



이클립스를 이용한 협업

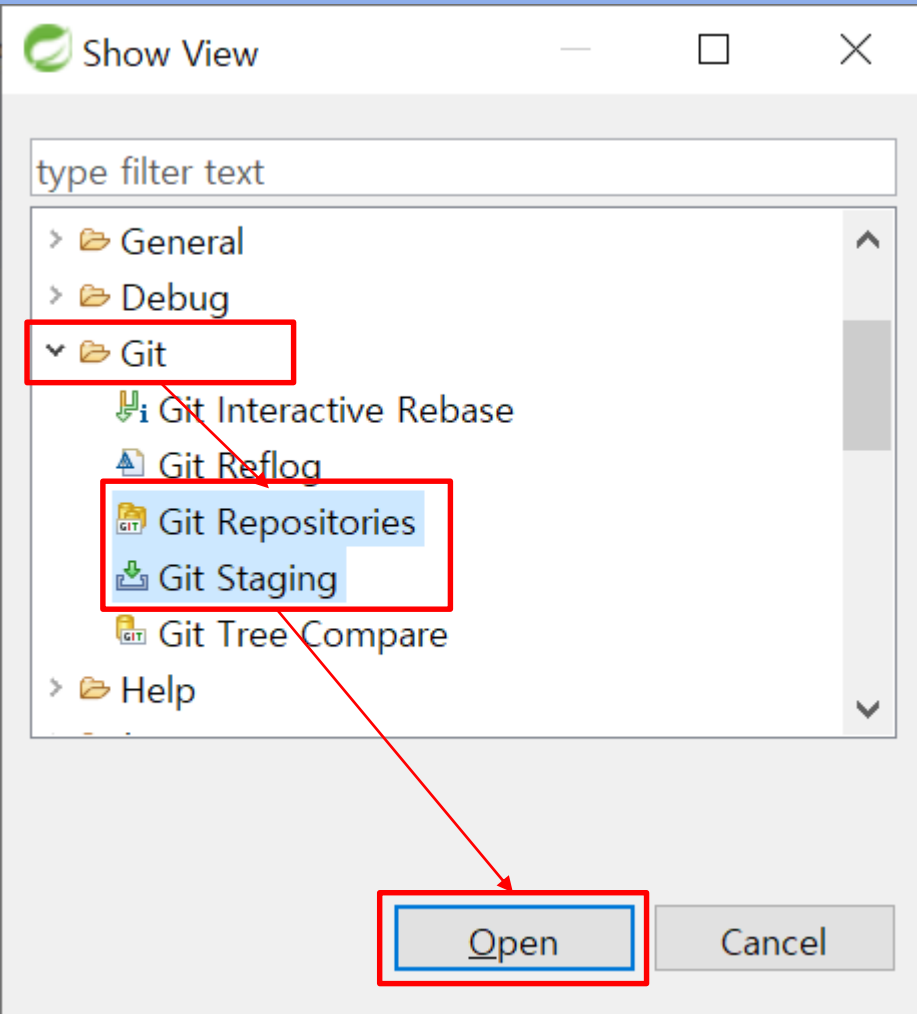
1. (공통) 조장 1명과 조원 1명이 STS와 Git/github을 이용해 협업하는 시나리오입니다.

기본 환경

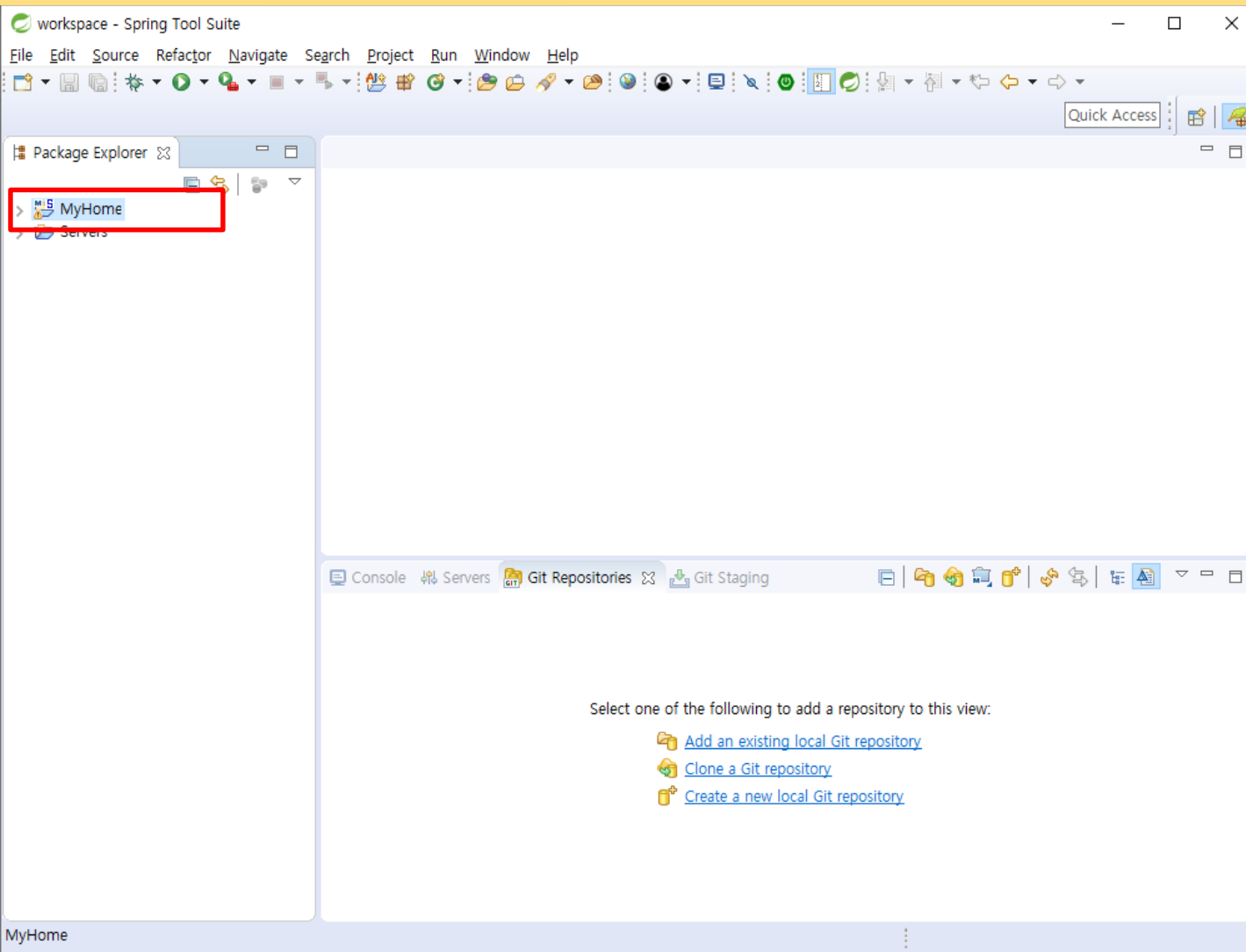
1. 조장
itlecture
2. 조원
koreaitlecture
3. 프로젝트명
MyHome
4. 워크스페이스
D:\workspace\MyHome

2. (공통) STS에 Git Repositories, Git Staging 뷰(View)를 추가합니다.

Window - Show View - Other... - Git



3. (조장) 본인의 workspace에 MyHome 프로젝트를 만듭니다.



4. (조장) MyHome 프로젝트를 로컬저장소로 지정합니다.

workspace - Spring Tool Suite

File Edit Navigate Search Project

Package Explorer

MyHome

Servers

Create a Git Repository

Create a New Git Repository

Directory D:\workspace\MyHome is not empty

Repository directory: D:\workspace\MyHome

☐ Create as bare repository

Finish

Cancel

Git Repositories

Select one of the following to add a repository to this view:

Add an existing local Git repository

Clone a Git repository

Create a new local Git repository

로컬 레파지토리
MyHome 생성 완료

Package Explorer

MyHome [MyHome NO-HEAD]

Servers

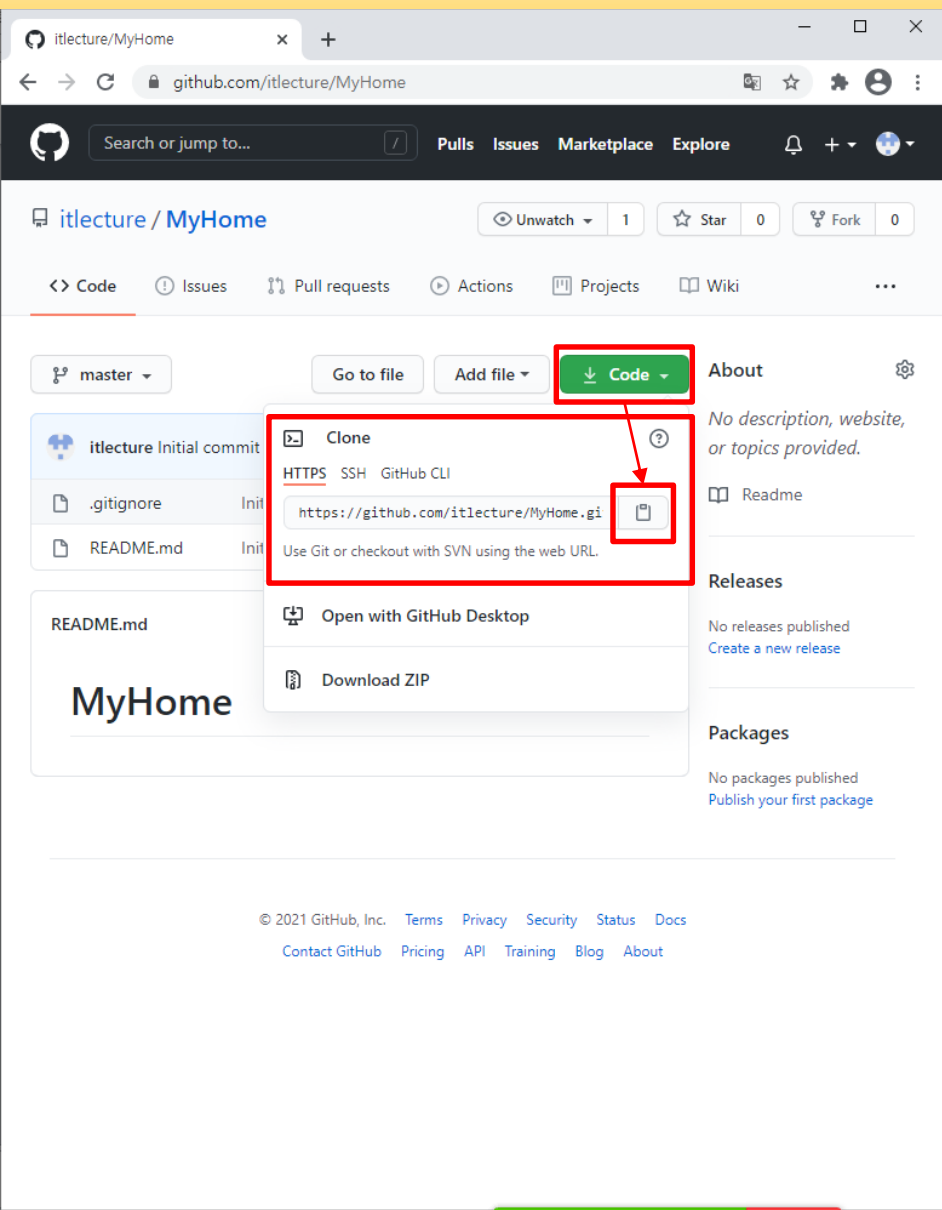
5. (조장) github.com 접속해서 MyHome 레파지토리를 만듭니다. master 브랜치가 생깁니다.

The screenshot shows the GitHub 'Create a New Repository' page. Red boxes and arrows highlight the following steps:

- Owner and Repository name:** The 'Owner' dropdown is set to 'itlecture' and the 'Repository name' is 'MyHome'.
- Visibility:** The 'Public' radio button is selected.
- Initialization:** The 'Add a README file' and 'Add .gitignore' checkboxes are checked. The '.gitignore template' is set to 'Java'.
- Create repository:** The 'Create repository' button is highlighted.

.gitignore를 생성하지만
gitignore.io 사이트에서 생성한 정보로 변경이 필요합니다.

6. (조장) MyHome 레파지토리를 원격저장소로 등록하기 위해서 MyHome 레파지토리의 URI를 복사합니다.



7. (조장) MyHome 프로젝트의 원격저장소로 MyHome 레파지토리를 등록합니다.

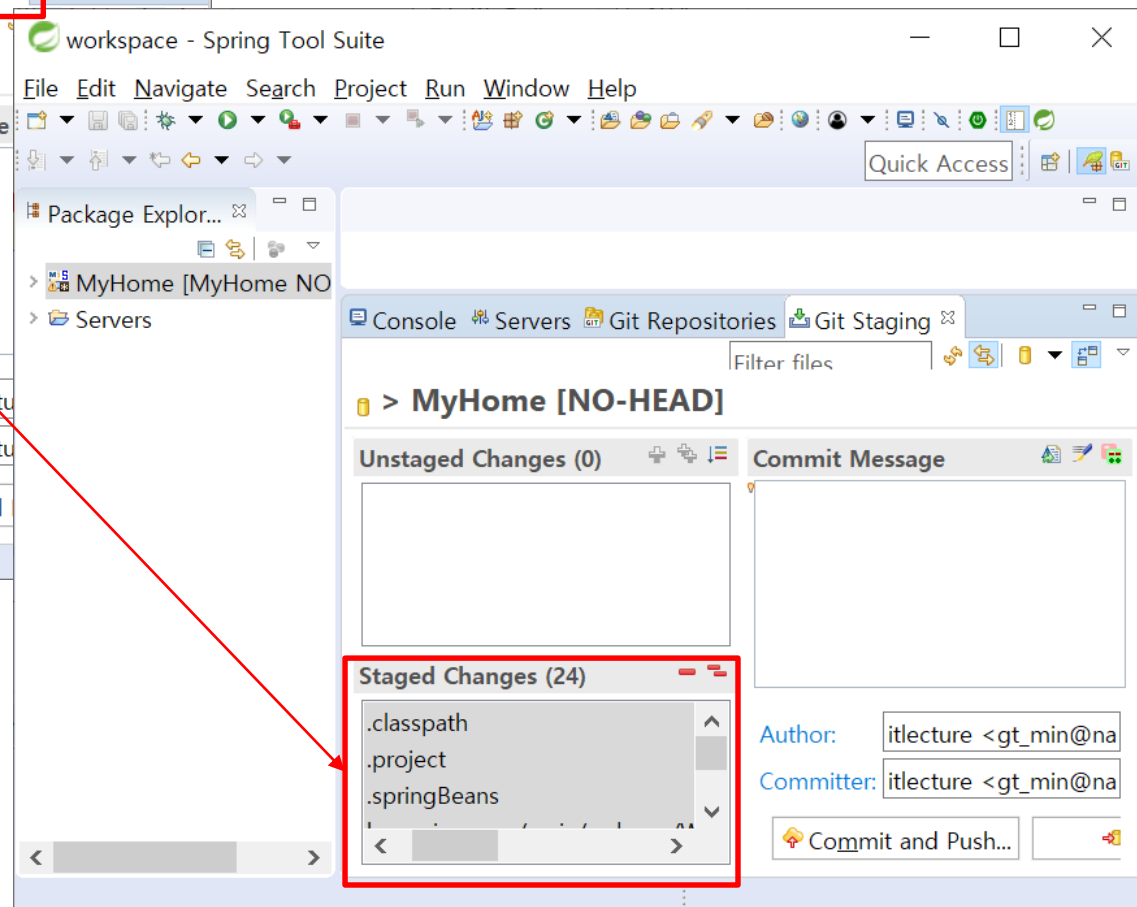
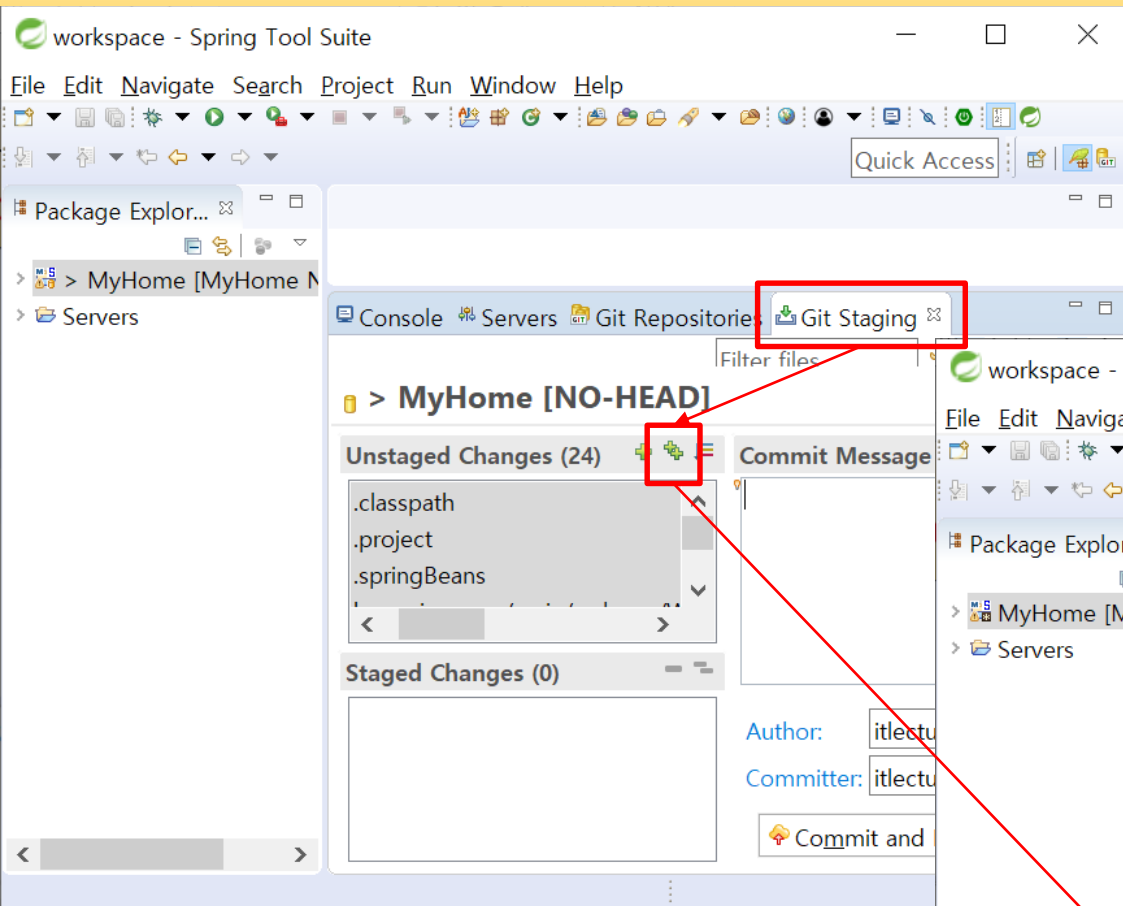
Git Repositories – MyHome – Remotes - 마우스 우클릭 – Create Remote...

The screenshot illustrates the steps to add a remote repository in Spring Tool Suite:

- Git Repositories View:** The 'MyHome [NO-HEAD]' repository is selected. A right-click context menu is open, showing the 'Create Remote...' option.
- New Remote Dialog:** A dialog box prompts for a name for the new remote. The name 'origin' is entered. The 'Configure push' option is selected.
- Configure Push Dialog:** A dialog box prompts for the source Git repository details. The URI is set to 'https://github.com/itlecture/MyHome.git'. The host is 'github.com'. The repository path is '/itlecture/MyHome.git'. The protocol is 'https'. The authentication details are set to 'User: itlecture' and 'Password: [masked]'. The 'Store in Secure Store' checkbox is checked. The 'Finish' button is highlighted.
- Buttons:** The 'OK' button in the 'New Remote' dialog and the 'Finish' button in the 'Configure Push' dialog are highlighted. The 'Save' button in the bottom bar is also highlighted.

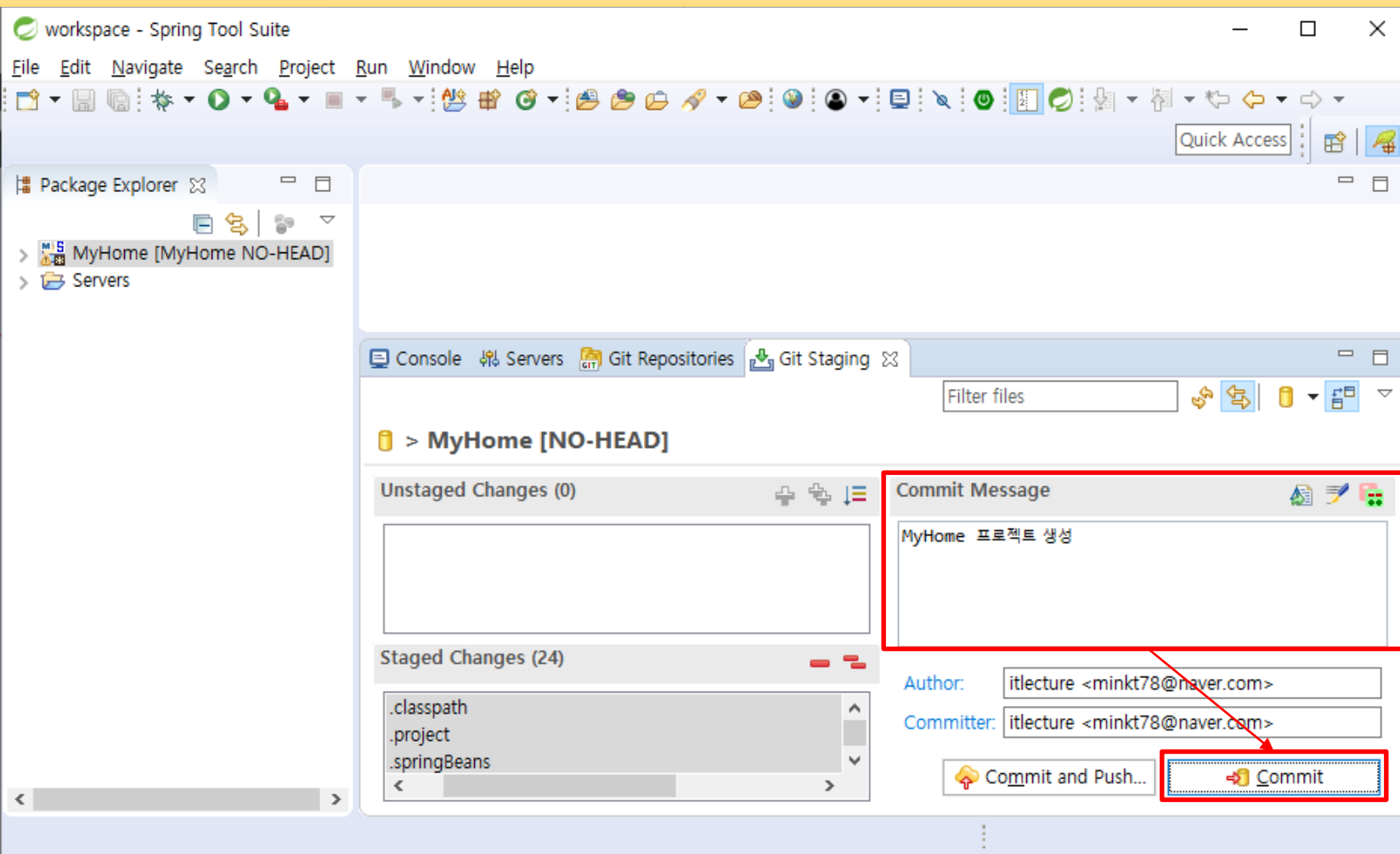
8. (조장) 커밋을 위해서 git add를 합니다. (staging)

Git Staging – Unstaged Changes - ++아이콘

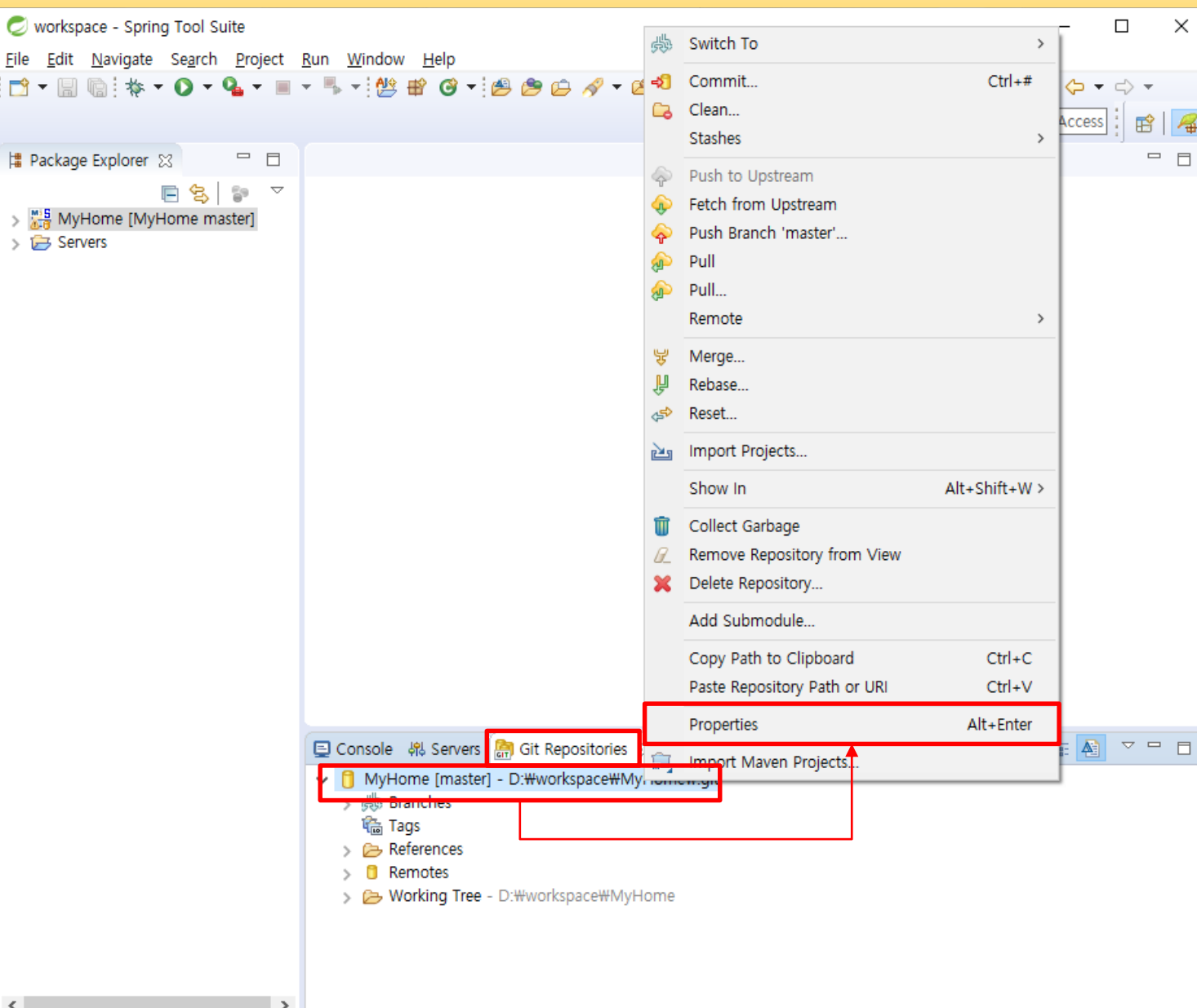


9. (조장) 커밋 메시지를 작성하고 Commit을 합니다.

Git Staging – Commit Message 작성 - Commit



10. (조장) MyHome 레파지토리(github.com)를 MyHome 프로젝트(D:\workspace\MyHome)로 내려 받는 Pull을 하기 위해 속성을 엽니다. **Git Repositories – MyHome 우클릭 - Properties**



11. (조장) 속성을 추가합니다.
Add Entry... Key : remote.origin.fetch / Value : +refs/heads/*:refs/remotes/origin/*

workspace - Spring Tool Suite

File Edit Na

Properties for MyHome

type filter text

Configuration Statistics

Configuration

Location: D:\workspace\MyHome\git\config Open

Key	Value
▼ core	
filemode	false
logallrefupdates	true
repositoryformatver	0

Add Entry... Remove

Add a configuration entry

Add a configuration entry

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

Key remote.origin.fetch

Value +refs/heads/*:refs/remotes/origin/*

OK

Cancel

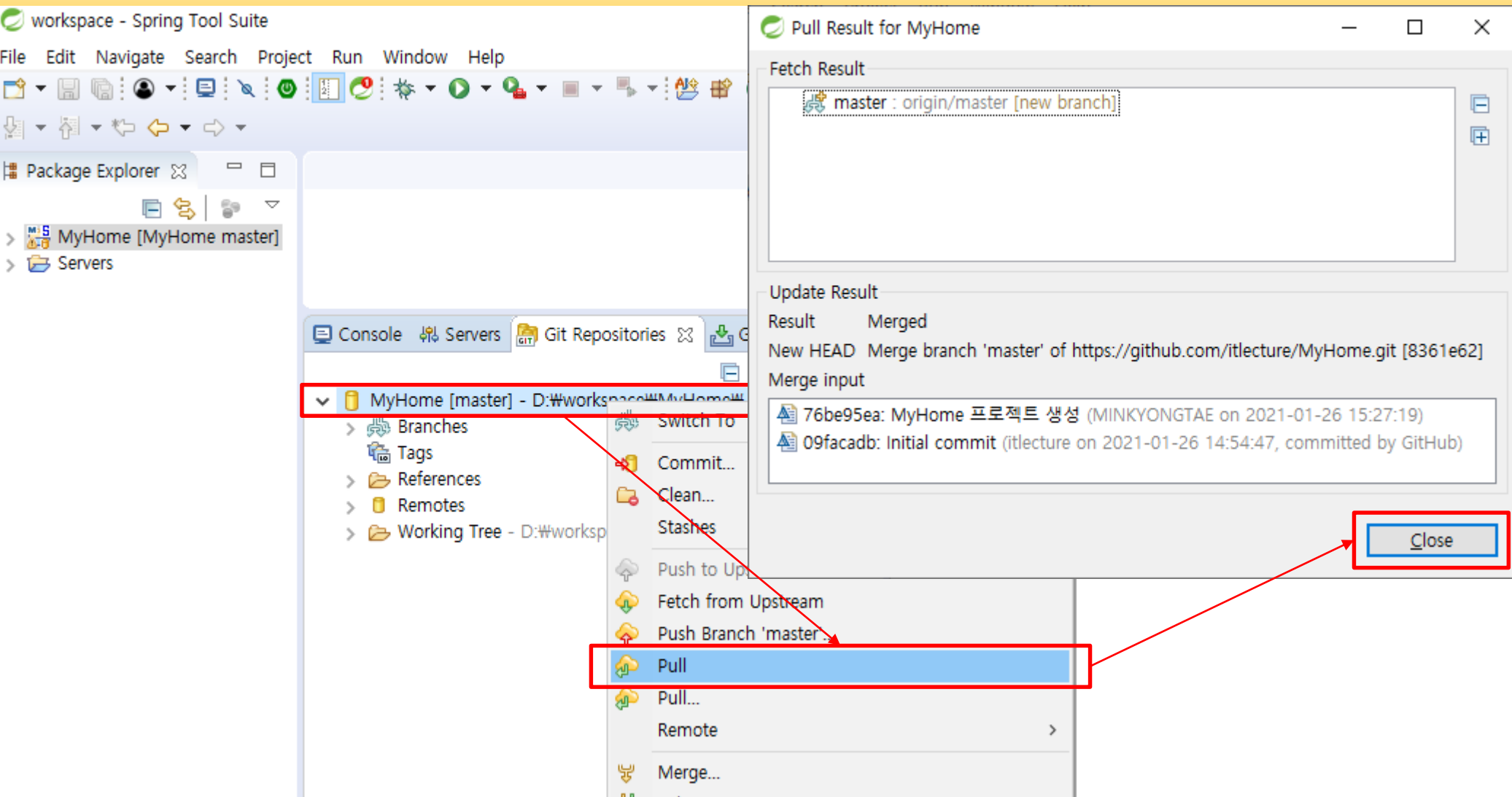
Apply and Close

Cancel

1 item selected

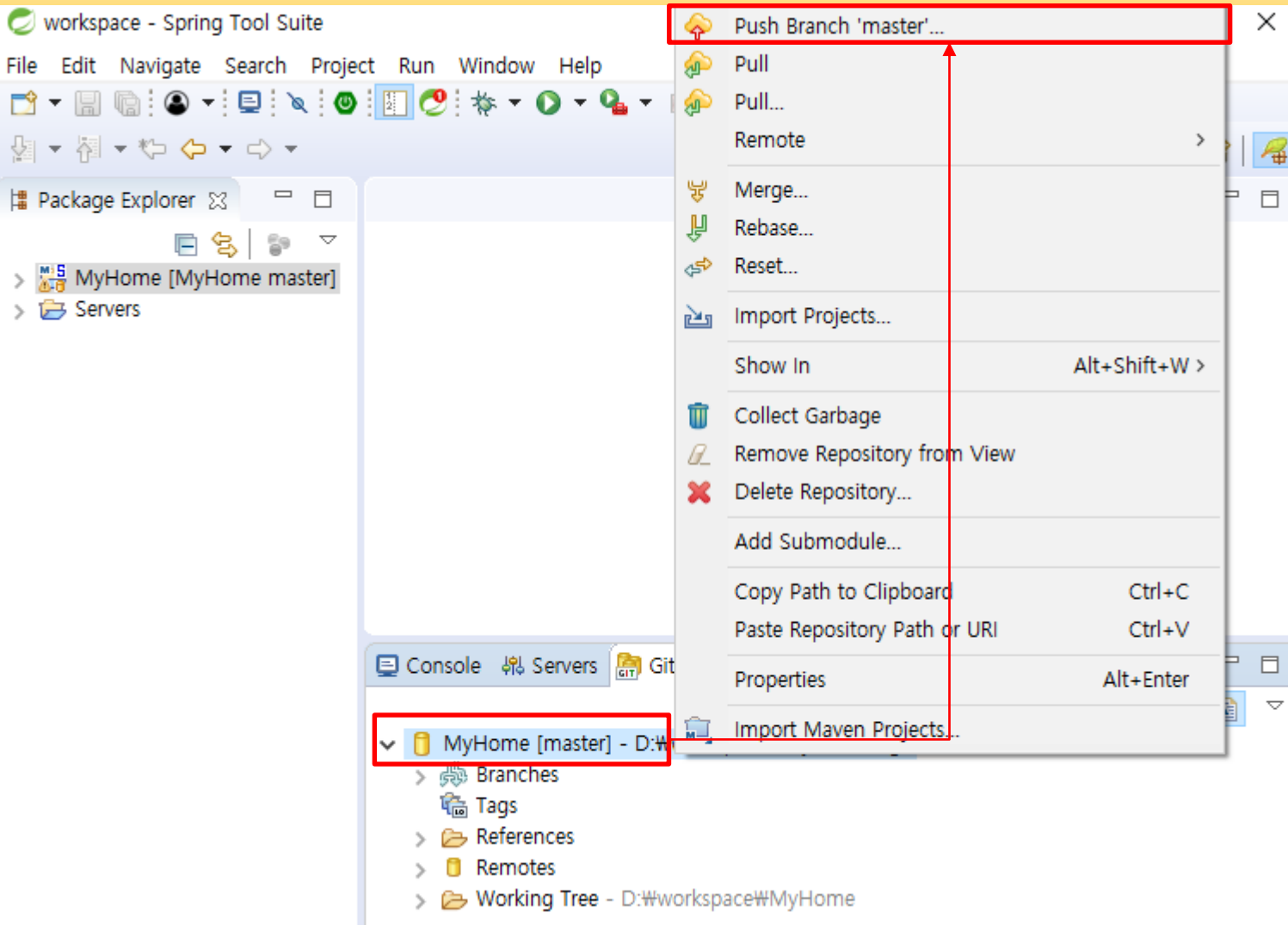
12. (조장) Pull합니다.

(Pull : github.com의 MyHome 레파지토리를 내려 받습니다. Pull을 먼저해야 Push가 가능합니다.)



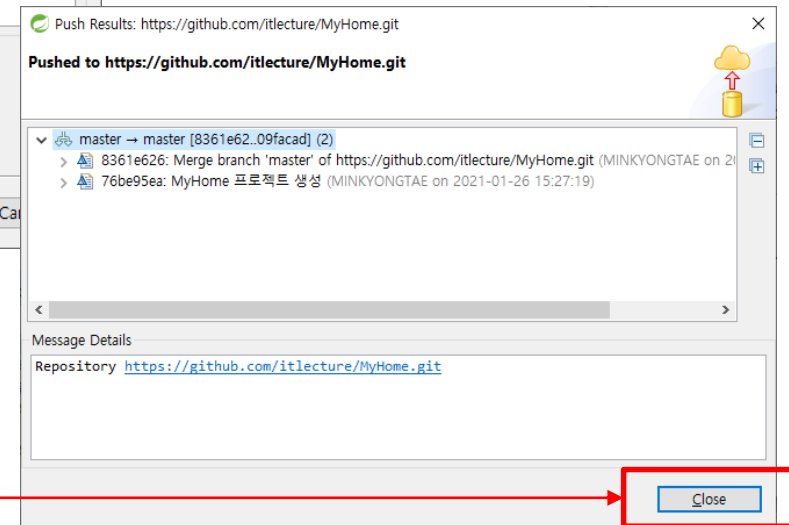
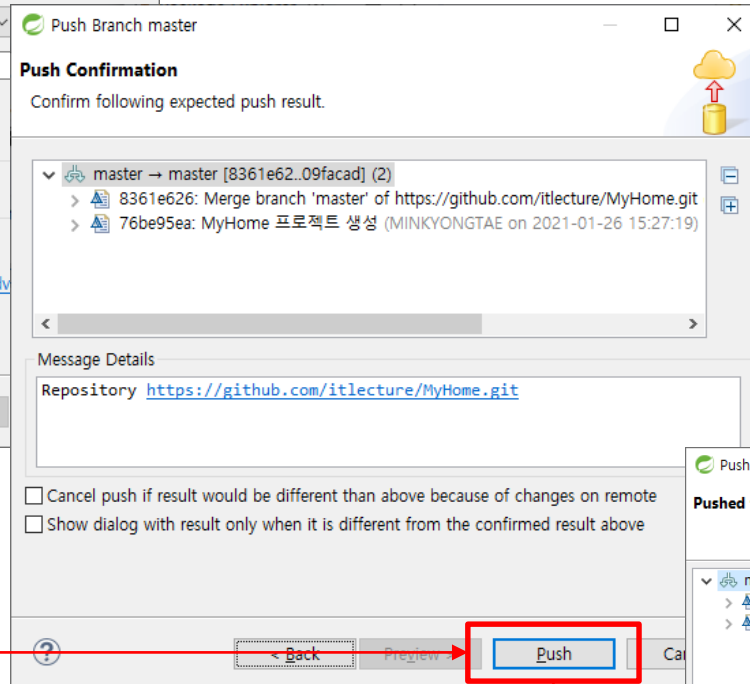
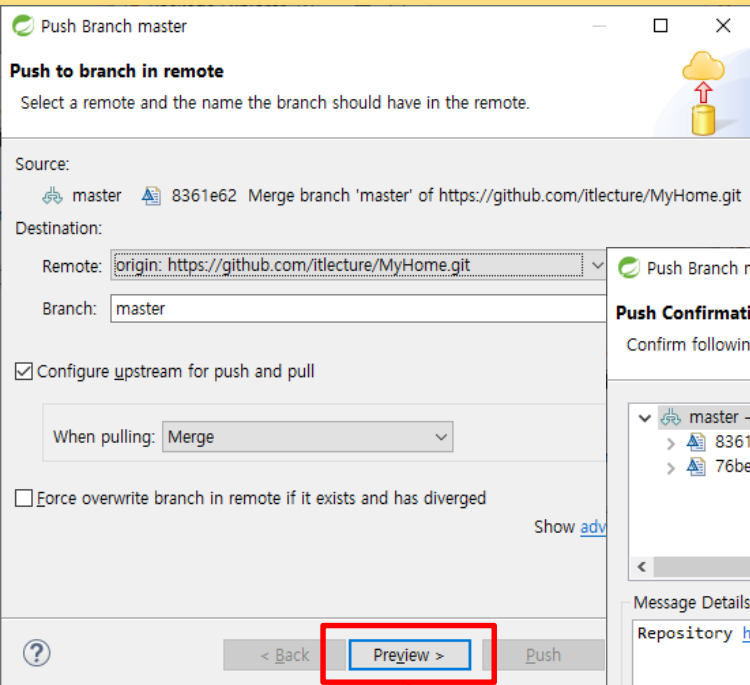
13. (조장) Push합니다.

(Push : MyHome 프로젝트를 githum.com의 MyHome 레파지토리에 올립니다.)



14. (조장) Push합니다.

(Push : MyHome 프로젝트를 githum.com의 MyHome 레파지토리에 올립니다.)



15. (조장) github.com의 MyHome 레파지토리가 업데이트 되었습니다.

itlecture / MyHome

Unwatch

1

Star

0

Fork

0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master

1 branch

0 tags

Go to file

Add file

Code

itlecture Merge branch 'master' of https://github.com/itlecture/MyHome.git

bdb591 3 minutes ago 3 commits

.settings	MyHome 프로젝트 생성	8 minutes ago
src	MyHome 프로젝트 생성	8 minutes ago
target	MyHome 프로젝트 생성	8 minutes ago
.classpath	MyHome 프로젝트 생성	8 minutes ago
.gitignore	Initial commit	18 minutes ago
.project	MyHome 프로젝트 생성	8 minutes ago
.springBeans	MyHome 프로젝트 생성	8 minutes ago
README.md	Initial commit	18 minutes ago
pom.xml	MyHome 프로젝트 생성	8 minutes ago

README.md

MyHome

About

No description, website, or topics provided.

Readme

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Languages

Java 100.0%

git

GitHub

16. (조장) github.com의 MyHome 레파지토리에서 Manage access를 클릭합니다.
조원들을 초대하기 위함이며, 초대된 조원들만 MyHome 레파지토리를 수정할 수 있습니다.

Options

github.com/itlecture/MyHome/settings

Search or jump to... Pull requests Issues Marketplace Explore

itlecture / MyHome

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Options

Manage access

Security & analysis

Branches

Webhooks

Notifications

Integrations

Deploy keys

Actions

Environments

Secrets

Moderation settings

Settings

Repository name

MyHome Rename

☐ Template repository

Template repositories let users generate new repositories with the same directory structure and files. [Learn more.](#)

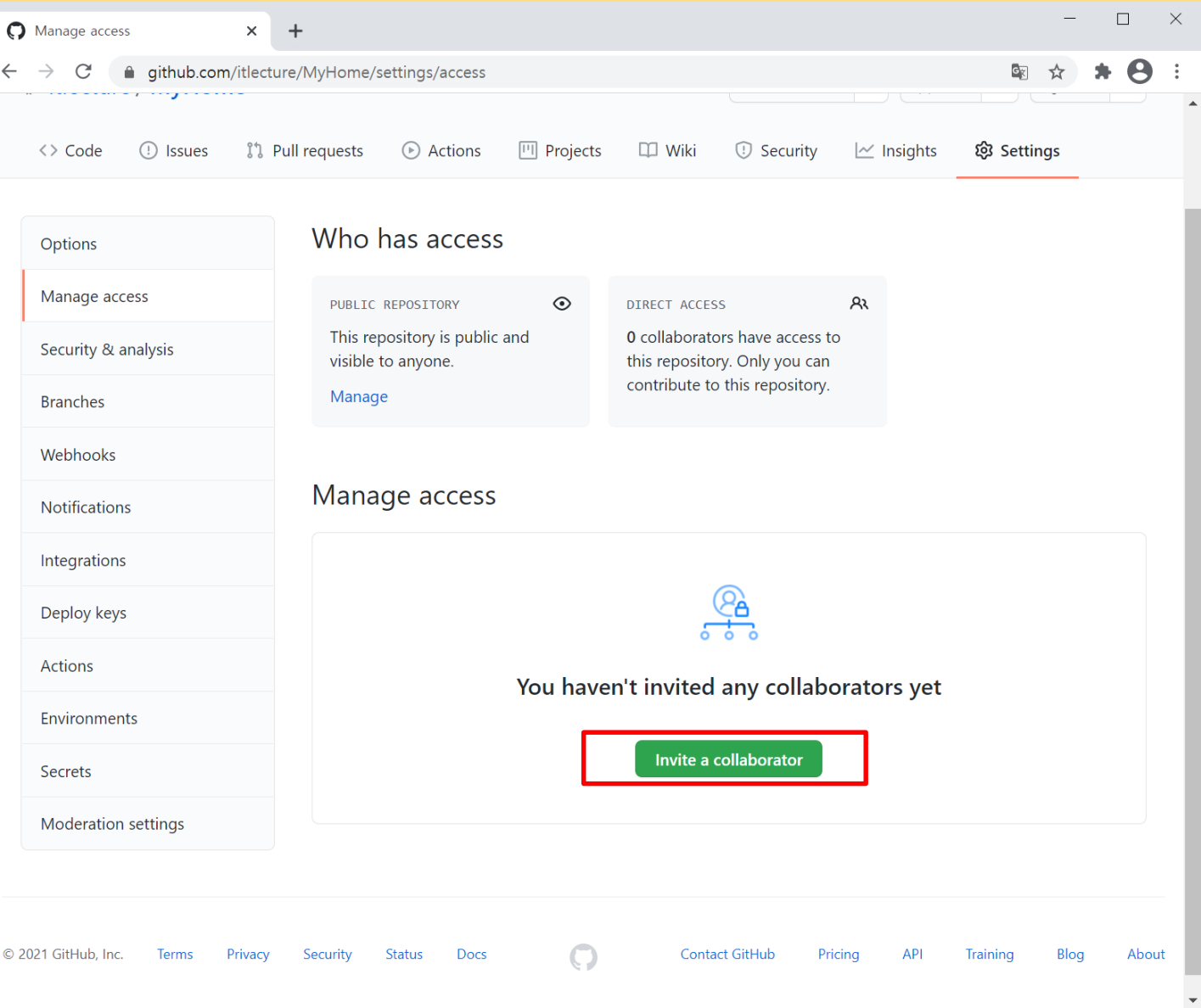
Social preview

Upload an image to customize your repository's social media preview.

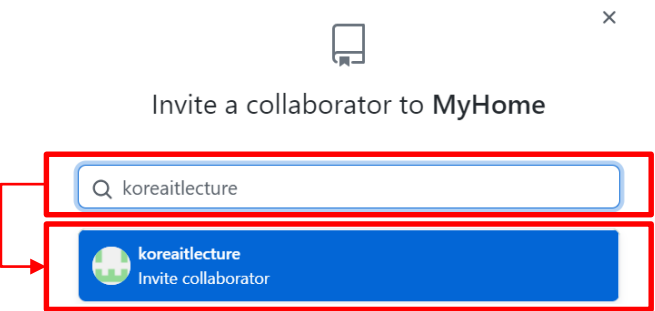
Images should be at least 640×320px (1280×640px for best display).

[Download template](#)

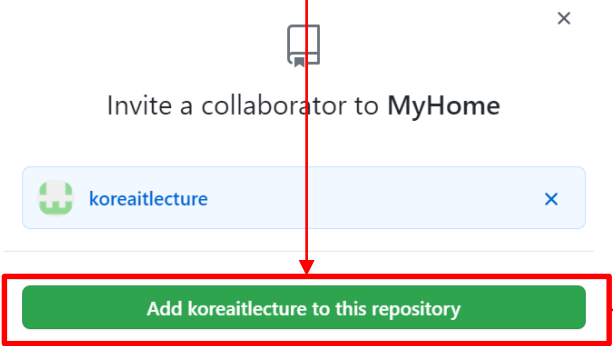
17. (조장) Invite a collaborator를 클릭합니다.
조원들을 초대하기 위함이며, 초대된 조원들만 MyHome 레파지토리를 수정할 수 있습니다.



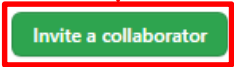
18. (조장) 조원의 아이디를 입력하고 초대합니다.



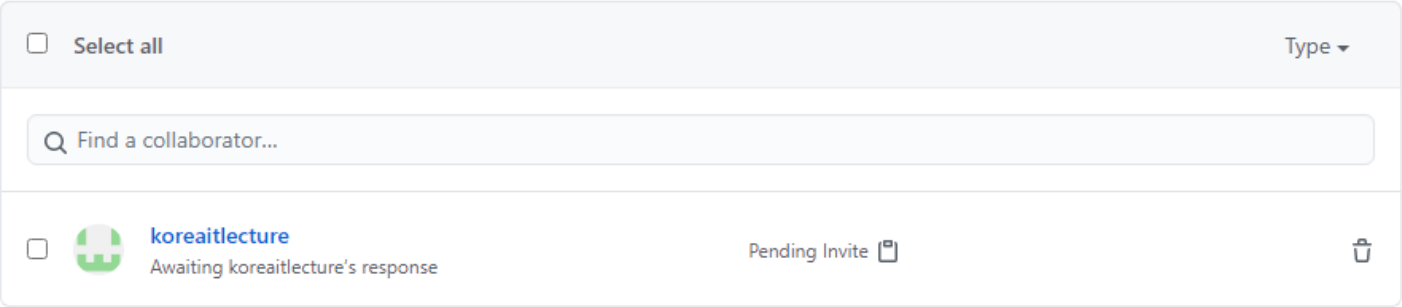
초대할 조원의 아이디(koreaitlecture)를 입력하고 선택합니다.



추가할 조원이 더 있으면 계속해서 초대합니다.



Manage access



19. (조원) 본인의 이메일을 확인하고, 초대에 응합니다.
(Accept invitation)

이메일을 확인하기 전에 github.com에 로그인을 해 둡니다.

itlecture

itlecture invited you to itlecture/MyHome

itlecture

itlecture invited you to collaborate

Accept invitation

Decline

Owners of MyHome will be able to see:

- Your public profile information
- Certain activity within this repository
- Country of request origin
- Your access level for this repository
- Your IP address

Git

git

Git

GitHub

본인의 이메일을 확인합니다.

View invitation

Accept invitation

20. (조원) 초대에 응하면, 조장이 github.com에 올린 MyHome 레파지토리가 보입니다.
MyHome 레파지토리의 URI를 복사합니다.

itlecture / MyHome

<> Code ⓘ Issues 🔗 Pull requests ⏸ Actions 📁 Projects 📖 Wiki ⚠ Security 📊 Insights

🔗 master 1 branch 0 tags

itlecture Merge branch 'master' of https://github.com/itlecture/MyHome.git

📁 .settings	MyHome 프로젝트 생성
📁 src	MyHome 프로젝트 생성
📁 target	MyHome 프로젝트 생성
📄 .classpath	MyHome 프로젝트 생성
📄 .gitignore	Initial commit
📄 .project	MyHome 프로젝트 생성
📄 .springBeans	MyHome 프로젝트 생성
📄 README.md	Initial commit
📄 pom.xml	MyHome 프로젝트 생성

Go to file Add file

↓ Code

Clone ⓘ

HTTPS SSH GitHub CLI

https://github.com/itlecture/MyHome.git

Use Git or checkout with SVN using the web URL.

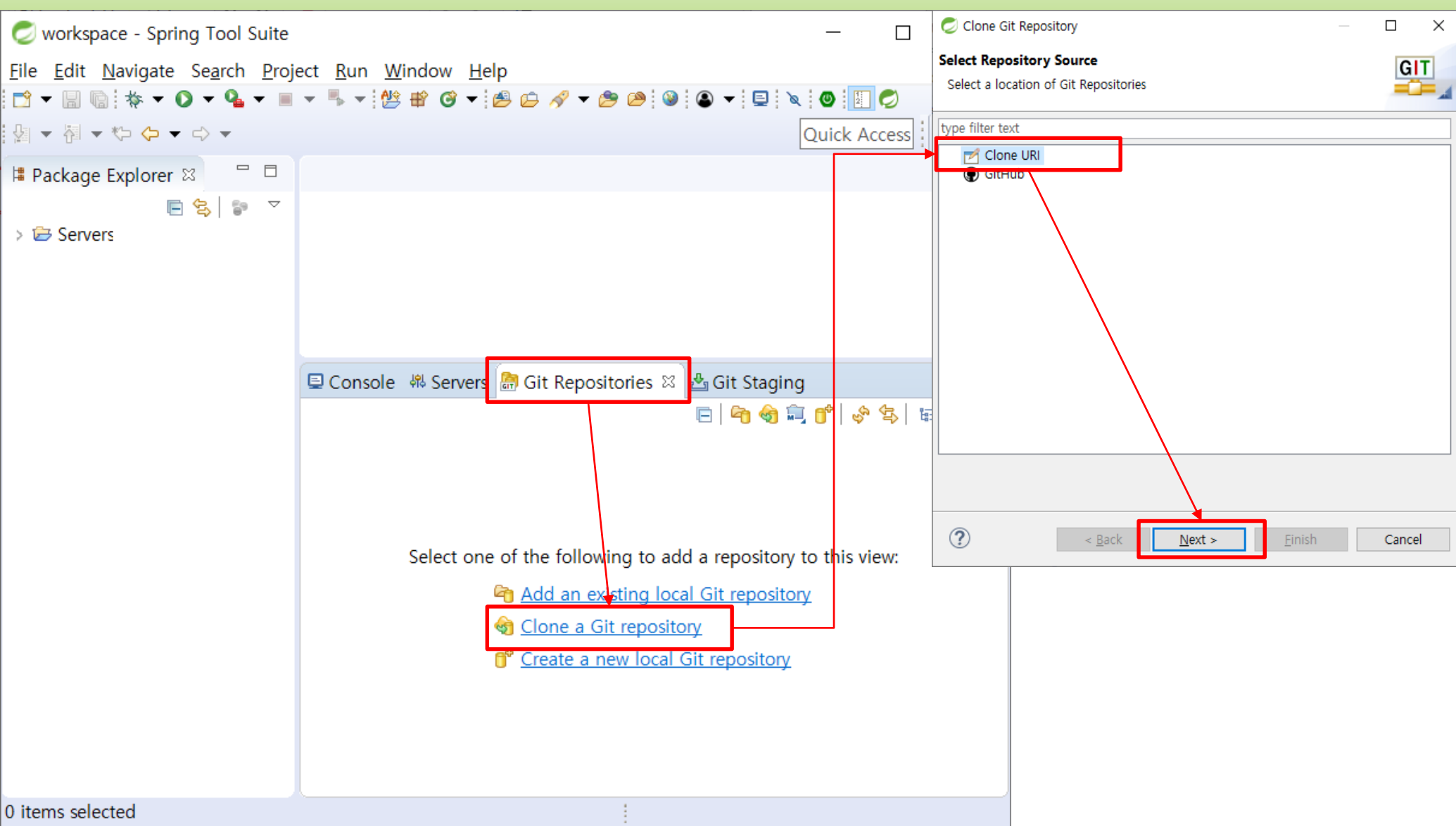
🖱 Open with GitHub Desktop

📦 Download ZIP

README.md

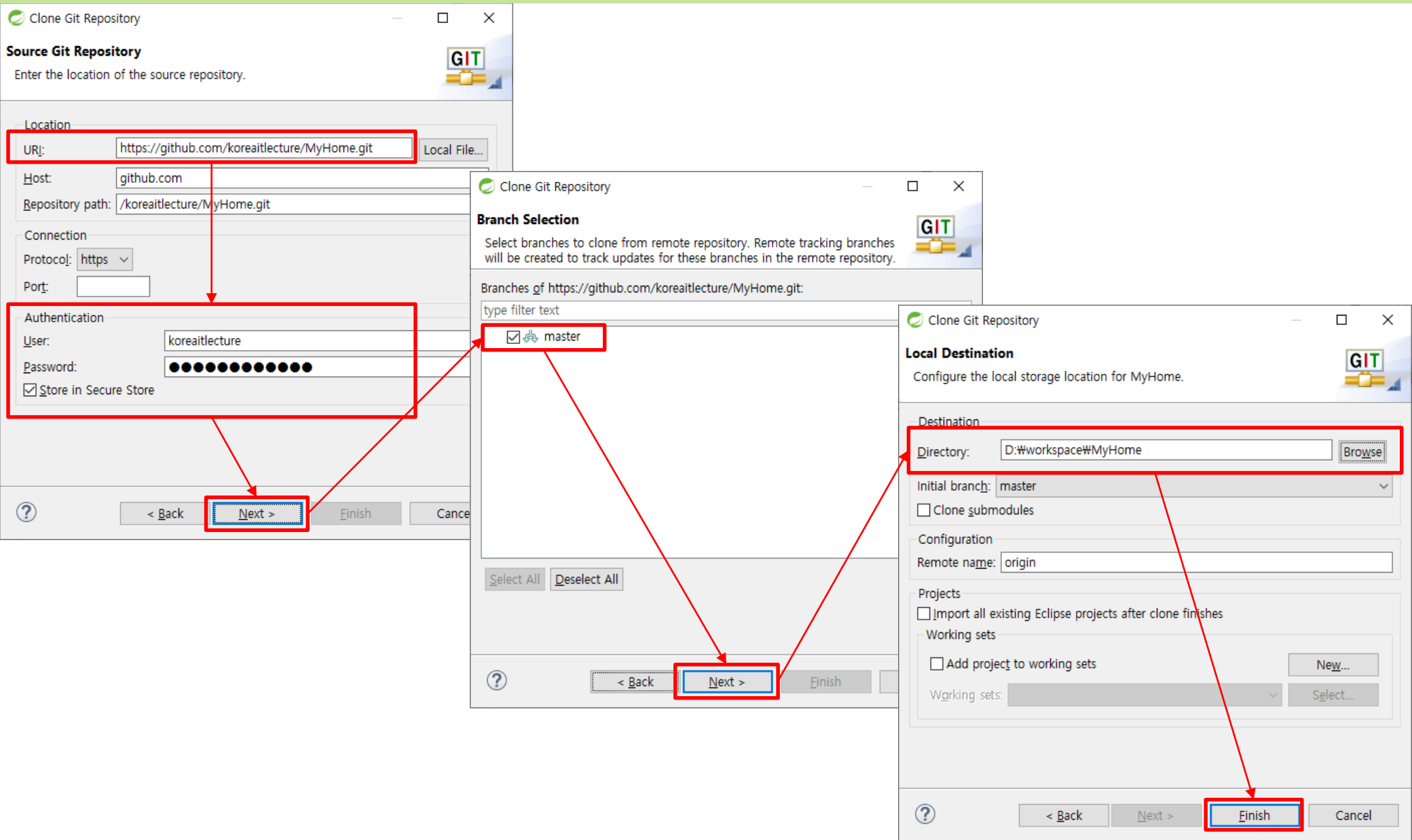
MyHome

21. (조원) github.com에 올라간 MyHome 레파지토리를 로컬 레파지토리(자신의 PC)로 가져옵니다.
Git Repositories – Clone a Git repository

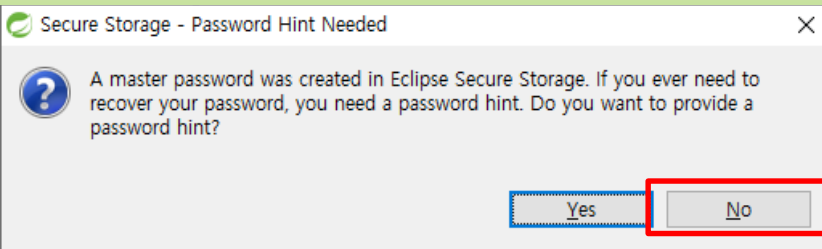


22. (조원) github.com에 올라간 MyHome 레파지토리를 로컬 레파지토리(자신의 PC)로 가져옵니다.

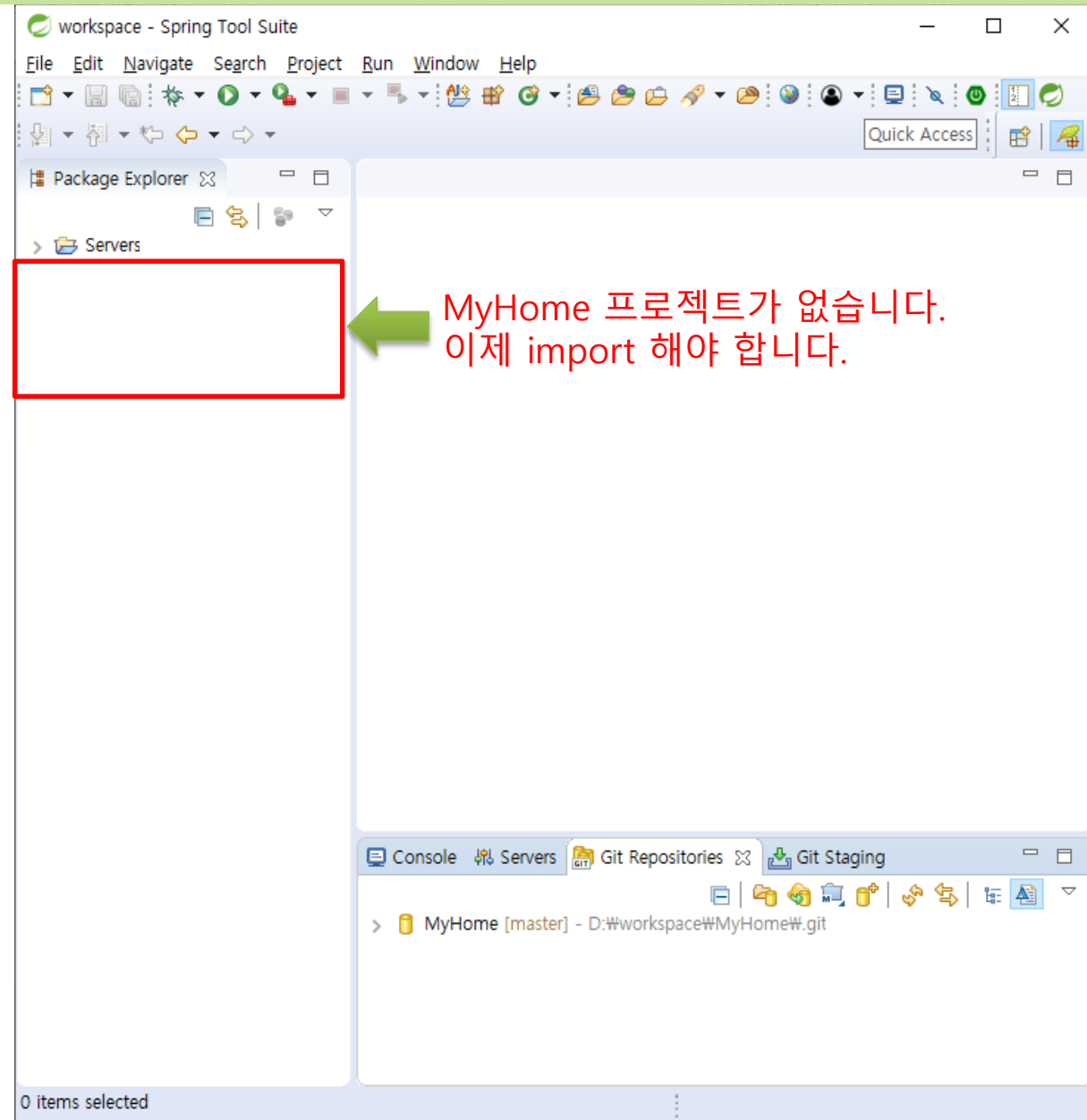
Git Repositories – Clone a Git repository



23. (조원) github.com에 올라간 MyHome 레파지토리를 로컬 레파지토리(자신의 PC)로 가져옵니다.
Git Repositories – Clone a Git repository (Clone을 하고 나면 자신의 로컬 레파지토리로 자동 설정됩니다.)



비밀번호 힌트 안 만들어도 됩니다.



24. (조원) MyHome은 이미 workspace에 존재합니다. Import만 하면 됩니다.

Git Repositories – Working Tree 우클릭 – Import Maven Projects... (MyHome에서 우클릭도 됩니다.)

The screenshot shows the Spring Tool Suite (STS) interface. The 'Package Explorer' on the left shows the 'MyHome' project. The 'Git Repositories' view is open, showing the 'Working Tree' for 'MyHome'. A right-click context menu is open over the 'Working Tree', with the 'Import Maven Projects...' option highlighted. The 'Import Maven Projects' dialog is open on the right, showing the project '/pom.xml' selected. The 'Finish' button in the dialog is highlighted. Red arrows indicate the sequence of actions: from the 'Working Tree' to the 'Import Maven Projects...' menu item, and from the 'Finish' button in the dialog.

workspace - Spring Tool Suite

File Edit Navigate Search Project Run Window Help

Package Explorer

Servers

Console Servers Git Repositories Git Staging

MyHome [master] - D:\workspace\MyHome\MyHome.git

- Branches
- Tags
- References
- Remotes
- Working Tree - D:\workspace\MyHome

Context Menu:

- Add to Index
- Import Projects...
- Show In Alt+Shift+W >
- Copy Path to Clipboard Ctrl+C
- Paste Repository Path or URI Ctrl+V
- Import Maven Projects...

Import Maven Projects

Maven Projects

Select Maven projects

Projects:

- ☒ /pom.xml com.koreait.myhome:1.0.0-BUILD-SNAPSHOT:war

Select All

Deselect All

Select Tree

Deselect Tree

Refresh

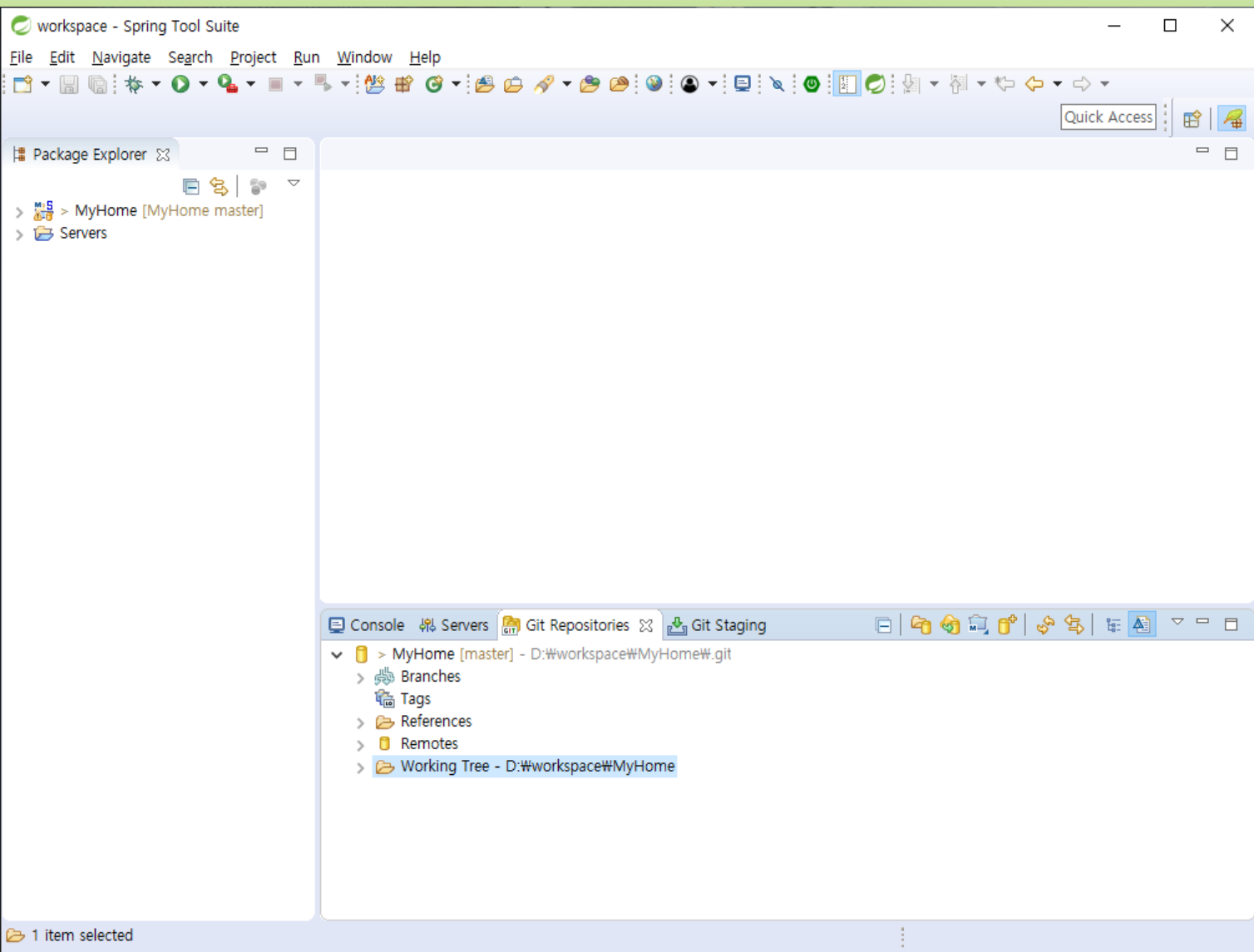
☐ Add project(s) to working set

myhome

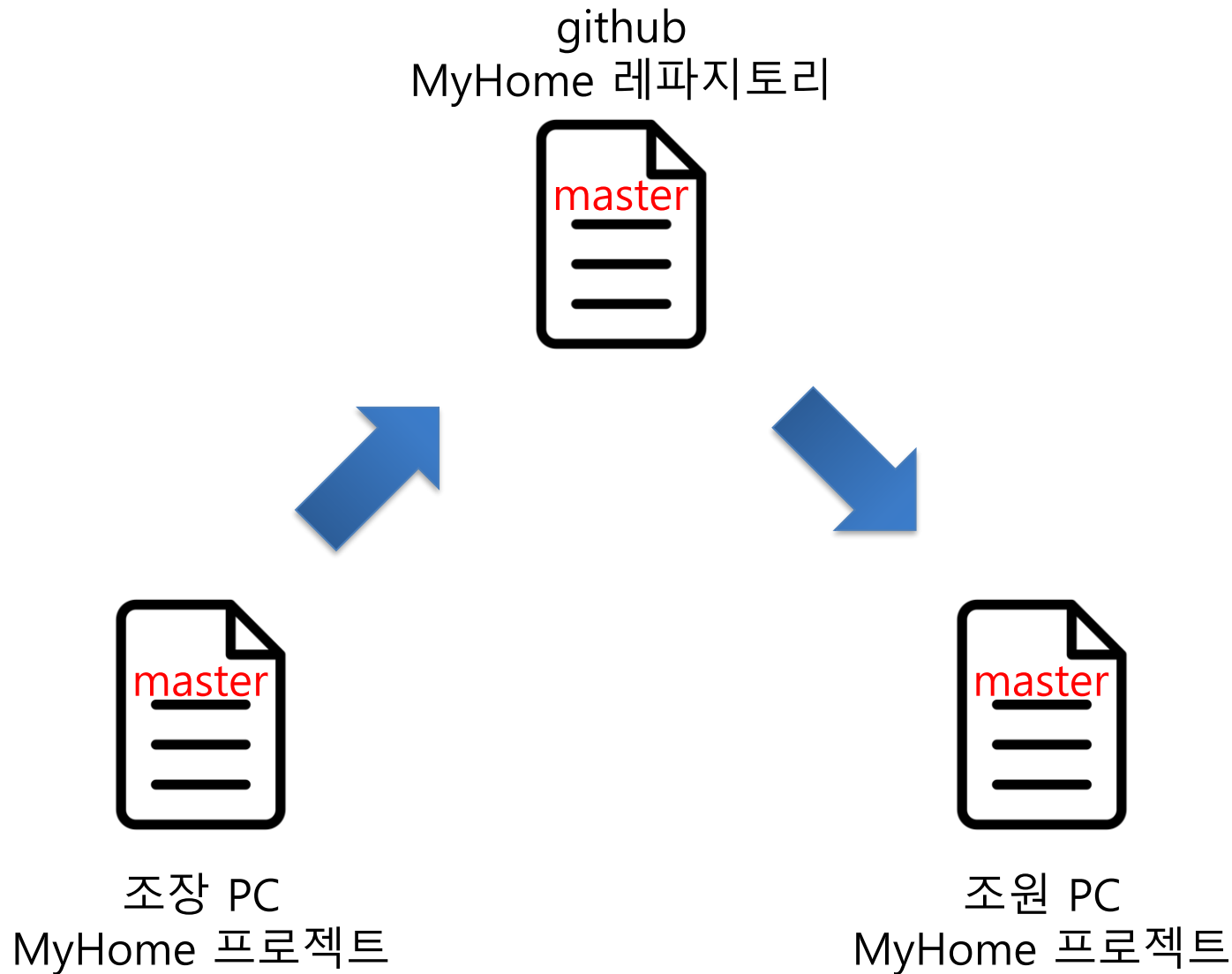
Advanced

Finish Cancel

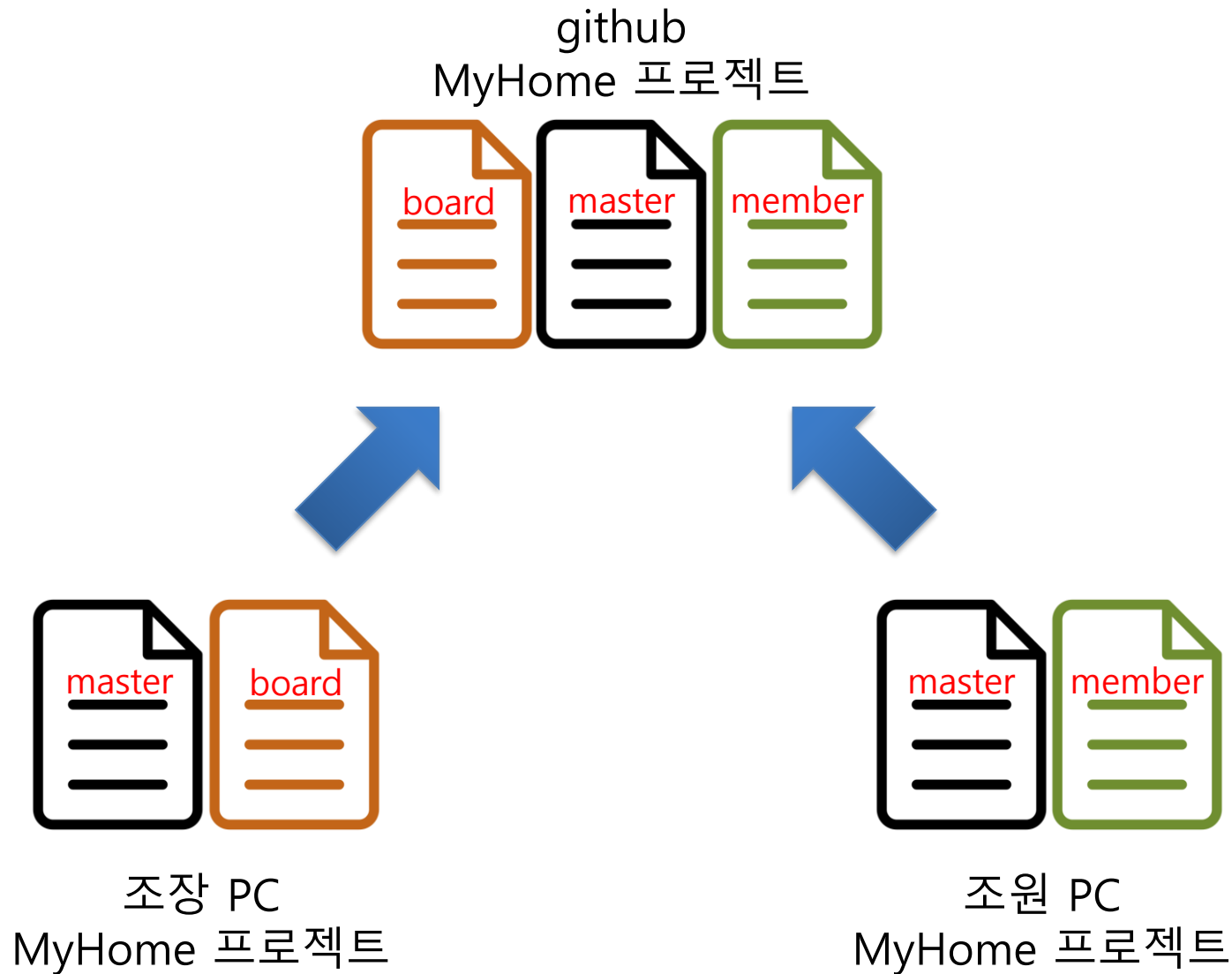
25. (조원) 로컬 레파지토리에 MyHome 프로젝트가 생성되었습니다.



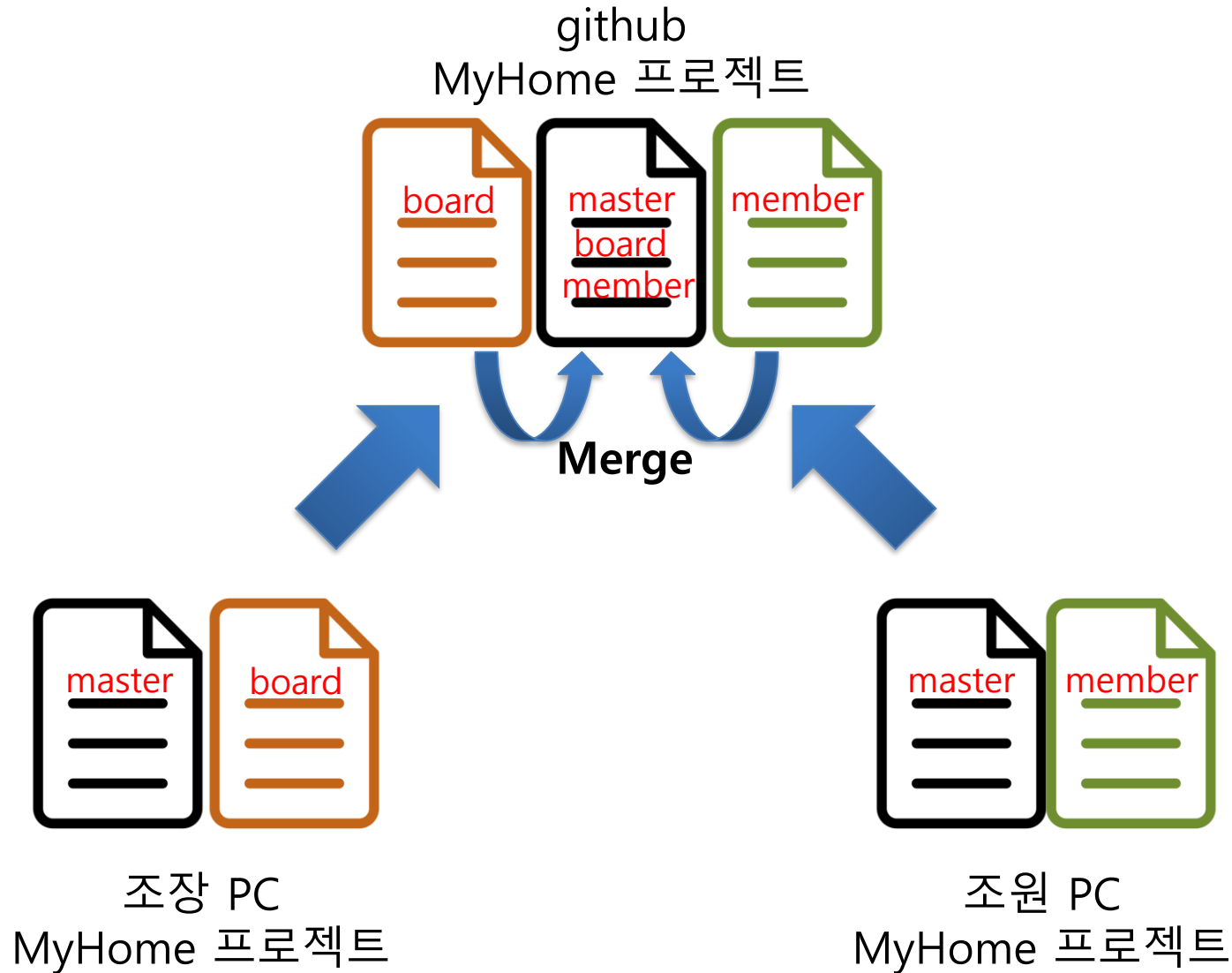
26. (공통) github의 MyHome 레파지토리는 공유중입니다.
모두 각자 PC에 MyHome 프로젝트(로컬 레파지토리)를 가지고 있습니다. 모두 master 브랜치입니다.



27. (공통) 조장과 조원은 master 브랜치는 건드리지 말고,
각자의 브랜치를 만들고 각자 구현할 기능을 구현할 뒤 github에 자신의 브랜치를 Push합니다.

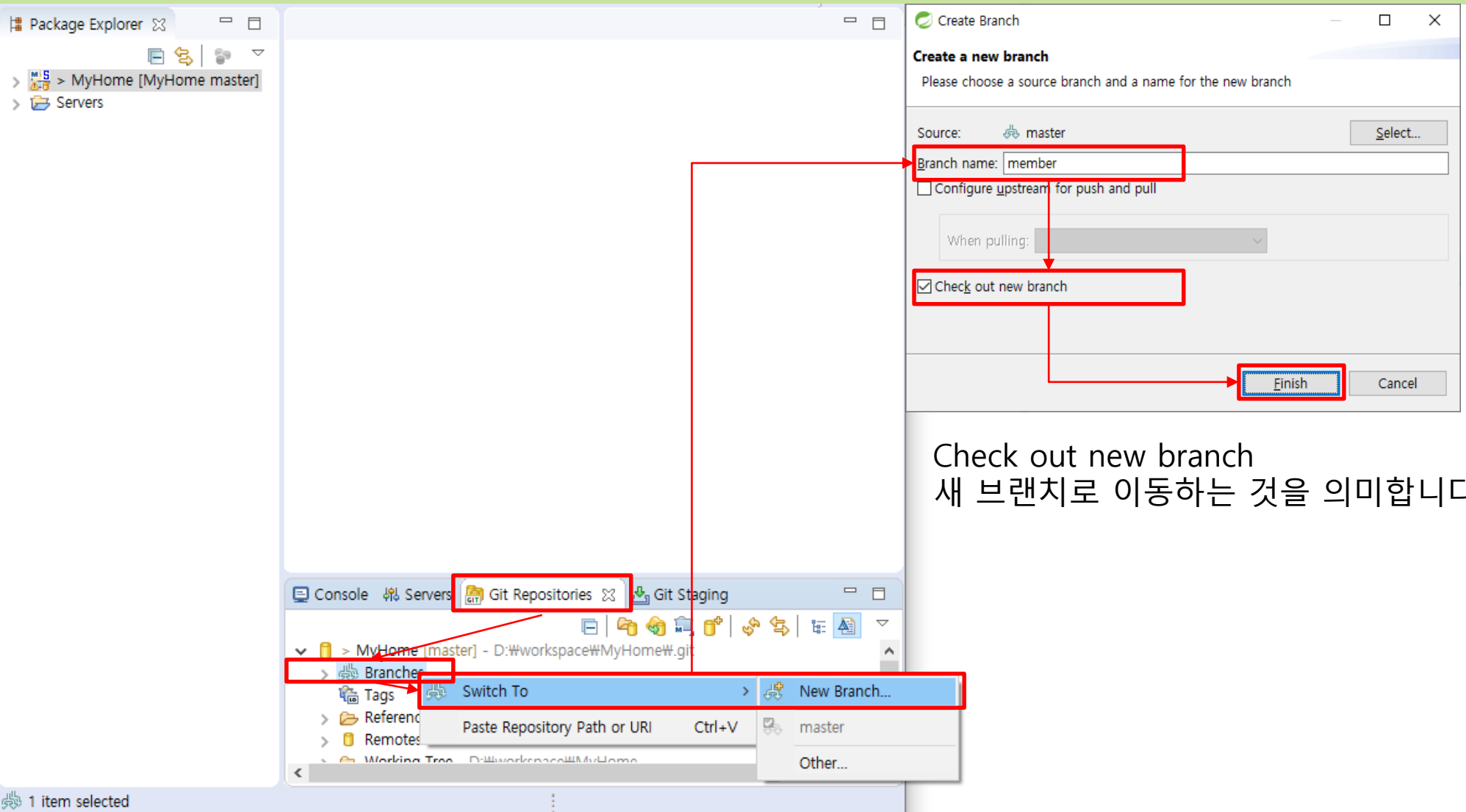


28. (공통) github의 MyHome 레파지토리에 올라간 브랜치들을 하나로 합치는 것을 Merge(병합)라고 합니다.
필요한 경우 master 브랜치에 다른 브랜치를 병합합니다.

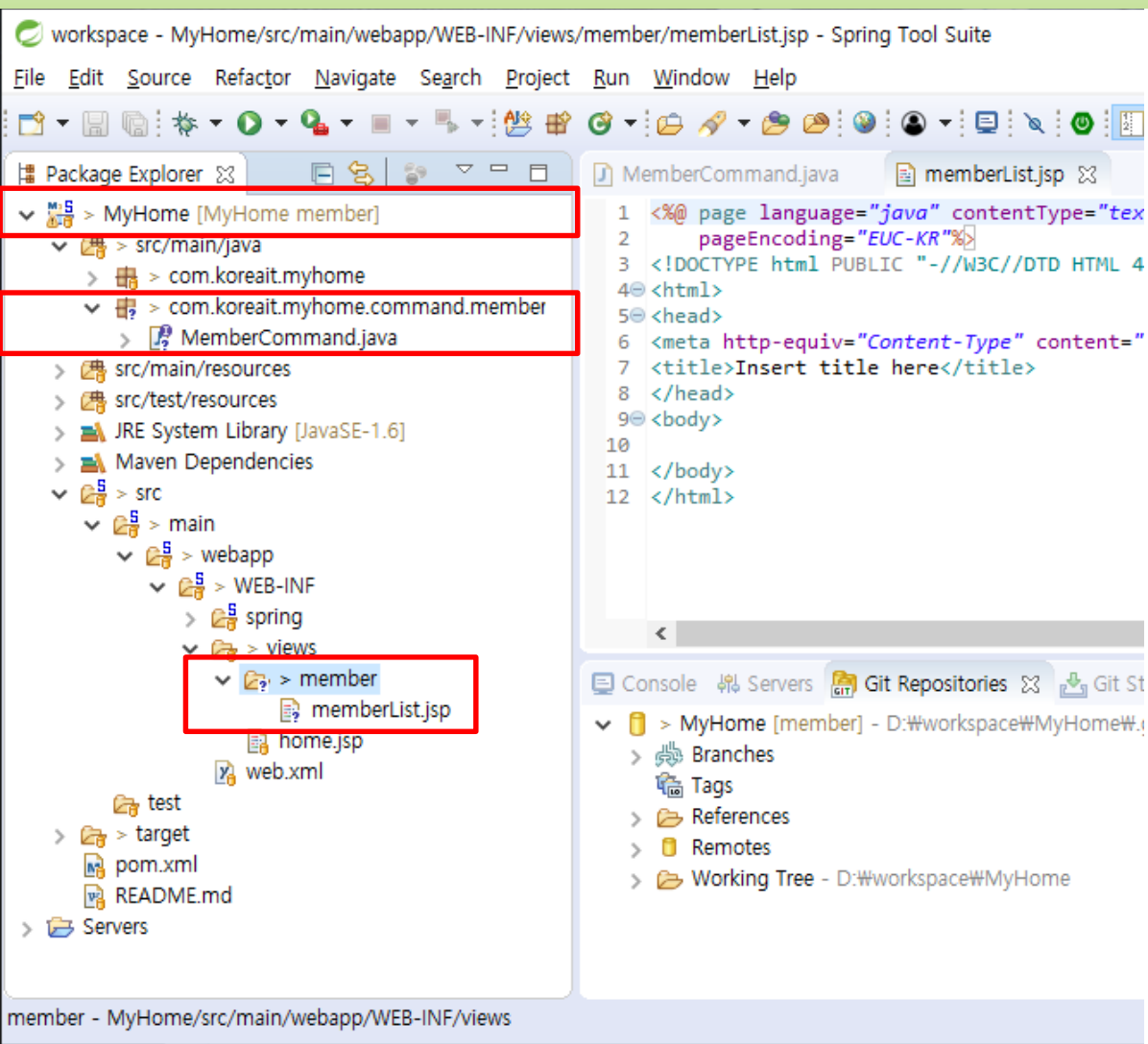


29. (조원) 자신이 작업할 새로운 브랜치(branch)를 만듭니다.

Git Repositories – MyHome – Branches 우클릭 – Switch To – New Branch...



30. (조원) member 브랜치에서 자신의 작업을 수행합니다.



member 브랜치로 이동된 걸 확인한 뒤,
MemberCommand.java를 생성하고

member/memberList.jsp를 생성합니다.

31. (조원) 자신이 수행한 작업을 github에 Commit and Push 합니다.

The image shows two screenshots of the Eclipse IDE's Git interface. The top screenshot shows the 'Git Staging' tab with a list of 'Unstaged Changes (6)'. A red box highlights the 'Git Staging' tab, and another red box highlights the '+' icon next to the 'Unstaged Changes' list. A red arrow points from the '+' icon to the bottom screenshot. The bottom screenshot shows the 'Commit Message' dialog box. The 'Commit Message' field contains the text 'MemberCommand.java 생성, member/memberList.jsp 생성'. The 'Author' field is 'koreaitlecture <min-k-t@hanmail.net>'. The 'Committer' field is 'koreaitlecture <min-k-t@hanmail.net>'. A red box highlights the 'Commit Message' field, and another red box highlights the 'Commit and Push...' button. A red arrow points from the 'Commit and Push...' button to the bottom right corner of the image.

Console Servers Git Repositories Git Staging Filter files

> MyHome [member]

Unstaged Changes (6)

- > .classpath
- > org.eclipse.wst.common.component - .settings
- > org.eclipse.wst.validation.prefs - .settings
- > pom.properties - target/m2e-wtp/web-resources/MET
- MemberCommand.java - src/main/java/com/koreait/my
- memberList.jsp - src/main/webapp/WEB-INF/views/men

Staged Changes (0)

Commit Message

Author: koreaitlecture <min-k-t@hanmail.net>

Console Servers Git Repositories Git Staging Filter files

> MyHome [member]

Unstaged Changes (0)

Commit Message

MemberCommand.java 생성, member/memberList.jsp 생성

Author: koreaitlecture <min-k-t@hanmail.net>

Committer: koreaitlecture <min-k-t@hanmail.net>

Commit and Push... Commit

git

GitHub

32. (조원) 자신이 수행한 작업을 github에 Commit and Push 합니다.

Push Branch member

Push to branch in remote

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

Source:
member a10a2e4 MemberCommand.java 생성, member/memberList.jsp 생성

Destination:
Remote: origin: https://github.com/itlecture/MyHome.git
Branch: member

☒ Configure upstream for push and pull

When pulling: Merge

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

Next >

Push Branch member

Push Confirmation

Confirm following expected push result.

member → member [new branch]

Message Details
Repository https://github.com/itlecture/MyHome.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

Finish

Push Results: https://github.com/itlecture/MyHome.git

Pushed to https://github.com/itlecture/MyHome.git

member → member [new branch]

Message Details
Repository https://github.com/itlecture/MyHome.git

request for 'member' on GitHub by visiting:
https://github.com/itlecture/MyHome/pull/new/member

Close

33. (조장) github에 올라간 MyHome 레파지토리에 member 브랜치가 생성되었음을 확인할 수 있습니다.

itlecture / MyHome

<> CodeIssuesPull requestsActionsProjects

master2 branches0 tags

itlecture / MyHome

<> CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

OverviewYoursActiveStaleAll branches

Default branch

masterUpdated 1 hour ago by gitgtmin

Active branches

memberUpdated 3 minutes ago by koreaitlecture

34. (조원) member 브랜치에 Commit and Push를 하면서 작업을 합니다.
(master 브랜치에서 작업하지 않습니다.)

workspace - MyHome/src/main/webapp/WEB-INF/views/member/memberList.jsp - Spring Tool Suite

File Edit Navigate Search Project Run Window Help

Package Explorer

MyHome [MyHome member]

- src/main/java
 - com.koreait.myhome
 - com.koreait.myhome.command.member
 - MemberCommand.java

MemberCommand.java

memberList.jsp

```
1 <%@ page language="java" contentType="text/html; charset=EUC-KR"
2   pageEncoding="EUC-KR"%>
3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR
4 <html>
5 <head>
6 <meta http-equiv="Content-Type" content="text/html; charset=EUC-KR"%>
7 <title>Insert title here</title>
8 </head>
9 <body>
10 <!-- 작업 완료 -->
11 </body>
12 </html>
```

Console

Servers

Git Repositories

Git Staging

Filter files

MyHome [member]

Unstaged Changes (0)

Staged Changes (2)

- MemberCommand.java - src/main/java/com/koreait/myhome/comm
- memberList.jsp - src/main/webapp/WEB-INF/views/member

Commit Message

MemberCommand.java 작업 완료, member/memberList.jsp 작업 완료

Author: koreaitlecture <min-k-t@hanmail.net>

Committer: koreaitlecture <min-k-t@hanmail.net>

Commit and Push...

Commit

Push Results: MyHome - origin

Pushed to MyHome - origin

member → member [8a48a44..a10a2e4] (1)

8a48a447: MemberCommand.java 작업 완료, member/memberList.jsp 작업 완료 (koreaitlecture on 2

Message Details

Repository <https://github.com/itlecture/MyHome.git>

Configure...

Close

git

GitHub

35. (조원) member 브랜치 작업이 끝나면 master 브랜치로 이동합니다. (master 브랜치에 member 브랜치를 merge하기 위해서입니다.)

workspace - MyHome/src/main/webapp/WEB-INF/views/member/memberList.jsp - Spring Tool Suite

File Edit Navigate Search Project Run Window Help

Package Explorer

- MyHome [MyHome member]
 - src/main/java
 - com.koreait.myhome
 - com.koreait.myhome.command.member
 - MemberCommand.java
 - src/main/resources
 - src/test/resources
 - JRE System Library [JavaSE-1.6]
 - Maven Dependencies
 - src
 - main
 - webapp
 - WEB-INF
 - spring
 - views
 - member
 - memberList.jsp
 - home.jsp
 - test
 - target
 - pom.xml
 - README.md
 - Servers

MemberCommand.java memberList.jsp

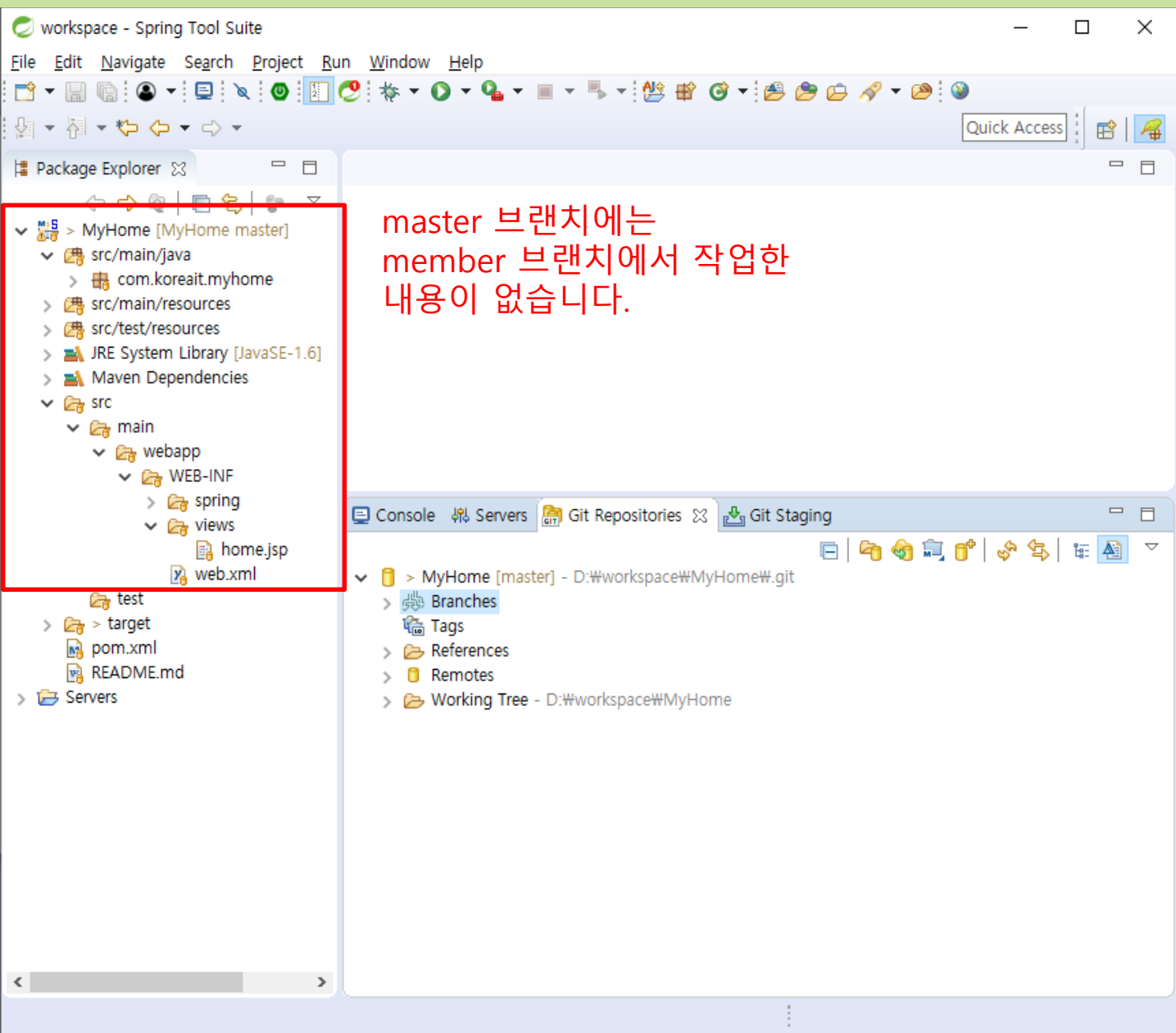
```
1 <%@ page language="java" contentType="text/html; charset=EUC-KR"
2   pageEncoding="EUC-KR"%>
3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4 <html>
5 <head>
6 <meta http-equiv="Content-Type" content="text/html; charset=EUC-KR">
7 <title>Insert title here</title>
8 </head>
9 <body>
10 <!-- 작업 완료 -->
11 </body>
12 </html>
```

Console Servers Git Repositories Git Staging

MyHome [member] - D:\workspace\MyHome\git

- Branches
 - Switch To
 - master
 - member
 - Other...
- Tags
- References
- Remote Branches
- Working Tree - D:\workspace\MyHome

36. (조원) master 브랜치로 이동되었습니다.



37. (조원) master 브랜치에 Commit 할 내용이 있으면 Commit and Push를 합니다. (merge하기 위해서는 commit이 되어 있어야 합니다.)

The screenshot shows the Eclipse IDE interface with the Spring Tool Suite workspace. The Package Explorer on the left shows the project structure for 'MyHome [MyHome master]'. The main editor area displays the 'Git Staging' view, which is divided into 'Unstaged Changes (0)' and 'Staged Changes (1)'. The 'Staged Changes (1)' view shows the file 'org.eclipse.wst.common.component - .settings'. A red box highlights the 'Commit Message' field, which contains the text 'member 브랜지 작업 완료'. Below the message field, the 'Author' and 'Committer' fields are filled with 'koreaitlecture <min-k-t@hanmail.net>'. A red box highlights the 'Commit and Push...' button. To the right, a 'Push Results: MyHome - origin' dialog is open, showing the push results for the 'master' branch. The dialog includes a 'Close' button, which is also highlighted with a red box. Red arrows indicate the workflow: from the 'Commit and Push...' button to the 'Push Results' dialog, and from the 'Close' button back to the 'Commit and Push...' button.

workspace - Spring Tool Suite

File Edit Navigate Search Project Run Window Help

Package Explorer

- MyHome [MyHome master]
 - src/main/java
 - com.koreait.myhome
 - src/main/resources
 - src/test/resources
 - JRE System Library [JavaSE-1.6]
 - Maven Dependencies
 - src
 - main
 - webapp
 - WEB-INF
 - spring
 - views
 - home.jsp
 - web.xml
 - test
 - target
 - pom.xml
 - README.md
- Servers

Console Servers Git Repositories **Git Staging** Filter files

> MyHome [master]

Unstaged Changes (0)

Staged Changes (1)

- org.eclipse.wst.common.component - .settings

Commit Message

member 브랜지 작업 완료

Author: koreaitlecture <min-k-t@hanmail.net>

Committer: koreaitlecture <min-k-t@hanmail.net>

Commit and Push... Commit

Push Results: MyHome - origin

Pushed to MyHome - origin

master → master [56184cb..bbdb591] (1)

- 56184cbf: member 브랜지 작업 완료 (koreaitlecture on 2021-01-27 15:42:45)

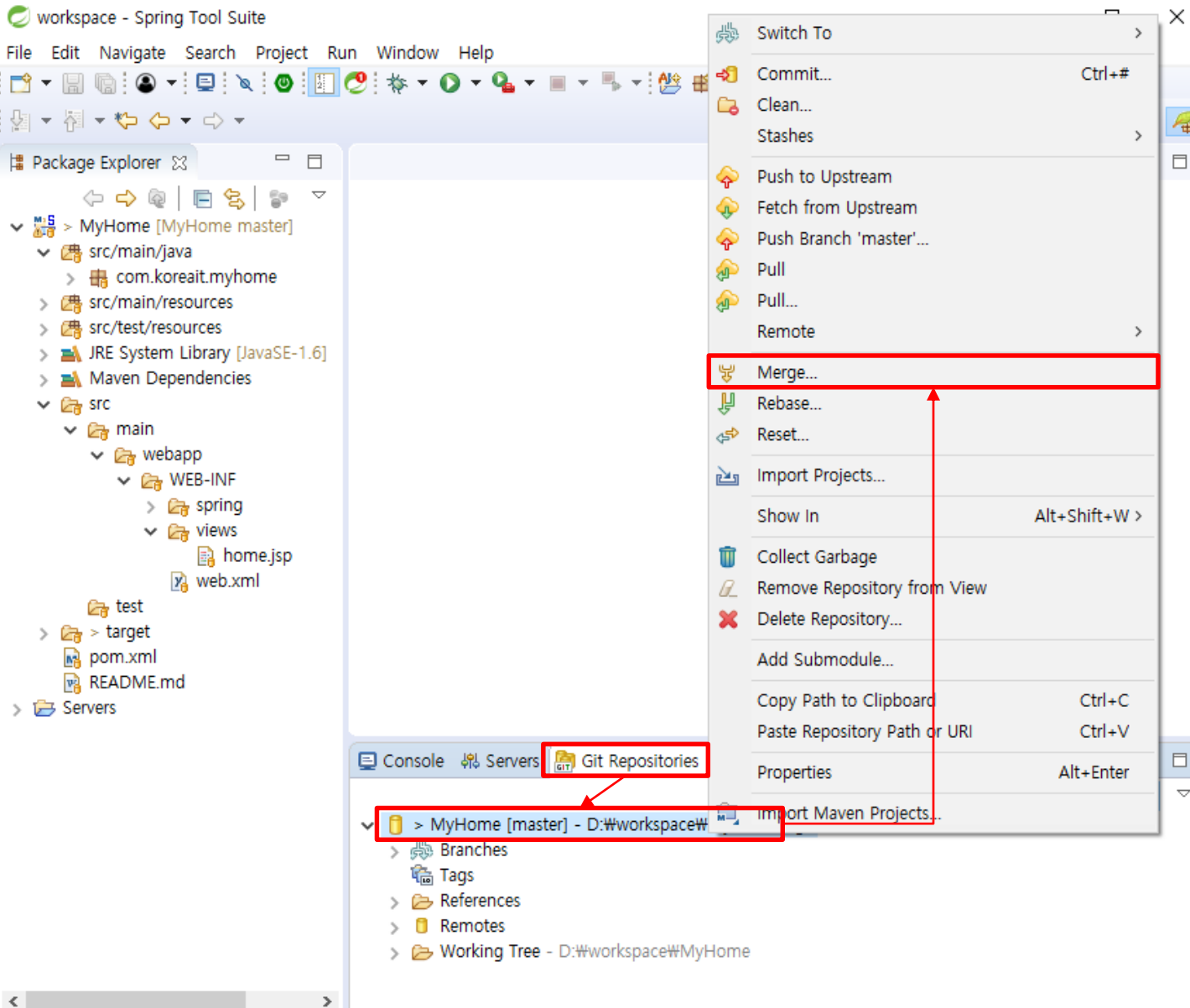
Message Details

Repository <https://github.com/itlecture/MyHome.git>

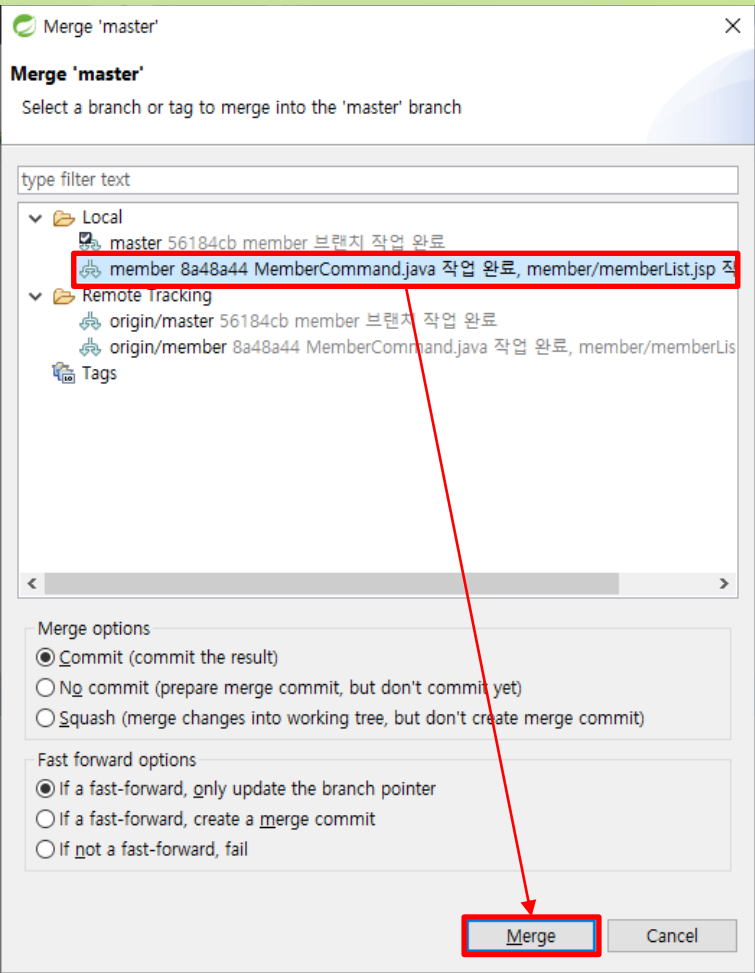
Configure... Close

38. (조원) master 브랜치에서 member 브랜치를 merge합니다.

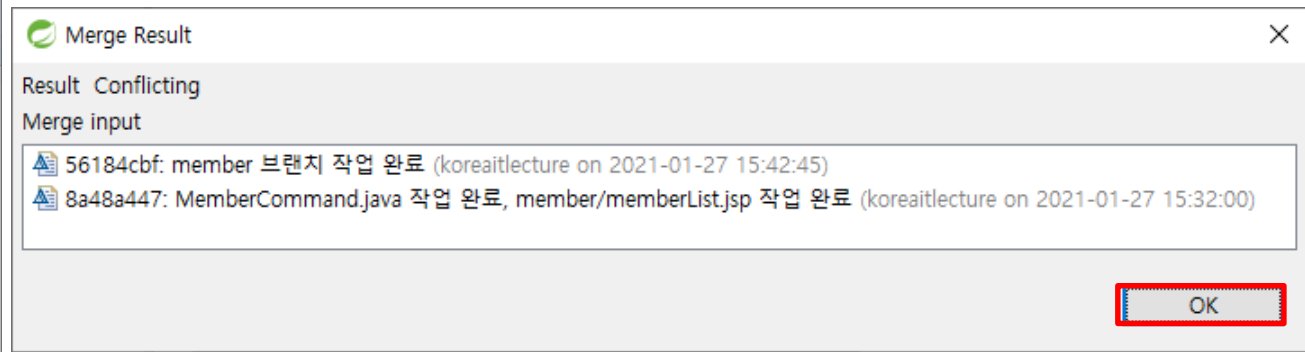
Git Repositories - MyHome 우클릭 - Merge...



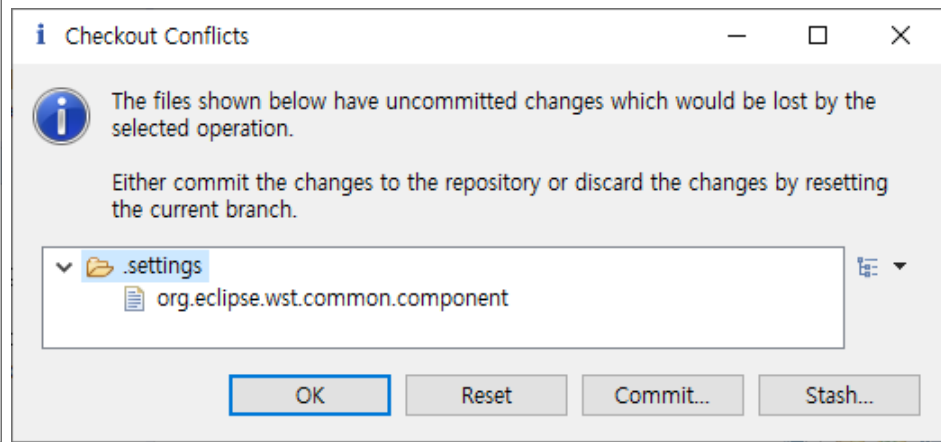
39. (조원) merge하려는 member 브랜치를 선택하고 Merge 버튼을 클릭합니다.



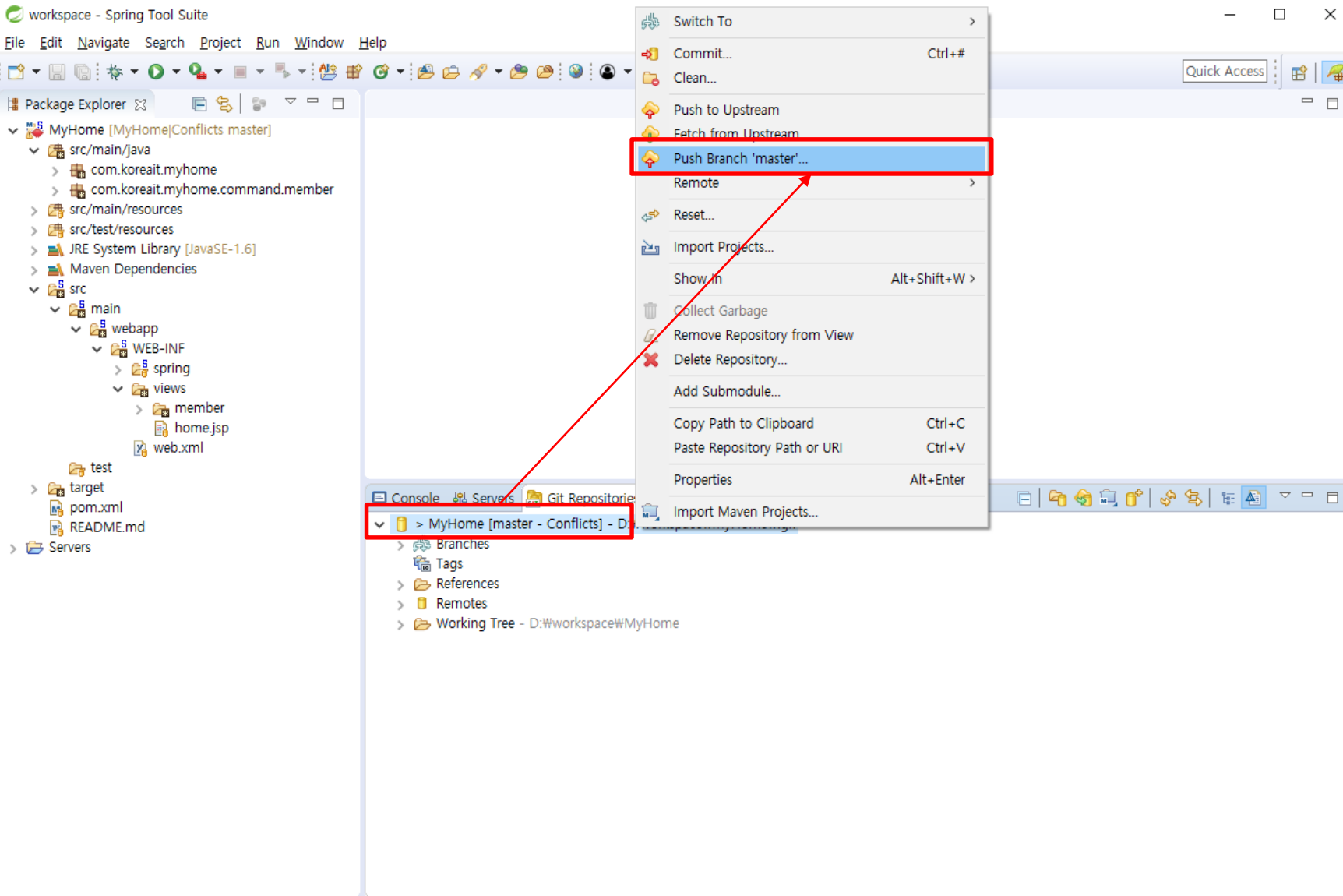
Merge 성공



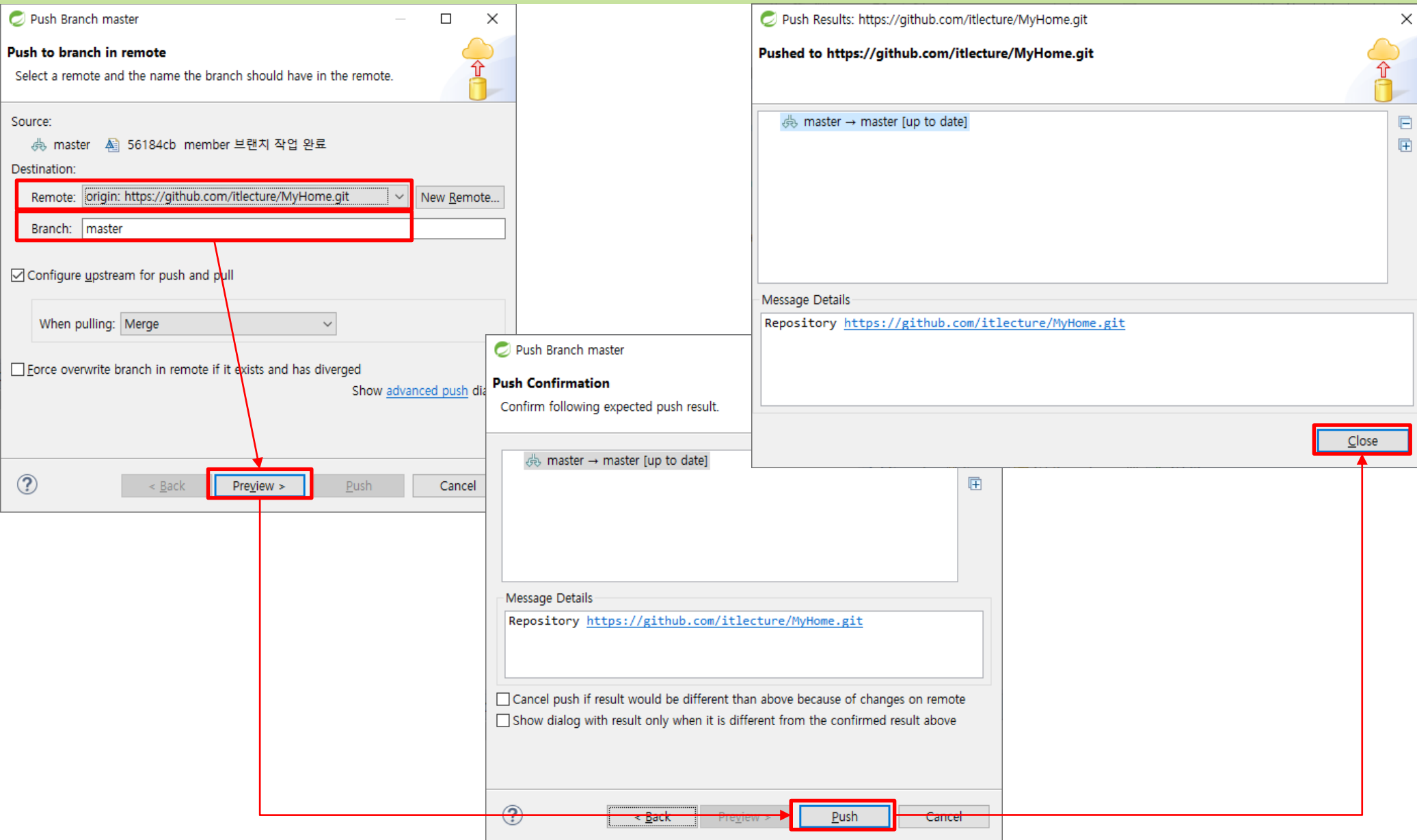
Merge 실패 : Commit을 하고 Merge를 해야 합니다.



40. (조원) 로컬 레파지토리는 master와 member브랜치가 병합되었습니다.
로컬 레파지토리의 master를 github에 Push합니다.



41. (조원) 로컬 레파지토리는 master와 member브랜치가 병합되었습니다.
로컬 레파지토리의 master를 github에 Push합니다.



42. (조장) github의 master 브랜치에 member 브랜치의 내용이 반영되었습니다.

itlecture / MyHome

Unwatch

1

Star

0

Fork

0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master2 branches0 tags

Go to fileAdd fileCode

koreaitlecture member 브랜치 작업 완료56184cb 5 minutes ago4 commits

.settings	member 브랜치 작업 완료	5 minutes ago
src	MyHome 프로젝트 생성	1 hour ago
target	MyHome 프로젝트 생성	1 hour ago
.classpath	MyHome 프로젝트 생성	1 hour ago
.gitignore	Initial commit	1 hour ago
.project	MyHome 프로젝트 생성	1 hour ago
.springBeans	MyHome 프로젝트 생성	1 hour ago
README.md	Initial commit	1 hour ago
pom.xml	MyHome 프로젝트 생성	1 hour ago

README.md

MyHome

About

No description, website, or topics provided.

Readme

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Contributors2

itlecture

koreaitlecture

Languages

Java 100.0%

43. (조장) board 브랜치를 만들어서 작업을 하는 중입니다. 작업 내용을 Commit합니다.

The screenshot shows the Spring Tool Suite interface. On the left is the Package Explorer showing the project structure: MyHome [MyHome board] > src/main/java > com.koreait.myhome > com.koreait.myhome.command.board > BoardCommand.java. The main editor displays the content of boardList.jsp, which is an HTML page with a title "Insert title here".

At the bottom, the Git Staging window is open. It shows two sections: "Unstaged Changes (0)" and "Staged Changes (2)". The "Staged Changes (2)" section lists the files to be committed: BoardCommand.java - src/main/java/com/koreait/my and boardList.jsp - src/main/webapp/WEB-INF/views/boar. A red box highlights the "Commit" button at the bottom right of the Git Staging window. Another red box highlights the "Commit Message" field, which contains the text "BoardCommand.java 생성, board/boardList.jsp 생성". The "Author" and "Committer" fields are also visible, both set to "itlecture <minkt78@naver.com>".

44. (조장) 최신 버전을 가져오기 위해서 master 브랜치로 이동합니다.

workspace - MyHome/src/main/webapp/WEB-INF/views/board/boardList.jsp - Spring Tool Suite

File Edit Navigate Search Project Run Window Help

Package Explorer

- MyHome [MyHome board]
 - src/main/java
 - com.koreait.myhome
 - com.koreait.myhome.command.board
 - BoardCommand.java
 - src/main/resources
 - src/test/java
 - src/test/resources
 - JRE System Library [JavaSE-1.6]
 - Maven Dependencies
 - src
 - main
 - webapp
 - resources
 - WEB-INF
 - classes
 - spring
 - views
 - board
 - boardList.jsp
 - home.jsp
 - test
 - target
 - pom.xml
 - README.md

BoardCommand.java

boardList.jsp

```
1 <%@ page language="java" contentType="text/html; charset=EUC-KR"
2   pageEncoding="EUC-KR"%>
3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3
4 <html>
5 <head>
6 <meta http-equiv="Content-Type" content="text/html; charset=EUC-KR">
7 <title>Insert title here</title>
8 </head>
9 <body>
10
11 </body>
12 </html>
```

Console Servers Git Repositories Git Staging

MvHome [board] - D:\workspace\MyHome\git

- Branches
 - Tags
 - Switch To
- Reference
- Remotes
- Working Tree - D:\workspace\MyHome

New Branch...

Paste Repository Path or URI Ctrl+V

board

master

Other...

45. (조장) github의 master 브랜치를 가져와서 로컬 레파지토리를 최신 버전으로 업데이트 합니다.

The screenshot shows the Spring Tool Suite interface. The Package Explorer on the left displays the project structure for 'MyHome [MyHome master]'. The central menu is open, showing various Git operations. The 'Pull' option is highlighted with a red box. A 'Pull Result for MyHome' dialog is open on the right, showing the fetch result and update result. The 'Close' button in the dialog is also highlighted with a red box. Red lines connect the 'Pull' menu item to the 'Pull Result' dialog and the 'Close' button to the 'MyHome [master]' entry in the Package Explorer.

workspace - Spring Tool Suite

File Edit Navigate Search Project Run Window Help

Package Explorer

MyHome [MyHome master]

- src/main/java
 - com.koreait.myhome
- src/main/resources
- src/test/java
- src/test/resources
- JRE System Library [JavaSE-1.6]
- Maven Dependencies
- src
 - main
 - webapp
 - resources
 - WEB-INF
 - classes
 - spring
 - views
 - home.jsp
 - web.xml
 - test
 - target
 - pom.xml
 - README.md
- Servers

Switch To

- Commit... Ctrl+#
- Clean...
- Stashes
- Push to Upstream
- Fetch from Upstream
- Push Branch 'master'...
- Pull**
- Pull...
- Remote
- Merge...
- Rebase...
- Reset...
- Import Projects...
- Show In
- Collect Garbage
- Remove Repository from View
- Delete Repository...
- Add Submodule...
- Copy Path to Clipboard
- Paste Repository Path or URI
- Properties
- Import Maven Projects...

Console Servers

MyHome [master]

- Branches
- Tags
- References
- Remotes
- Working Tree - D:\workspace\MyHome

Pull Result for MyHome

Fetch Result

- master : origin/master [ebe95ed..56184cb] (3)
 - ebe95edc: member 브랜치 작업 완료 (koreaitlecture on 2021-01-27 16:52:29)
 - 8a48a447: MemberCommand.java 작업 완료, member/memberList.jsp 작업
 - a10a2e41: MemberCommand.java 생성, member/memberList.jsp 생성 (koreaitlecture on 2021-01-27 16:52:29)

Update Result

Result Fast-forward

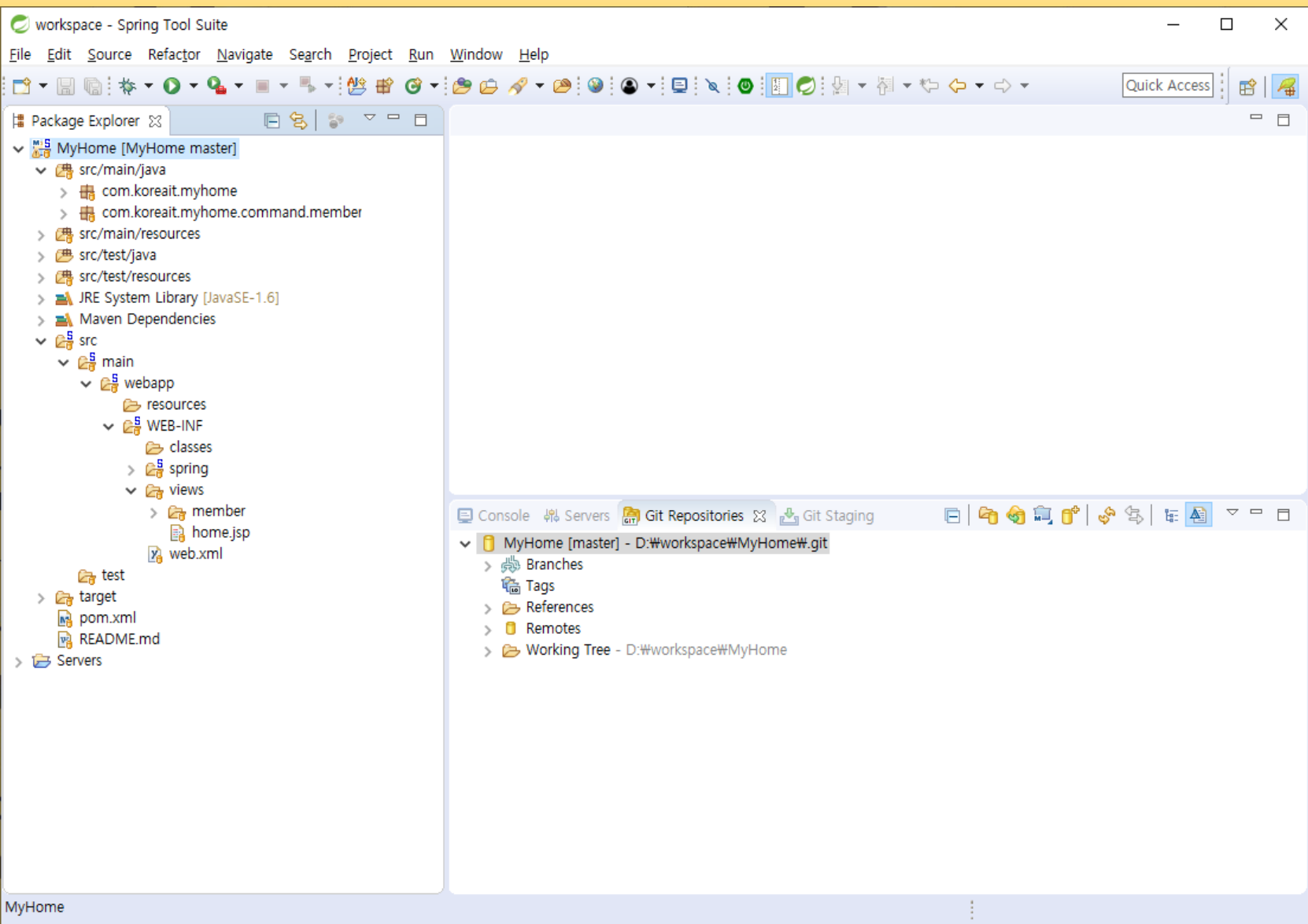
New HEAD member 브랜지 작업 완료 [ebe95ed]

Merge input

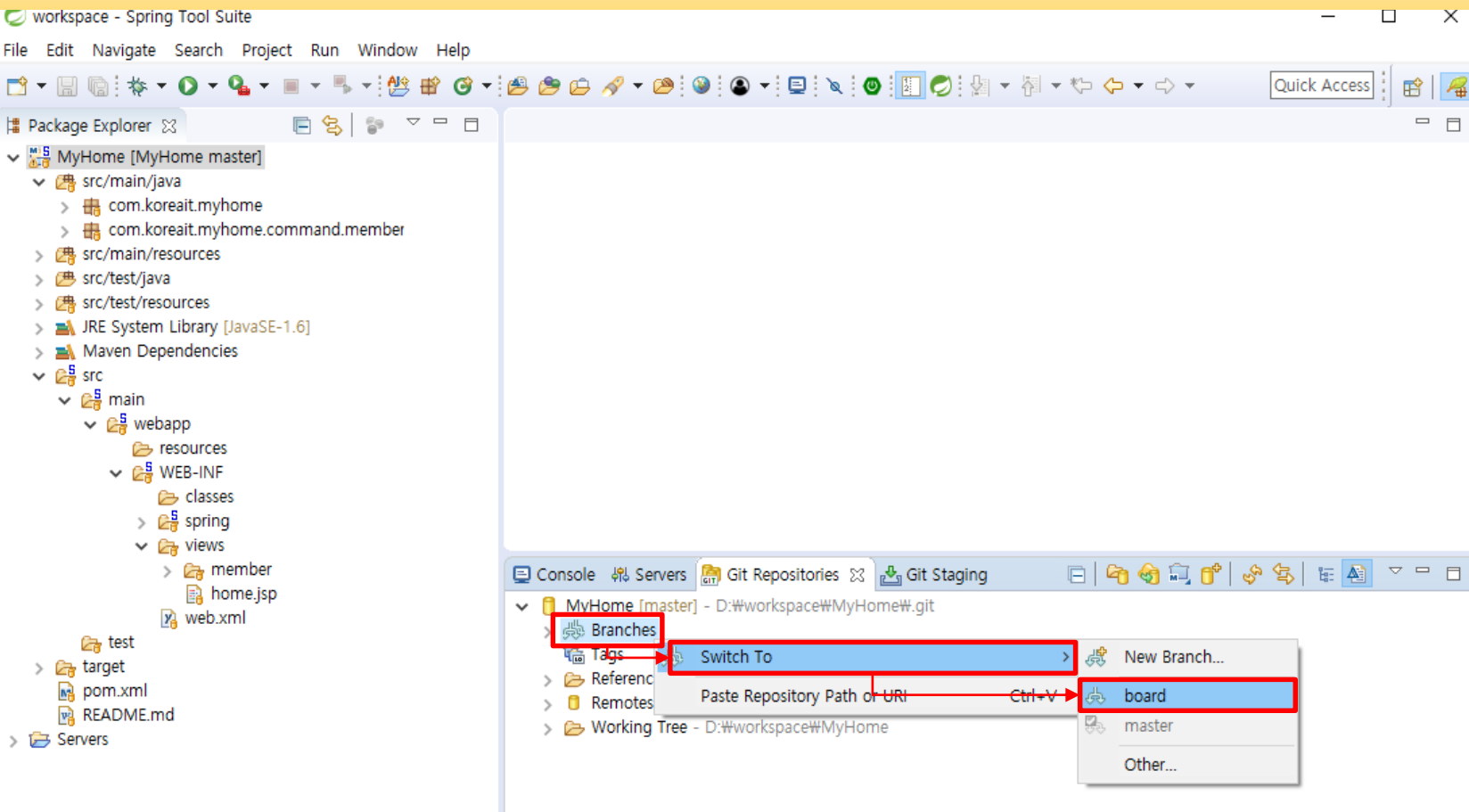
- 56184cbf: member 브랜지 작업 완료 (koreaitlecture on 2021-01-27 15:42:45)
- ebe95edc: member 브랜지 작업 완료 (koreaitlecture on 2021-01-27 16:52:29)

Close

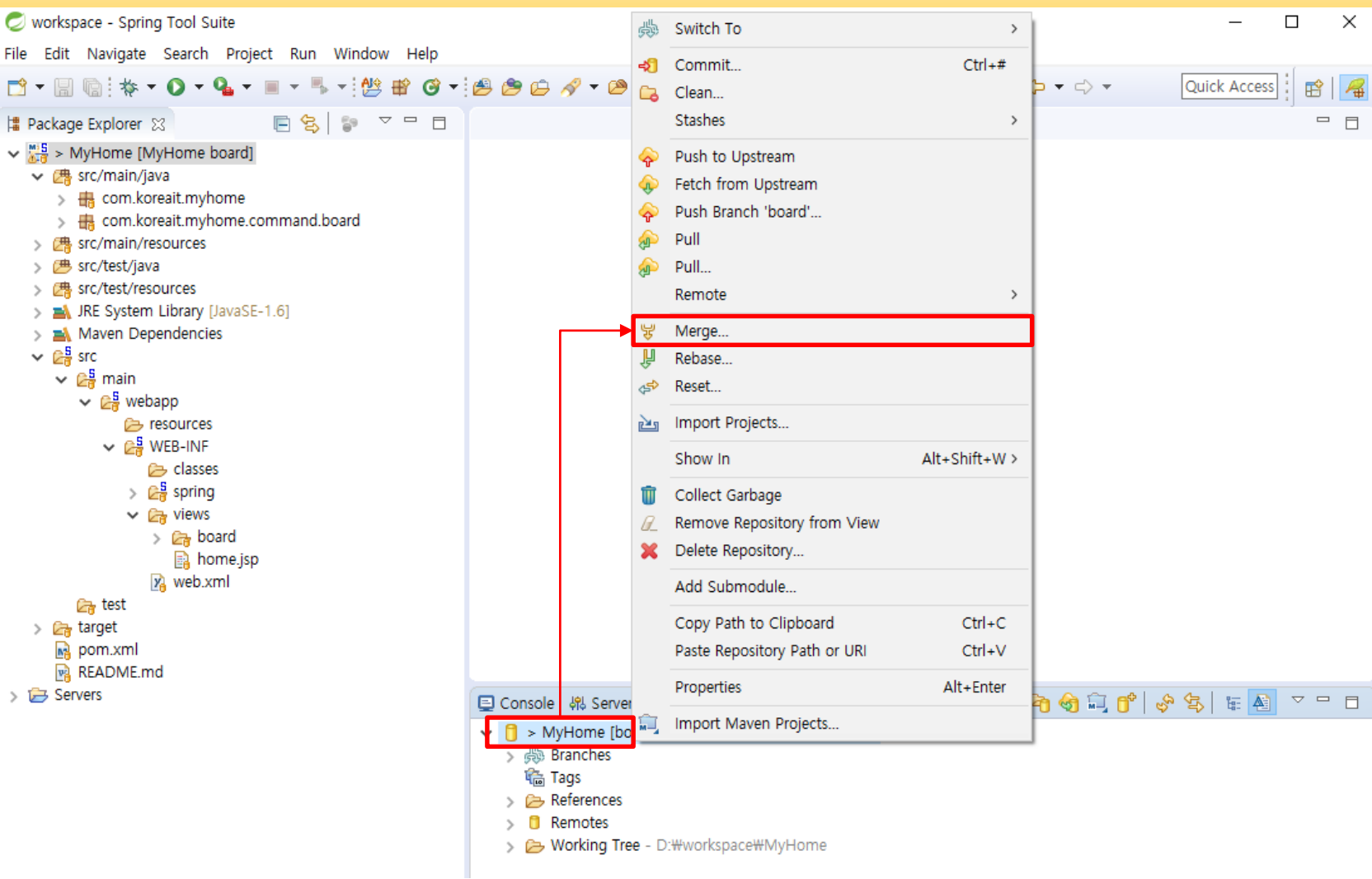
46. (조장) master 브랜치가 업데이트 되었습니다.



47. (조장) board 브랜치로 이동합니다. 이동하기 전에는 언제나 Commit을 해야 합니다.
(작업하는 board 브랜치로 최신 내용을 가지고 있는 master 브랜치를 merge하기 위함입니다.)



48. (조장) board 브랜치에서 master 브랜치를 merge합니다.



49. (조장) board 브랜치에서 master 브랜치를 merge합니다.

Merge 'board'

×

Merge 'board'

Select a branch or tag to merge into the 'board' branch

type filter text

▼ Local

board a6e0ba1 BoardCommand.java 생성, board/boardList.jsp 생성

master ebe95ed member 브랜치 작업 완료

▼ Remote Tracking

origin/board a6e0ba1 BoardCommand.java 생성, board/boardList.jsp 생성

origin/master ebe95ed member 브랜치 작업 완료

origin/member 8a48a44 MemberCommand.java 작업 완료, member/memberList.jsp 생성

Tags

Merge options

☒ Commit (commit the result)

☐ No commit (prepare merge commit, but don't commit yet)

☐ Squash (merge changes into working tree, but don't create merge commit)

Fast forward options

☒ If a fast-forward, only update the branch pointer

☐ If a fast-forward, create a merge commit

☐ If not a fast-forward, fail

Merge

Cancel

Merge Result

×

Result Conflicting

Merge input

91195199: BoardCommand.java 작업 완료, board/boardList.jsp 작업 완료 (itlecture on 2021-01-27 17:00:00)

ebe95edc: member 브랜치 작업 완료 (koreaitlecture on 2021-01-27 16:52:29)

OK

50. (조장) 작업 중인 board 브랜치가 최신 버전으로 업데이트 되었습니다.

workspace - MyHome/src/main/webapp/WEB-INF/views/board/boardList.jsp - Spring Tool Suite

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

MyHome [MyHome]Conflicts board ↑ 1

src/main/java

com.koreait.myhome

com.koreait.myhome.command.board

BoardCommand.java

com.koreait.myhome.command.member

MemberCommand.java

src/main/resources

src/test/java

src/test/resources

JRE System Library [JavaSE-1.6]

Maven Dependencies

src

main

webapp

resources

WEB-INF

classes

spring

views

board

boardList.jsp

member

memberList.jsp

home.jsp

web.xml

test

target

pom.xml

README.md

Servers

BoardCommand.java

boardList.jsp

1 <% page language="java" contentType="text/html; charset=EUC-KR"

2 pageEncoding="EUC-KR"%>

3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

4 <html>

5 <head>

6 <meta http-equiv="Content-Type" content="text/html; charset=EUC-KR">

7 <title>Insert title here</title>

8 </head>

9 <body>

10 <!-- 작업 완료 -->

11 </body>

12 </html>

Console Servers Git Repositories Git Staging

MyHome [board ↑ 1 - Conflicts] - D:\workspace\MyHome\git

Branches

Tags

References

Remotes

Working Tree - D:\workspace\MyHome

MyHome