사 붙이기

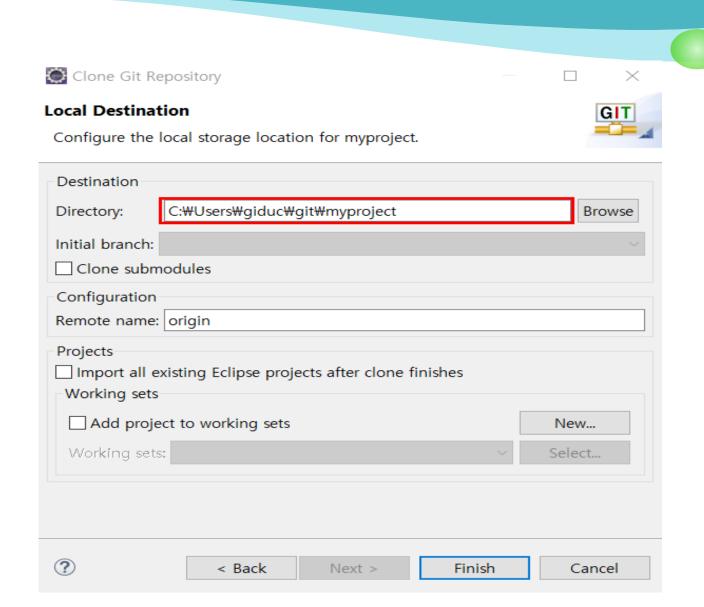


- ❖ Branch 선택
- master branch 선택

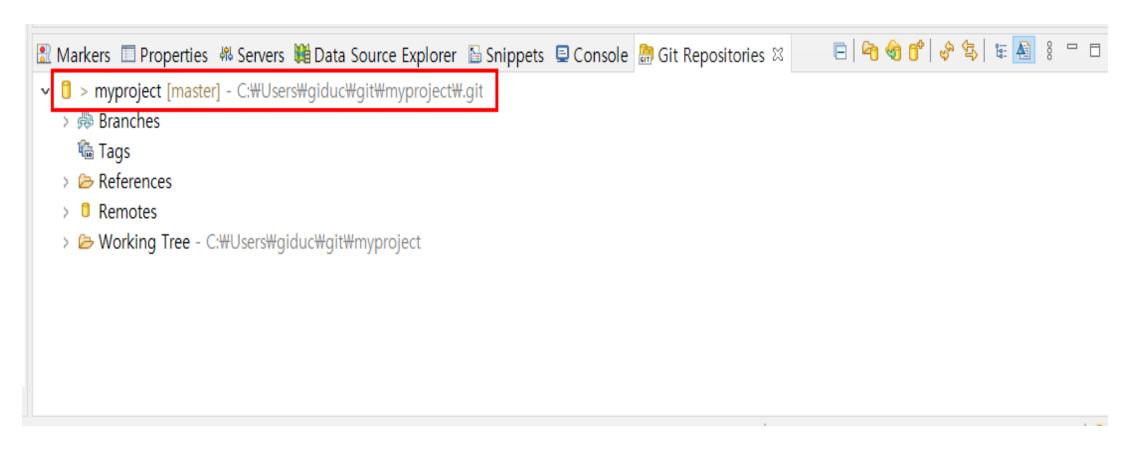


❖ Local Repository 설정

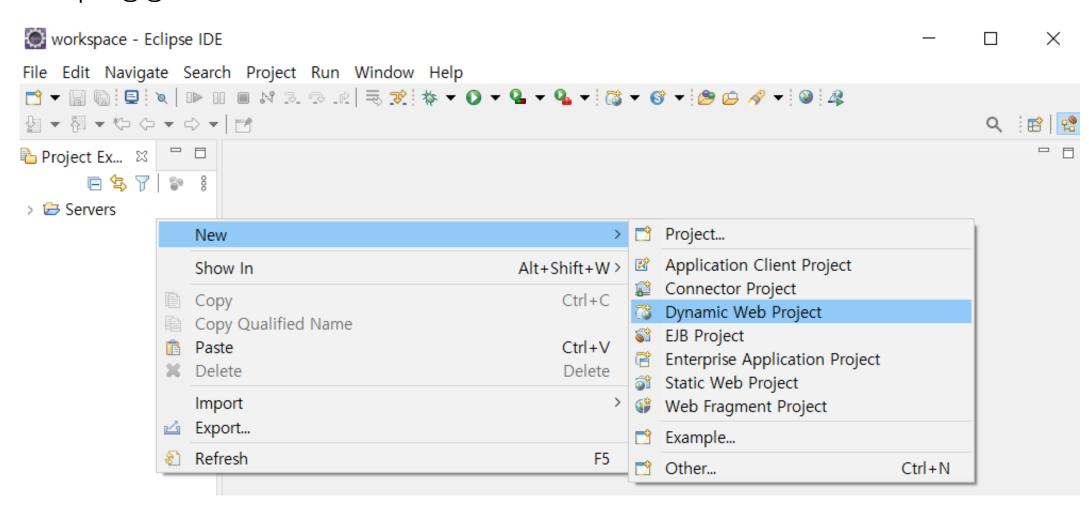
Local 저장소 입력



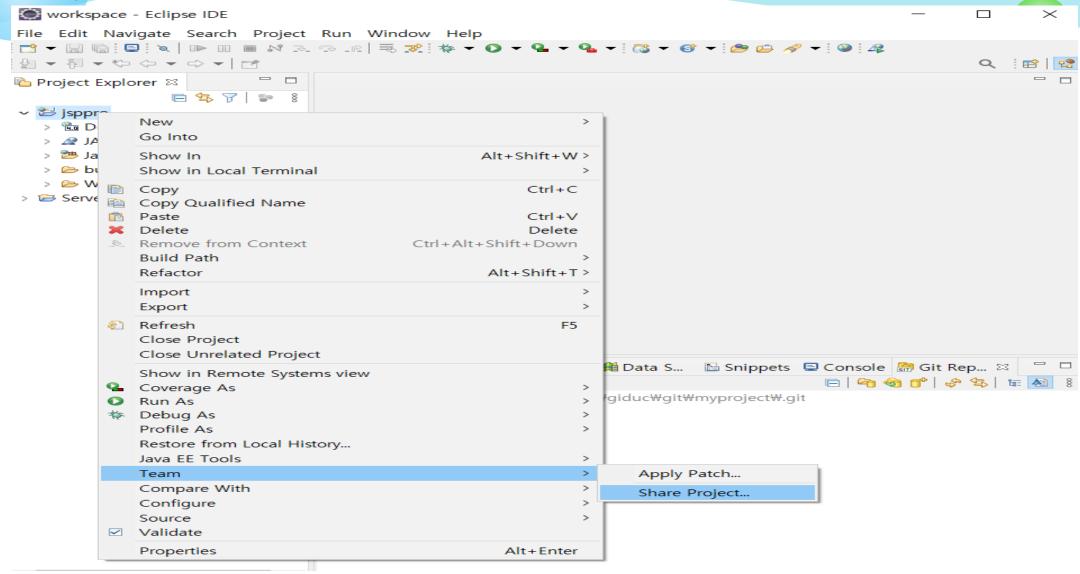
❖ Local Repository 생성



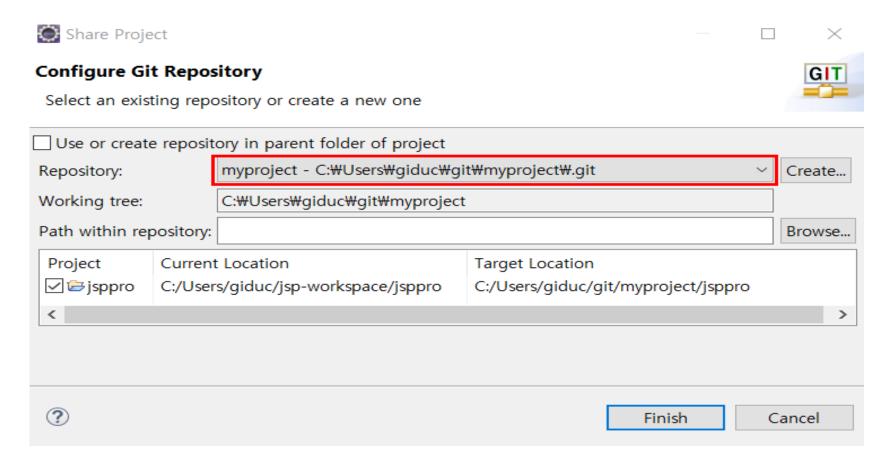
❖ 프로젝트 생성



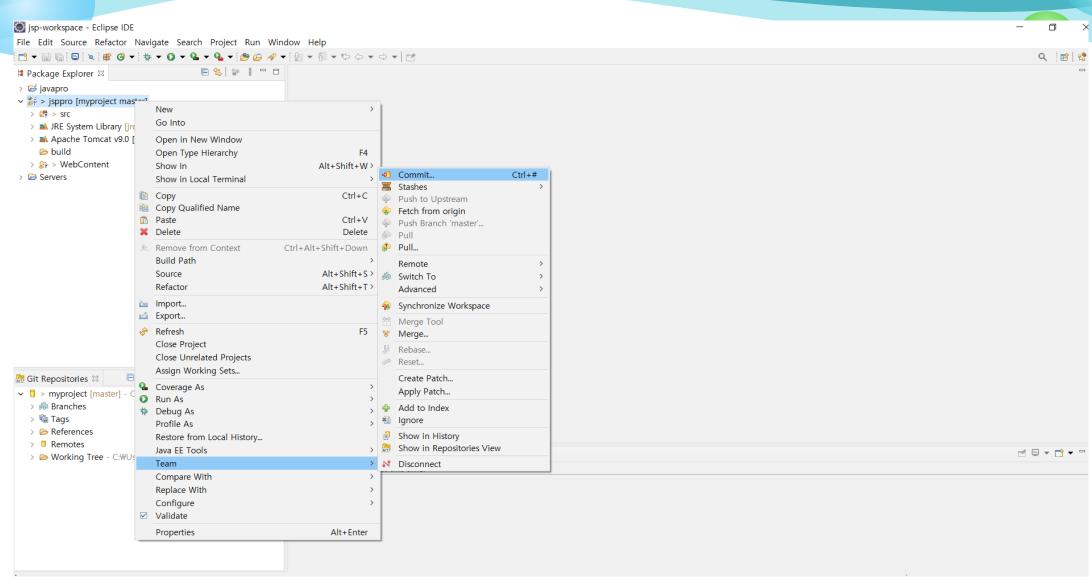
❖ Workspace와 Local 저장소 연결



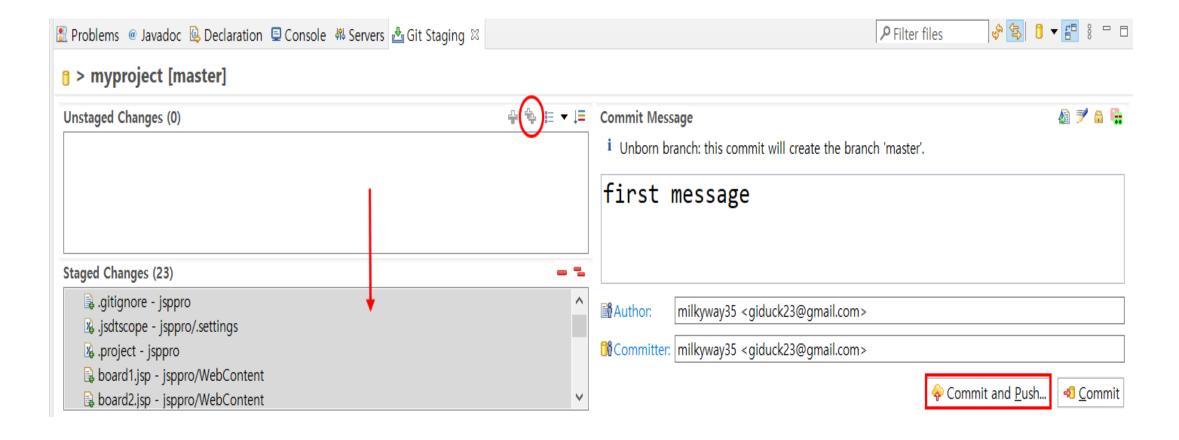
❖ Workspace와 Local 저장소 연결 프로젝트 선택 – Team – Share Project 선택



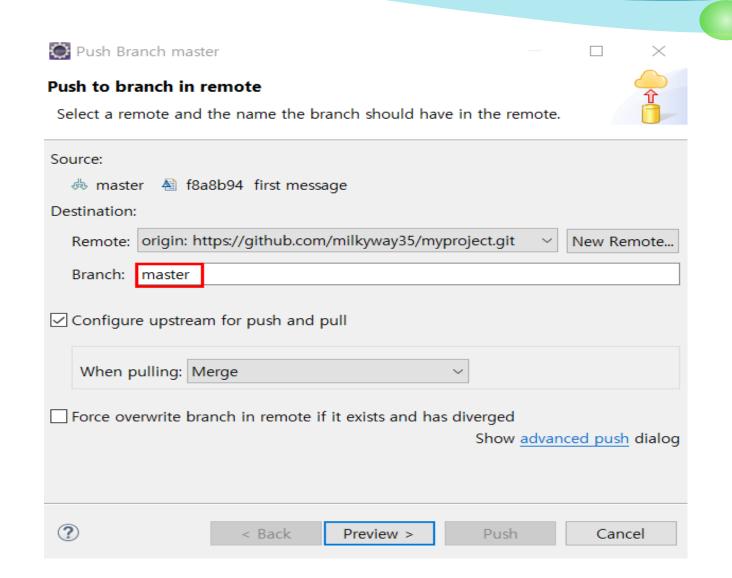
Commit



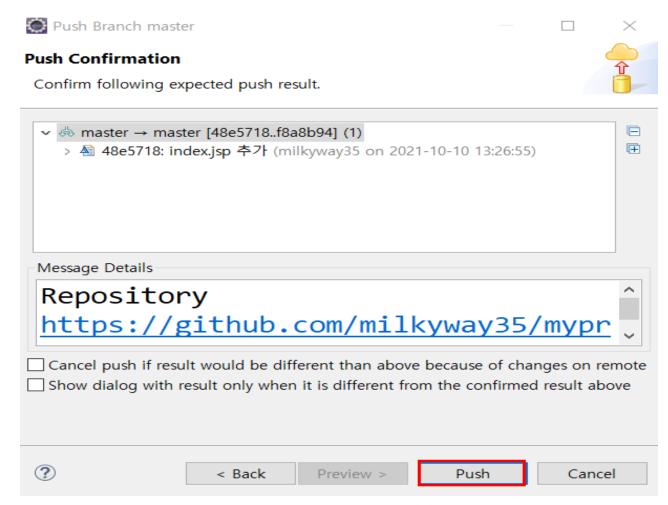
❖ Commit 변경된 내용을 stage에 추가하고 message를 입력한 후에 Commit and Push 버튼 클릭한다.



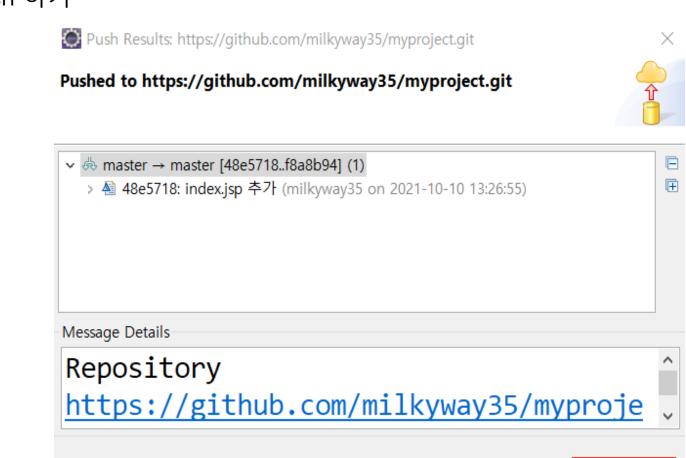
❖ master branch로 push 하기



🧇 master branch로 push 하기

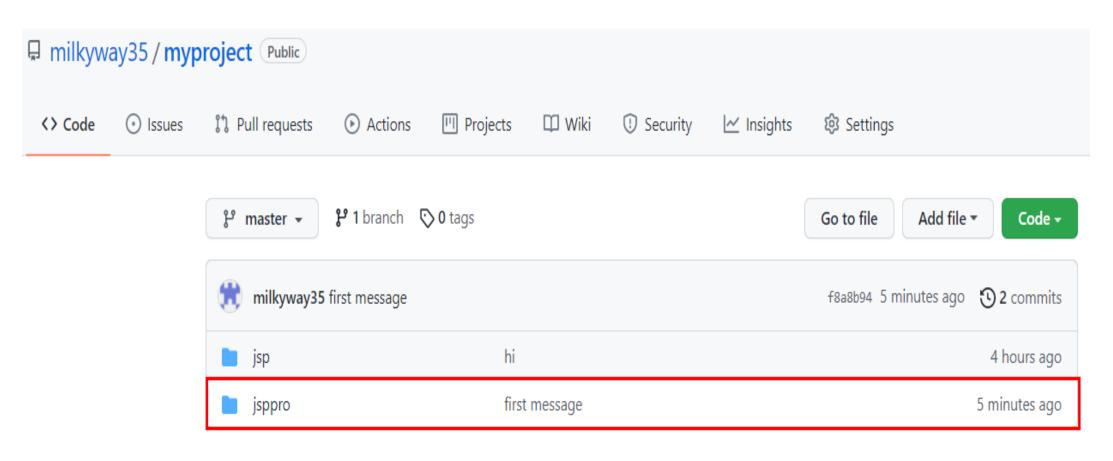


❖ master branch로 push 하기

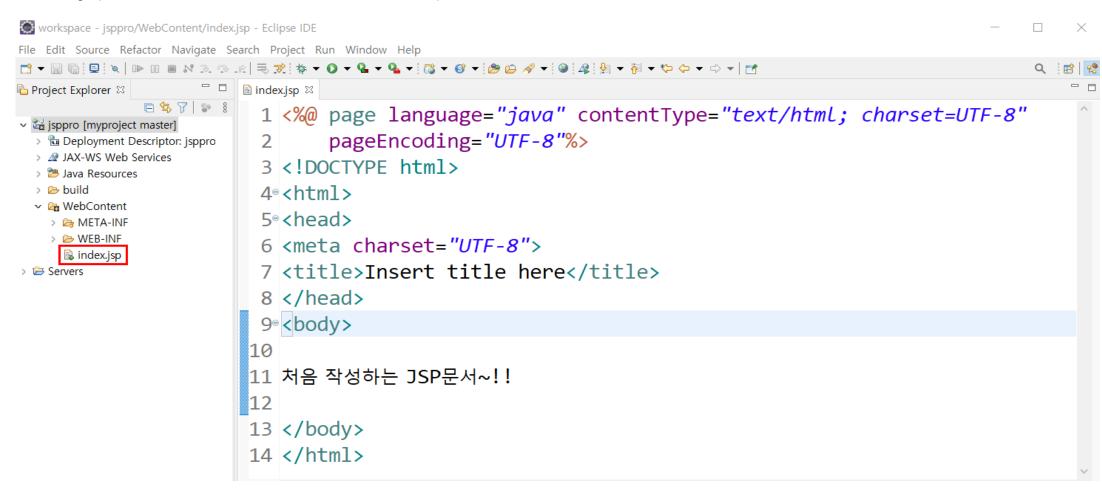


Close

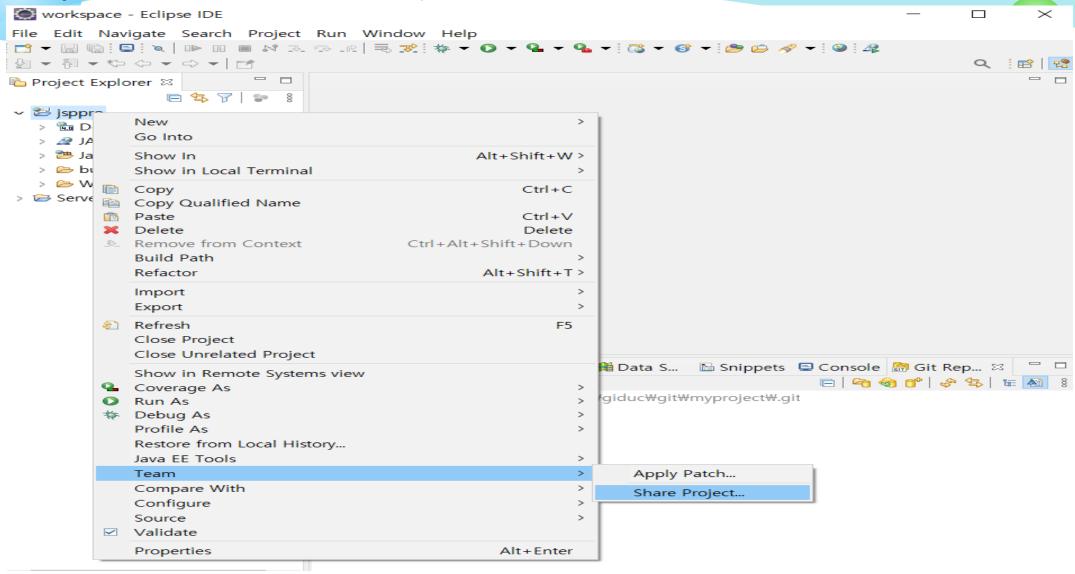
❖ Github 사이트에서 push 결과 확인



❖ Index.jsp 파일 생성후 원격 저장소에 push 하기

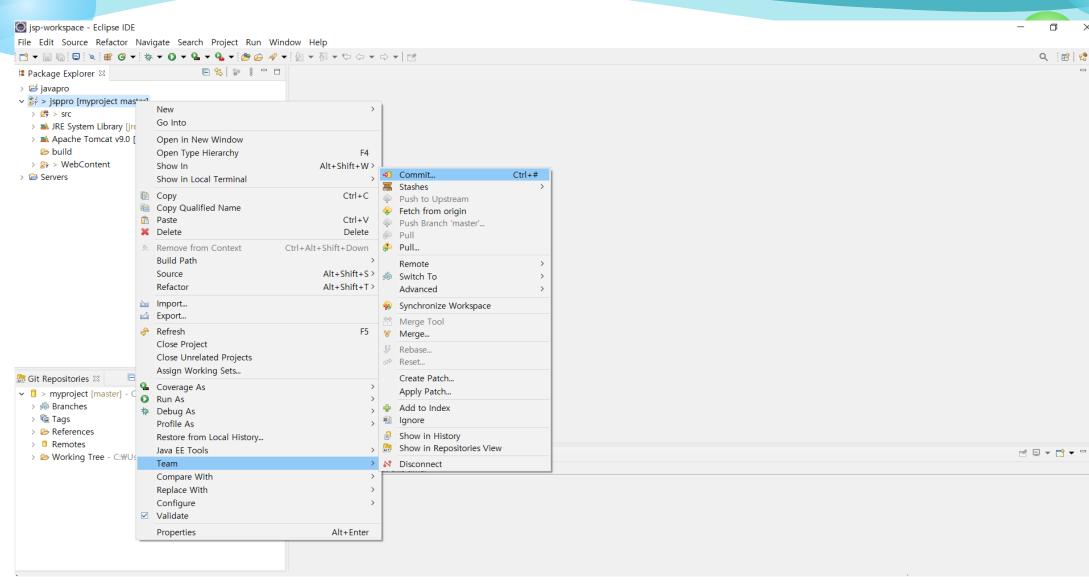


❖ Index.jsp 파일 생성후 원격 저장소에 push 하기

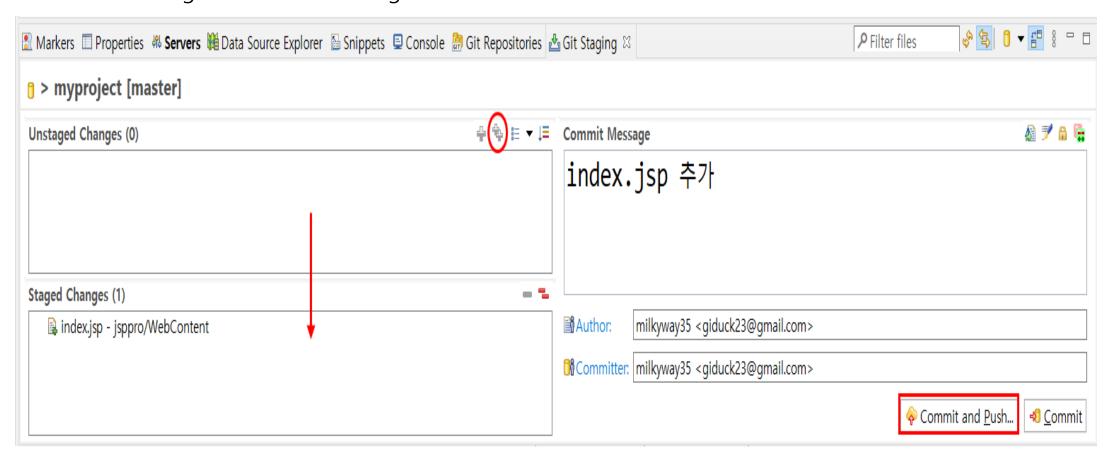


Local Repository 연결 프로젝트 선택 - Team - Share Project 선택 Share Project Configure Git Repository Select repository location Use or create repository in parent folder of project Project Location Repository ..₩.git Create Repository ₩.git ? Cancel Finish

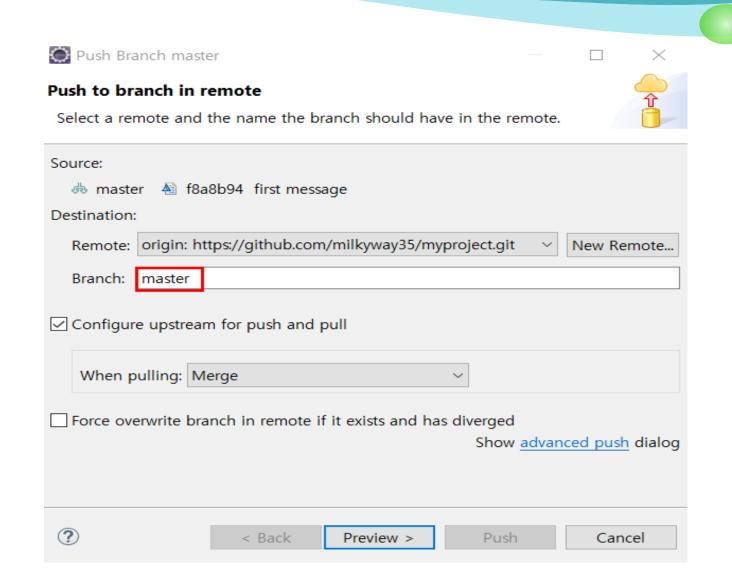
Commit



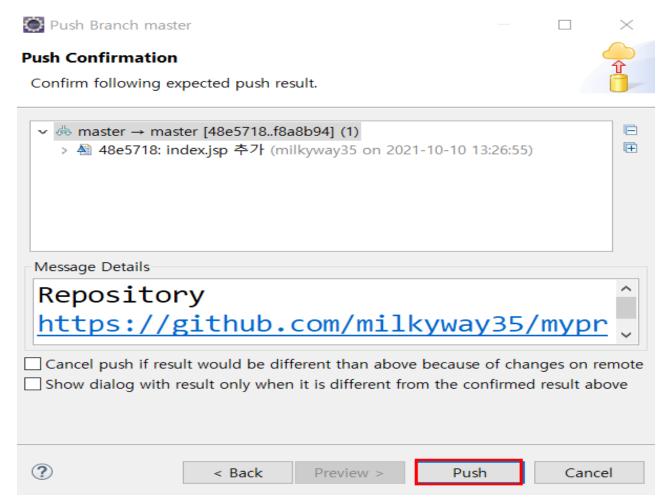
❖ Commit 변경된 내용을 stage에 추가하고 message를 입력한 후에 Commit and Push 버튼 클릭한다.



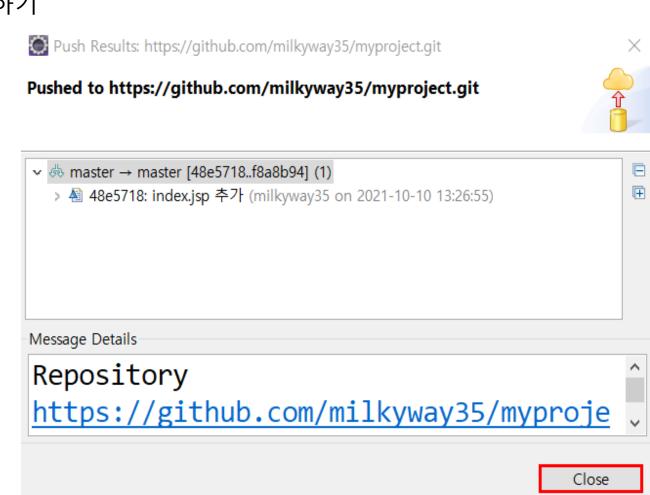
🌺 master branch로 push 하기



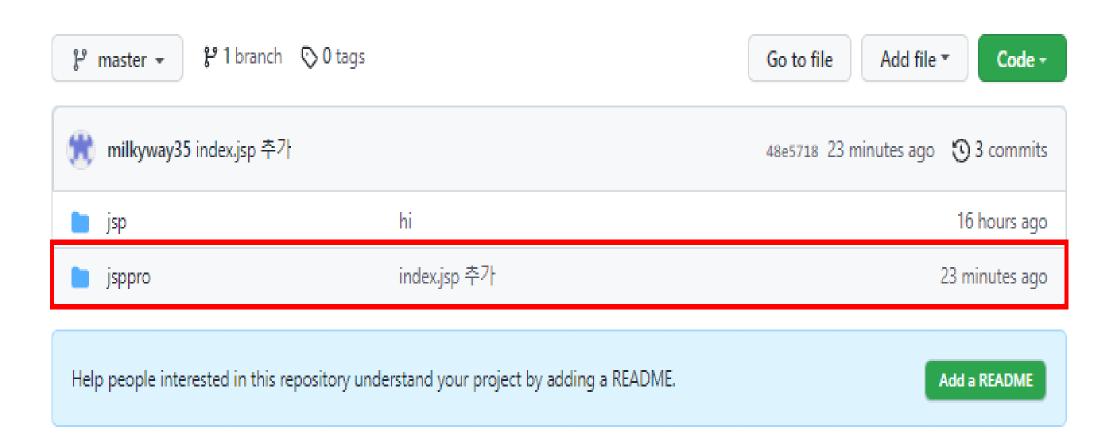
🦫 master branch로 push 하기



❖ master branch로 push 하기

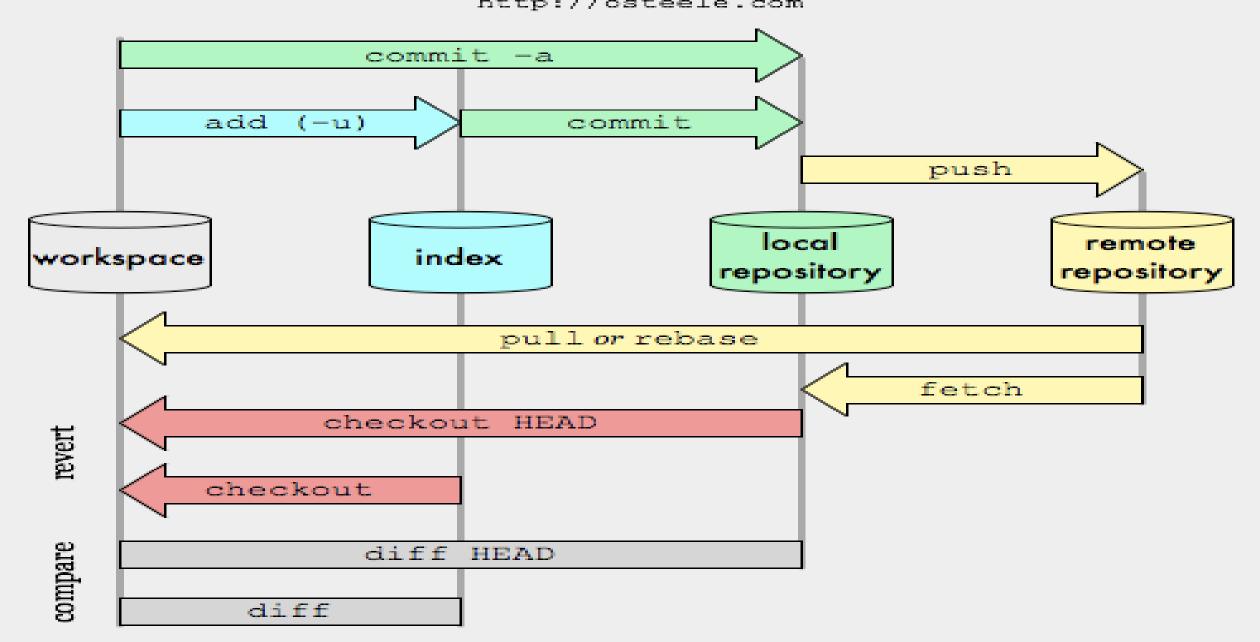


❖ Github 사이트에서 push 결과 확인



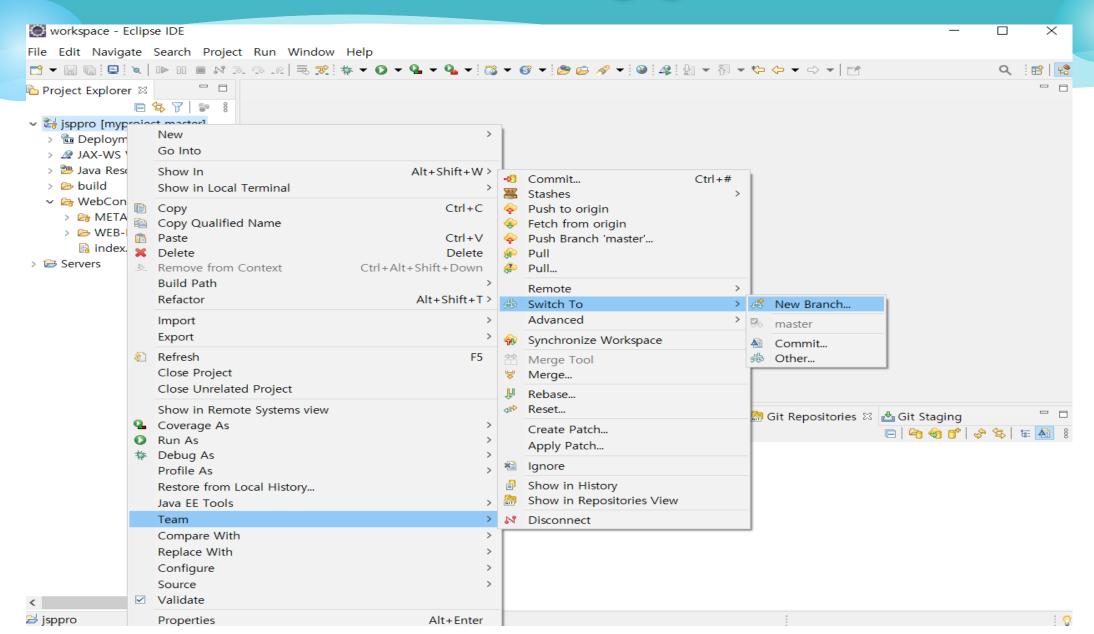
Git Data Transport Commands

http://osteele.com



협업하기

Branch 생성



Branch 생성

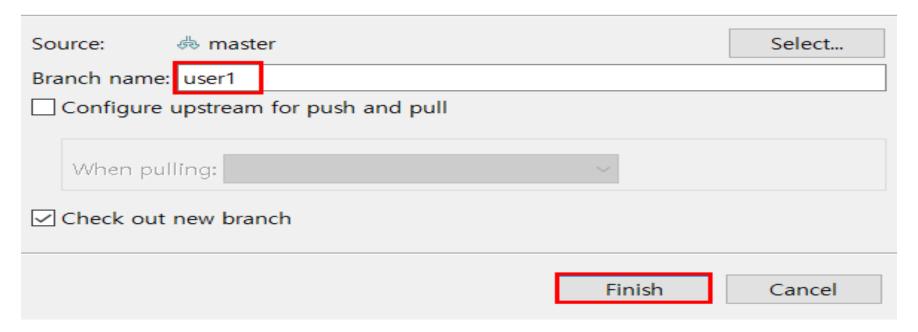
 \times

❖ user1 branch 생성



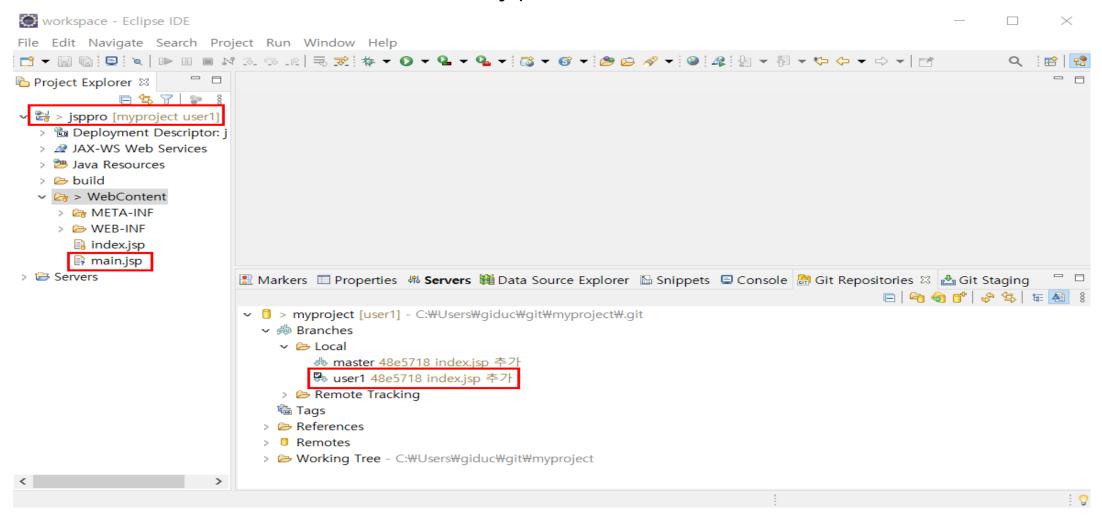
Create a new branch in repository myproject

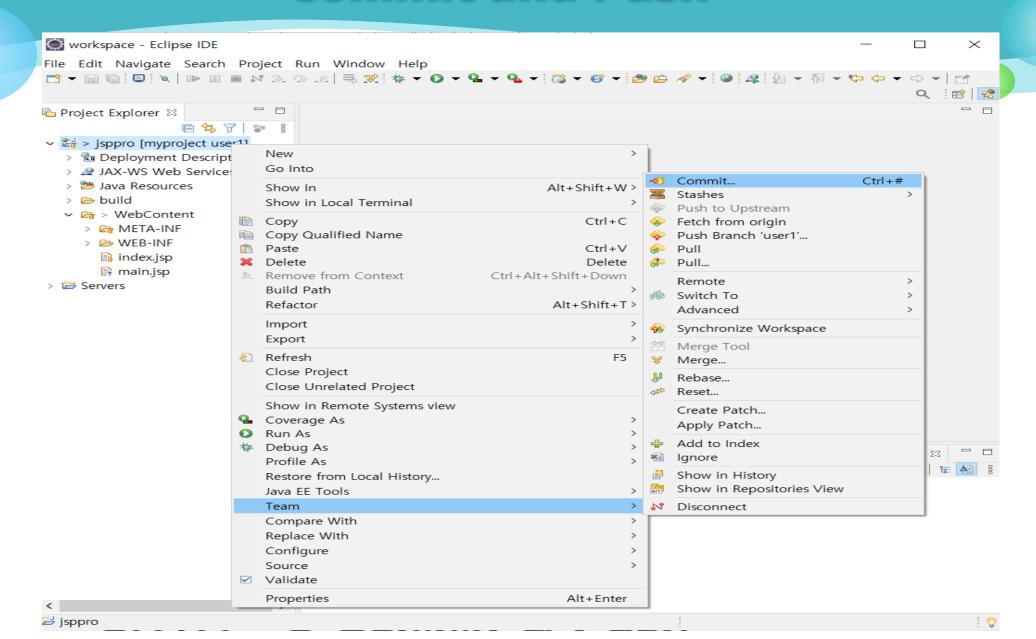
Please choose a source branch and a name for the new branch



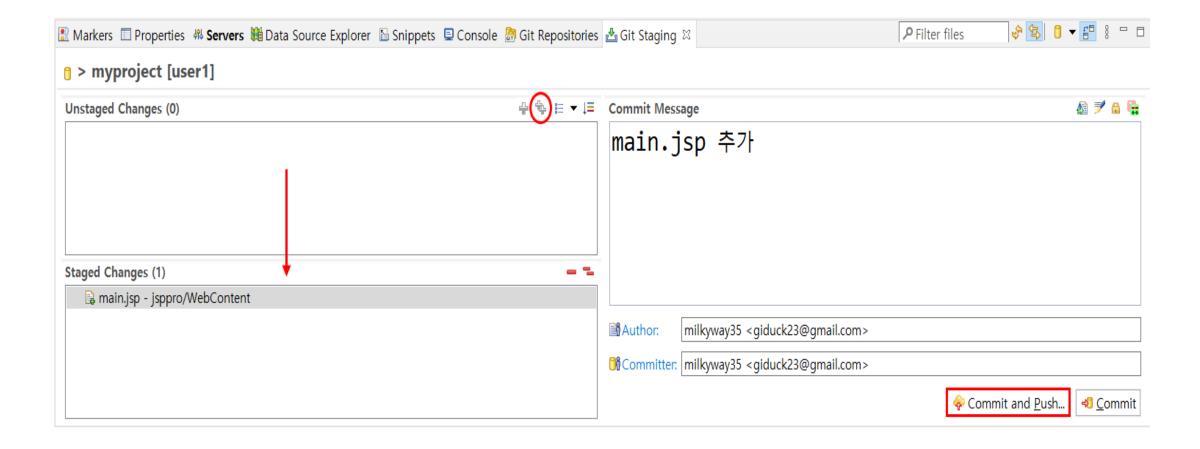
Branch 생성

❖ user1 branch 생성 및 새로운 파일 생성(main.jsp)

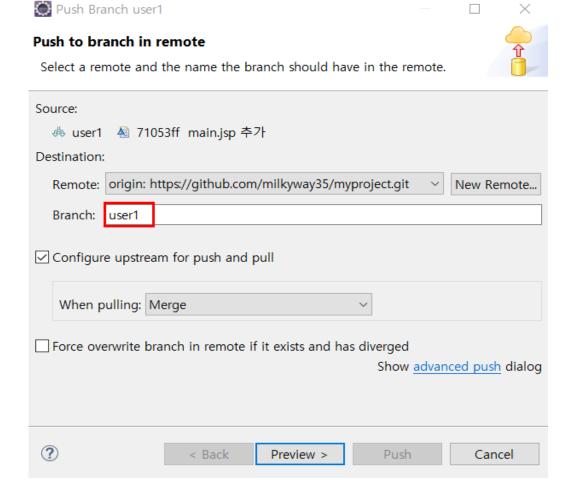




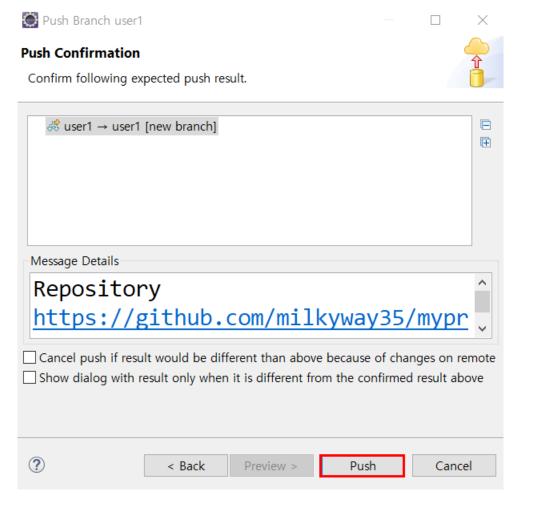
❖ 새로운 작업 후 Commit and Push

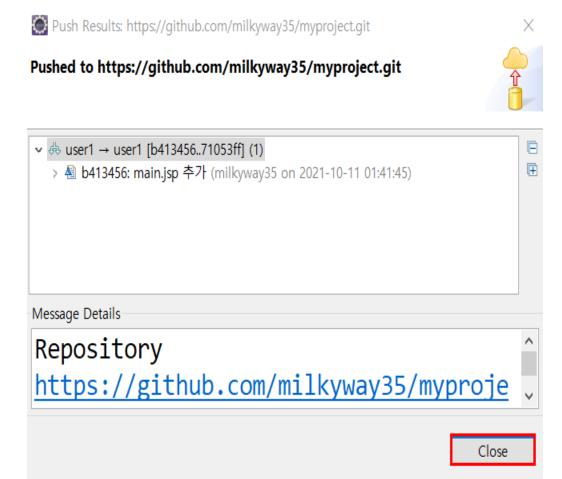


❖ user1 branch 로 push하기



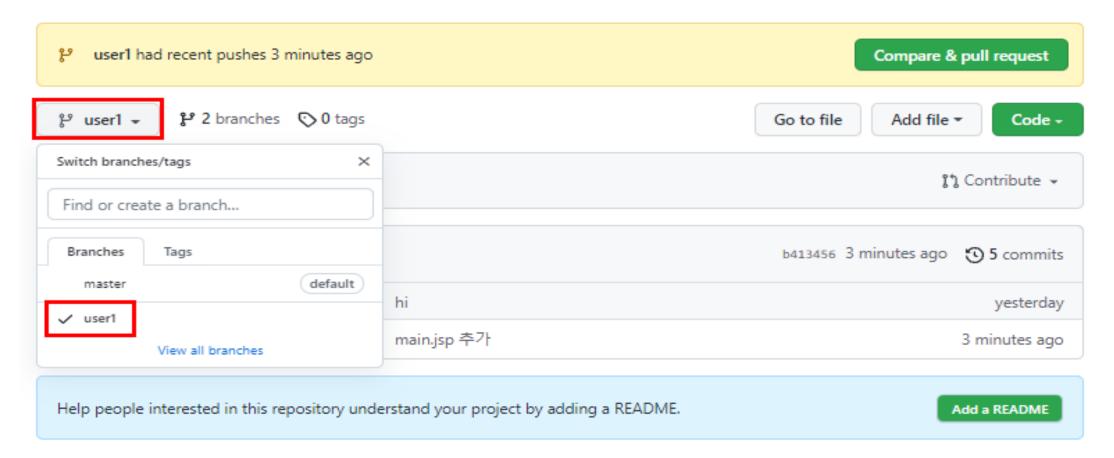
❖ user1 branch 로 push하기





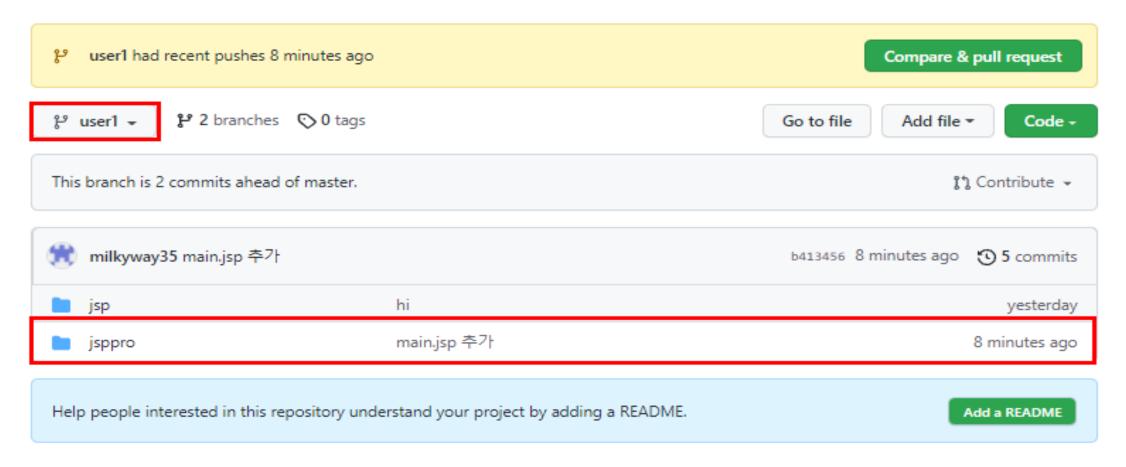
user1 branch push 결과 확인

❖ Github 사이트에서 push 결과 확인



user1 branch push 결과 확인

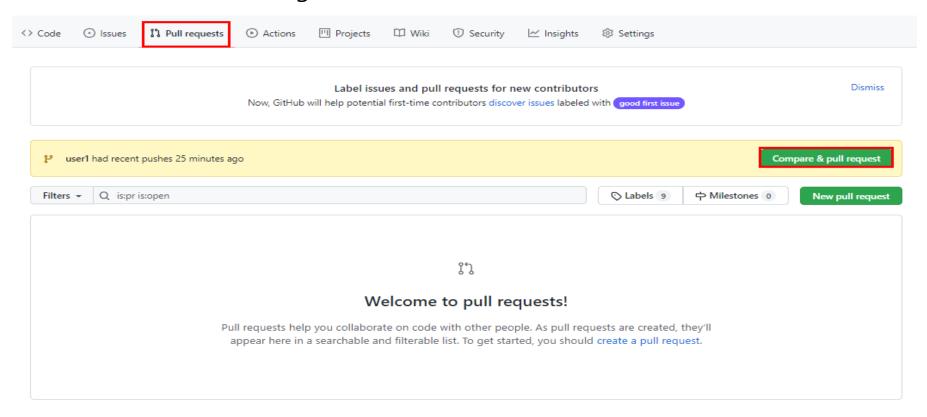
❖ Github 사이트에서 push 결과 확인



Pull Request

❖ Pull Request 란 ?

기능 개발을 끝내고 master에 바로 병합(merge)하는 것이 아니라 branch를 중앙 원격 저장소에 올리고 master에 병합(merge) 해달라고 요청 하는 것을 의미한다.

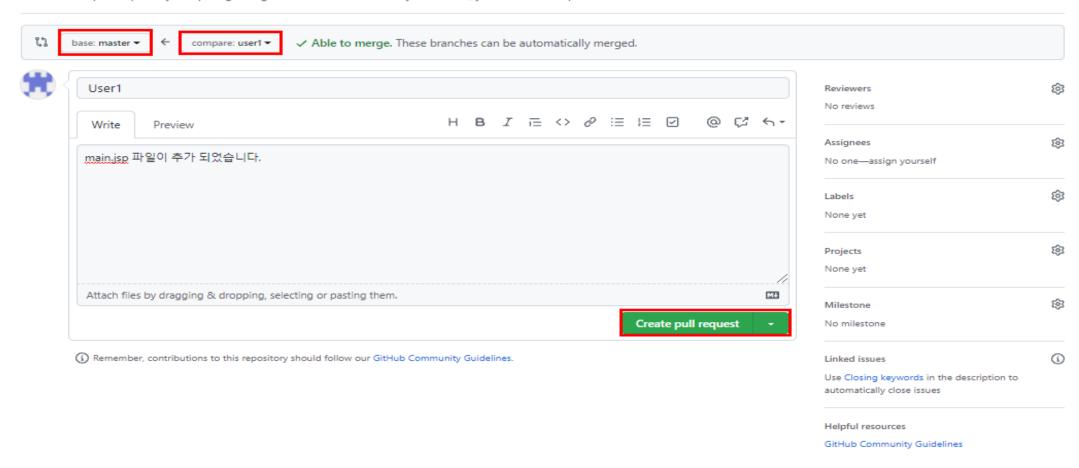


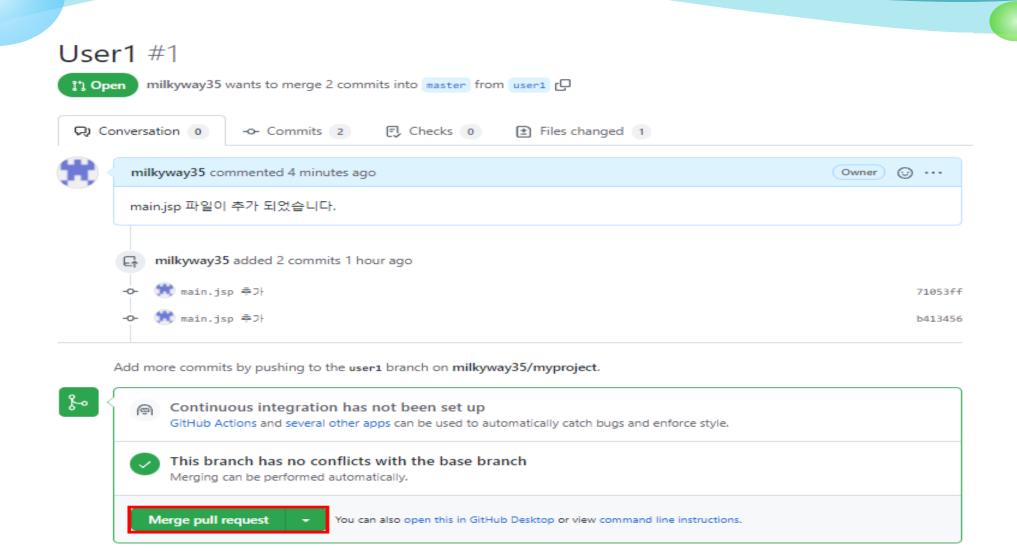
Pull Request

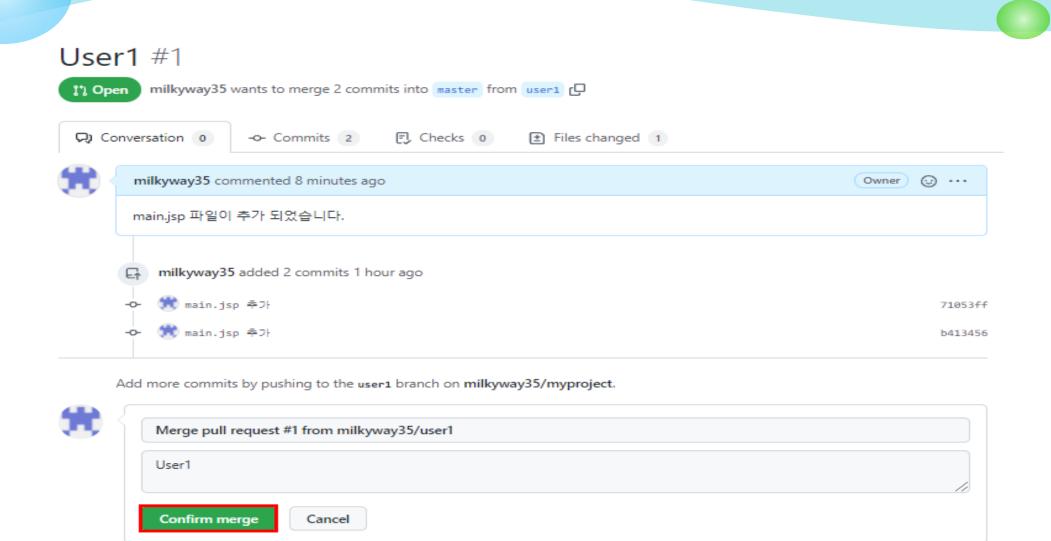
Pull Request

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

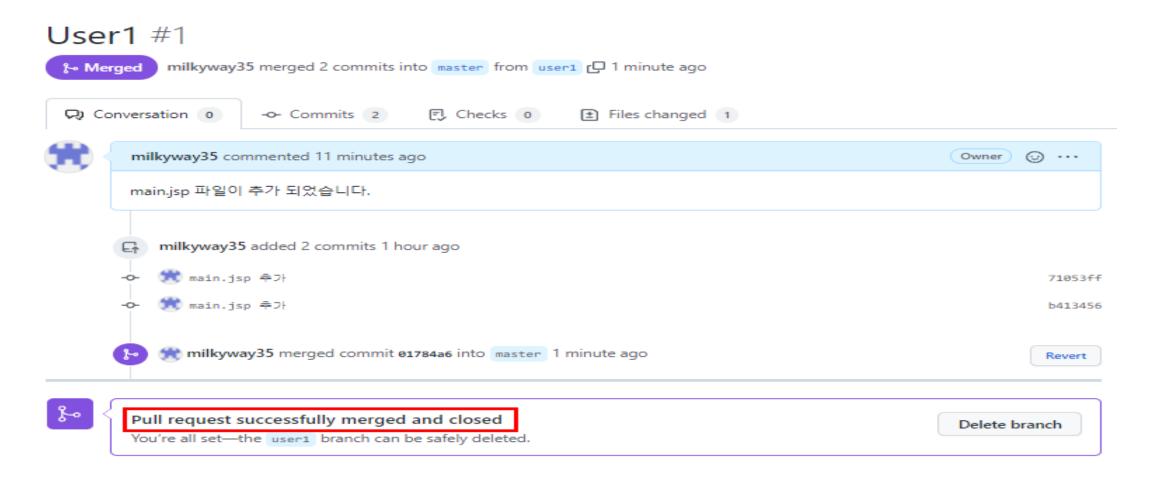




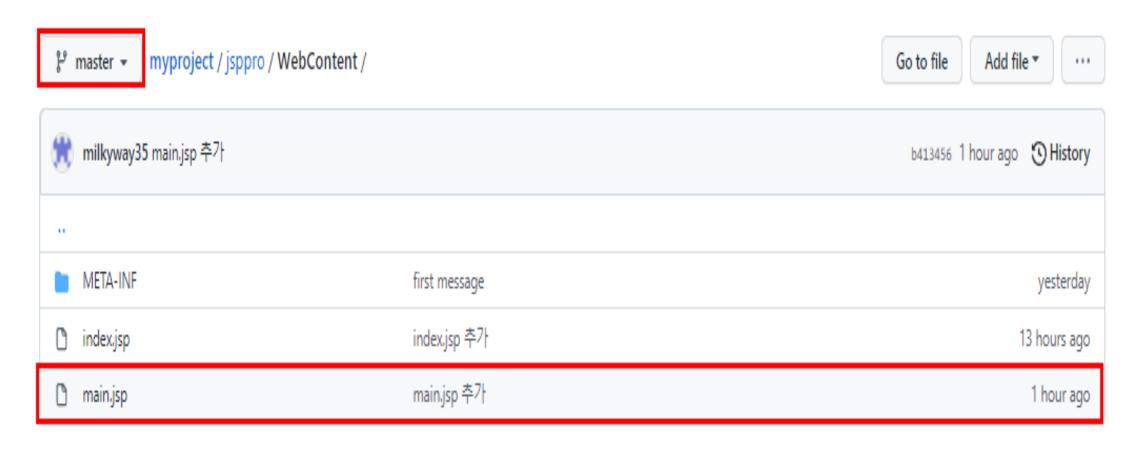


merge 완료

merge 할때 충돌이 발생하면, 충돌이 발생하는 소스 코드를 직접 수정 후 merge 할 수 있다.



❖ merge 결과 확인 user1 branch에서 master branch로 merge한 결과 master branch에 main.jsp 파일이 추가 되었다.

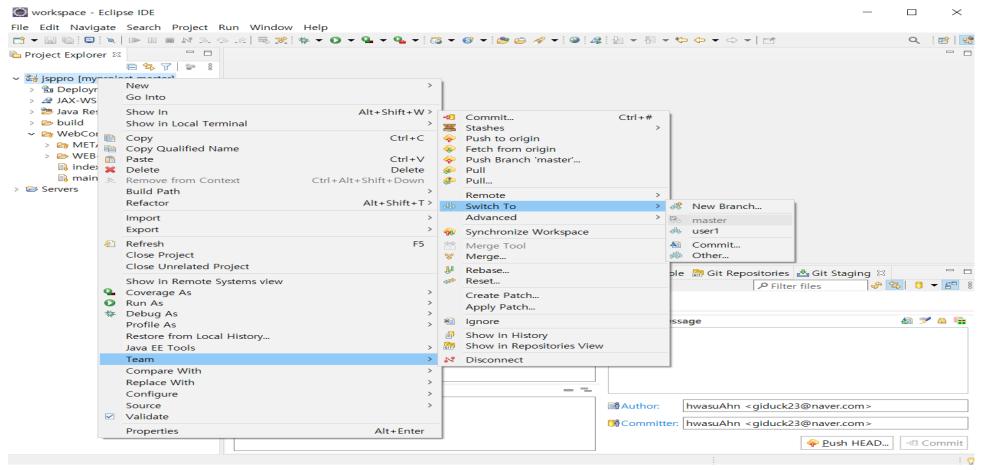


pull

- pull
- 원격 저장소의 내용을 로컬 저장소로 가져 오는 것
- 다른 작업자가 수정한 사항을 자신의 로컬 저장소에 반영 하는 것
- commit을 하기 전에 pull 을 수행하면 충돌이 발생하는 것을 줄일 수 있다.
- Git Bash 에서 pull 수행 방법
 git pull [원격 저장소 이름] [원격 저장소 브랜치 이름]
 git pull origin master

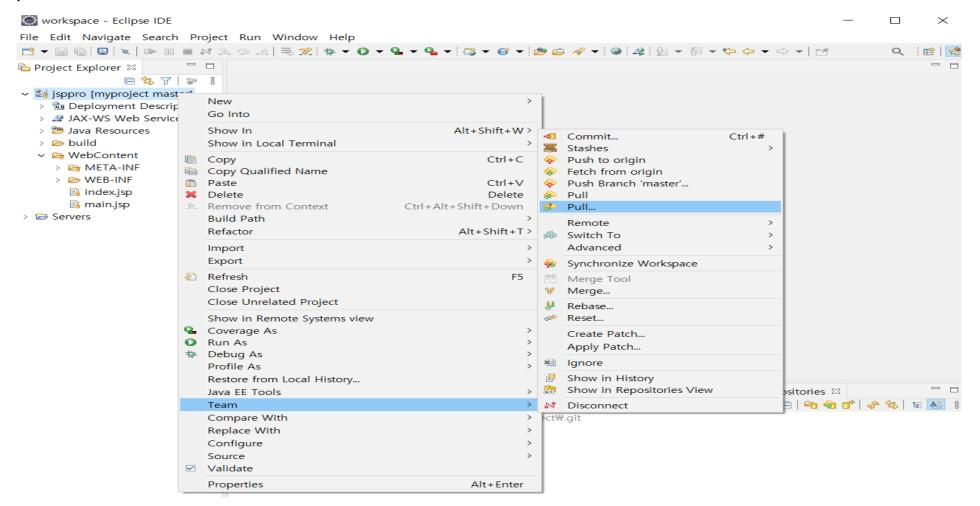


❖ master branch pull 하기 : master branch로 변경



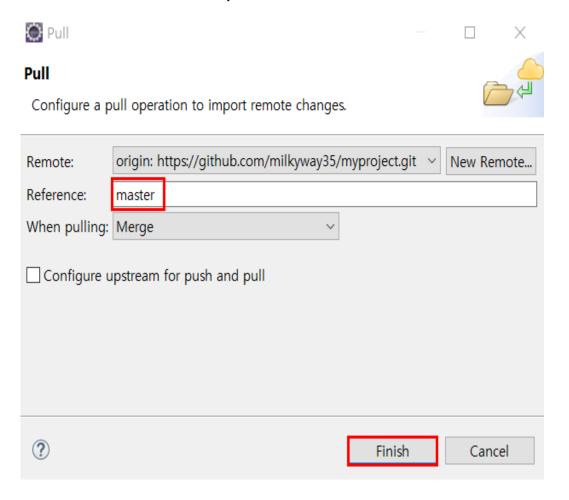
pull

❖ pull 메뉴 선택

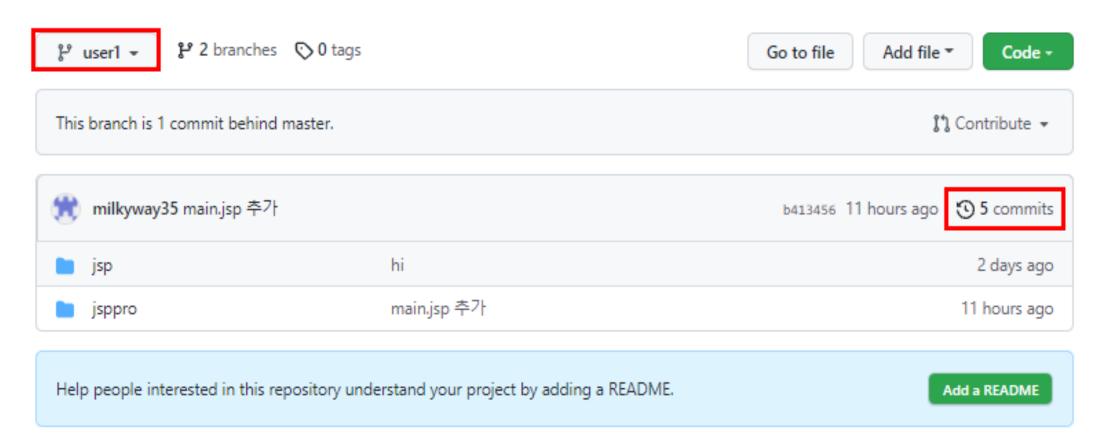


pull

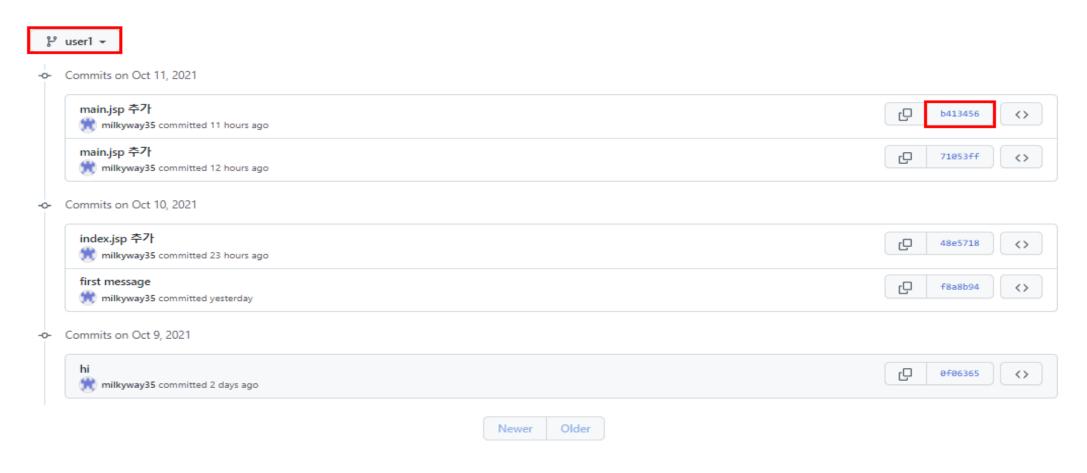
❖ master branch에서 pull하기



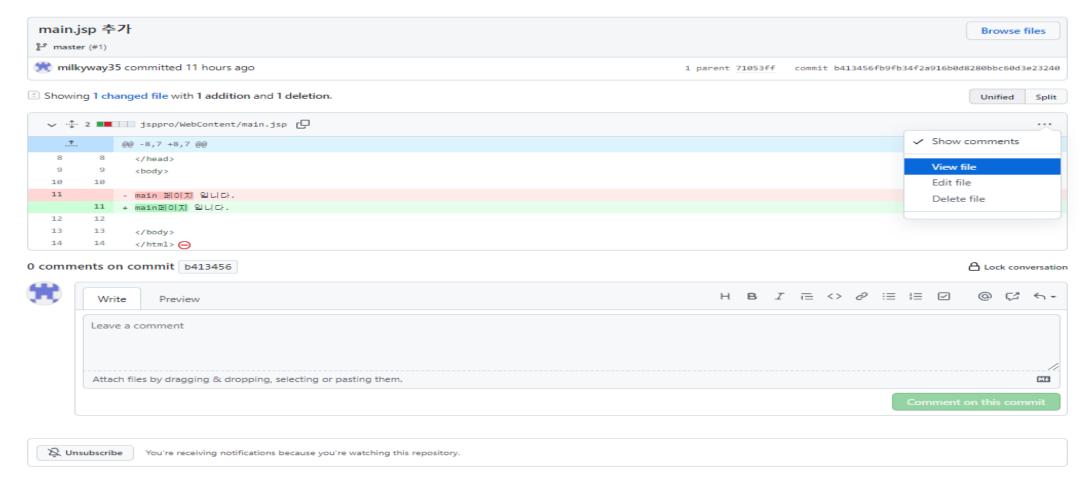
user1 branch의 history 확인하기



❖ user1 branch의 history 확인하기



❖ user1 branch의 history 확인하기



❖ user1 branch의 history 확인하기

