

**Use case ID:** UC01

**Name:** Get ModifRoundtrip project from GitHub (by downloading)

**Description:** The user wants to get ModifRoundtrip from the GitHub project's web site, so it download the recent version

**Actor:** User

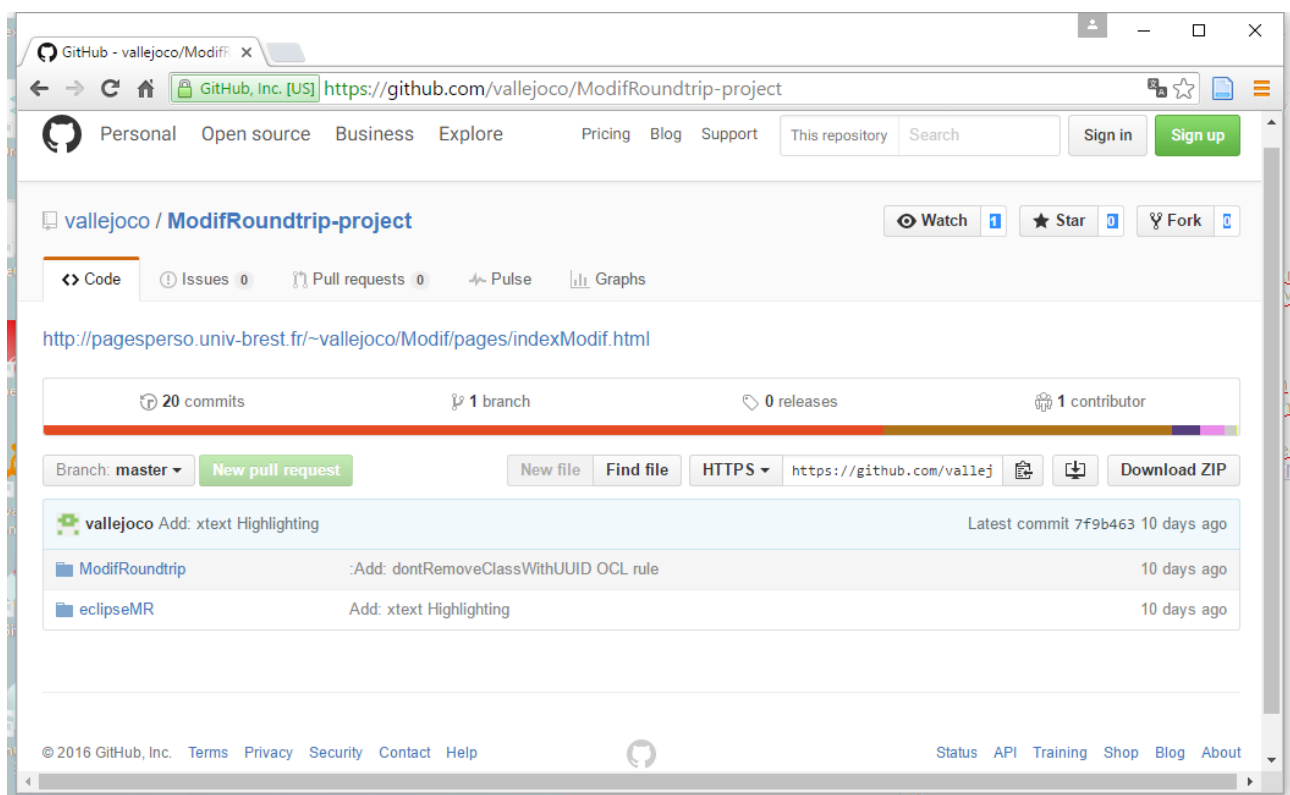
**Pre-conditions:**

- The user has a computer with Microsoft Windows 7, 8 or 10 installed
- The user has an Internet connection

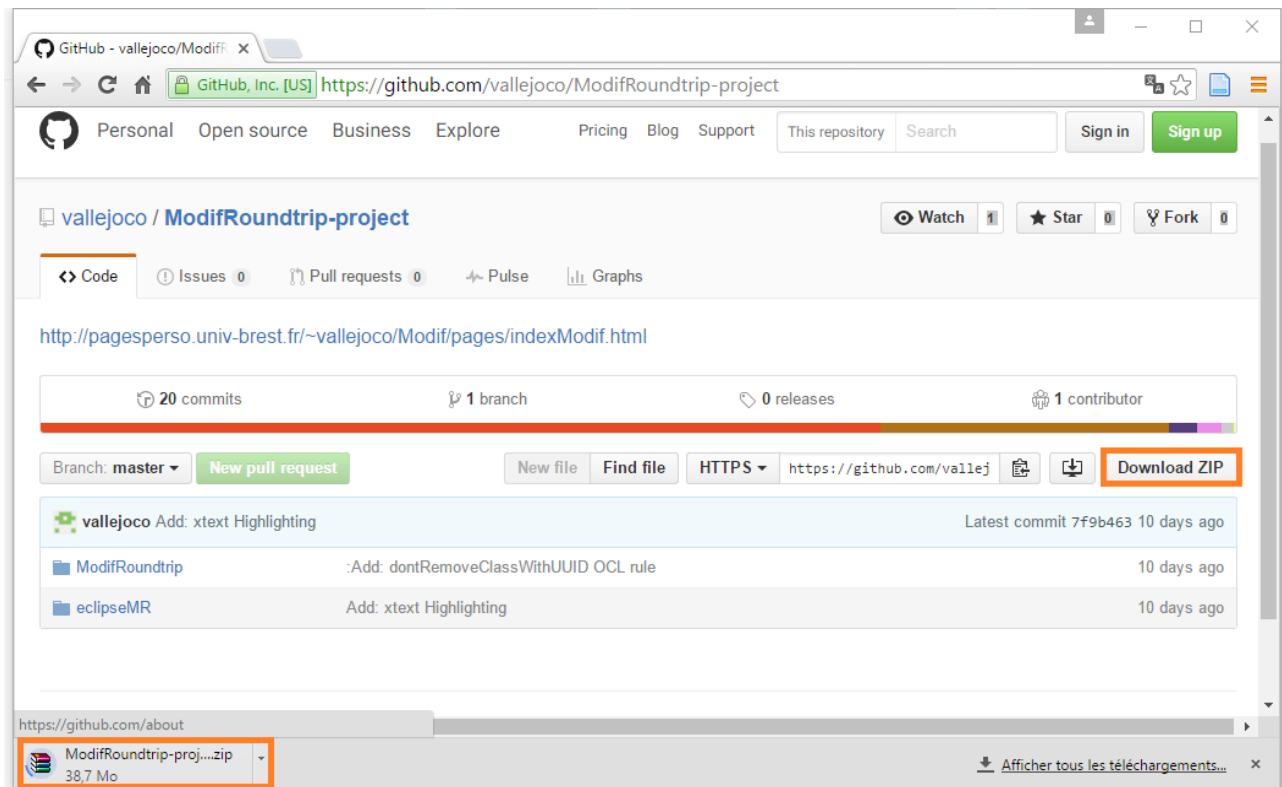
**Basic flow:**

1. User goes to the GitHub project's web site

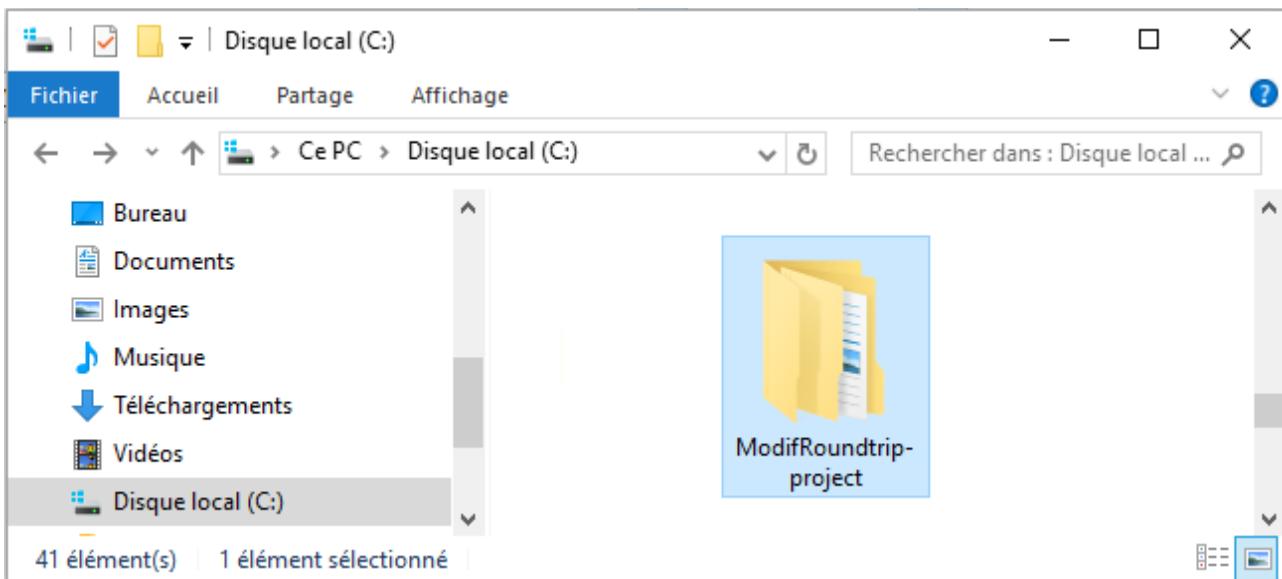
<https://github.com/vallejoco/ModifRoundtrip-project>



2. User clicks on *Download ZIP* button, the download of the zipped folder (*ModifRoundtrip-project-master.zip*) containing the project will begin. Then the User waits until the download finishes



3. User unzip and locate the unzipped folder when it prefers. It can also rename the unzipped folder.



### Alternate Flows:

### Post-conditions:

- The User has the ModifRoundtrip project

**Use case ID:** UC02

**Name:** Get ModifRoundtrip project from GitHub (by cloning)

**Description:** The user wants to get ModifRoundtrip by cloning the GitHub project

**Actor:** User

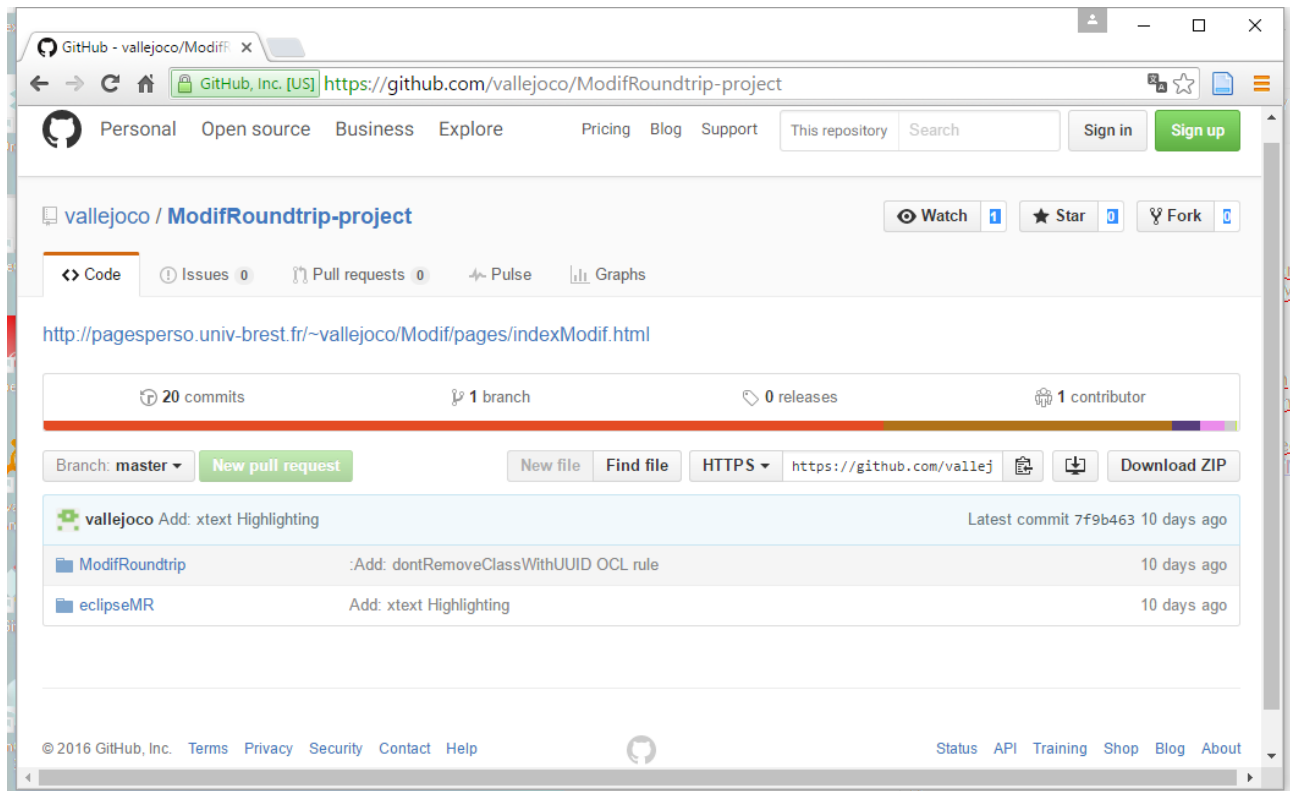
**Pre-conditions:**

- The user has a computer with Microsoft Windows 7, 8 or 10 installed
- The user has an Internet connection
- The user has git (version control tool) installed
- The user has bash (a shell to run git commands) installed

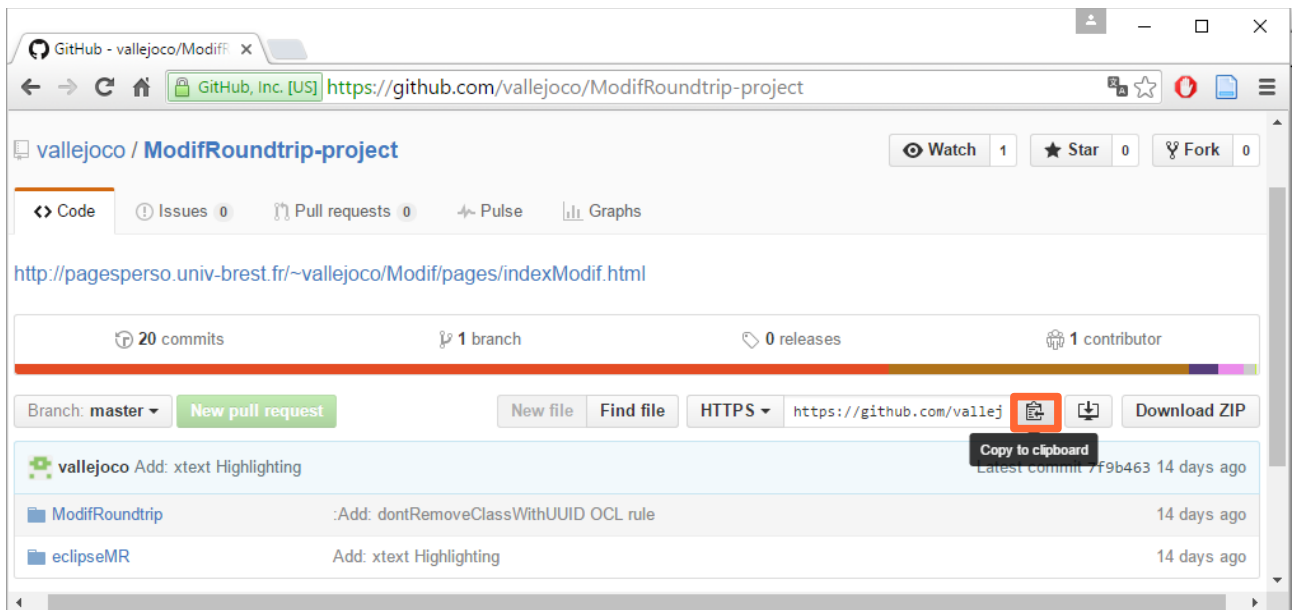
**Basic flow:**

1. User goes to the GitHub project's web site

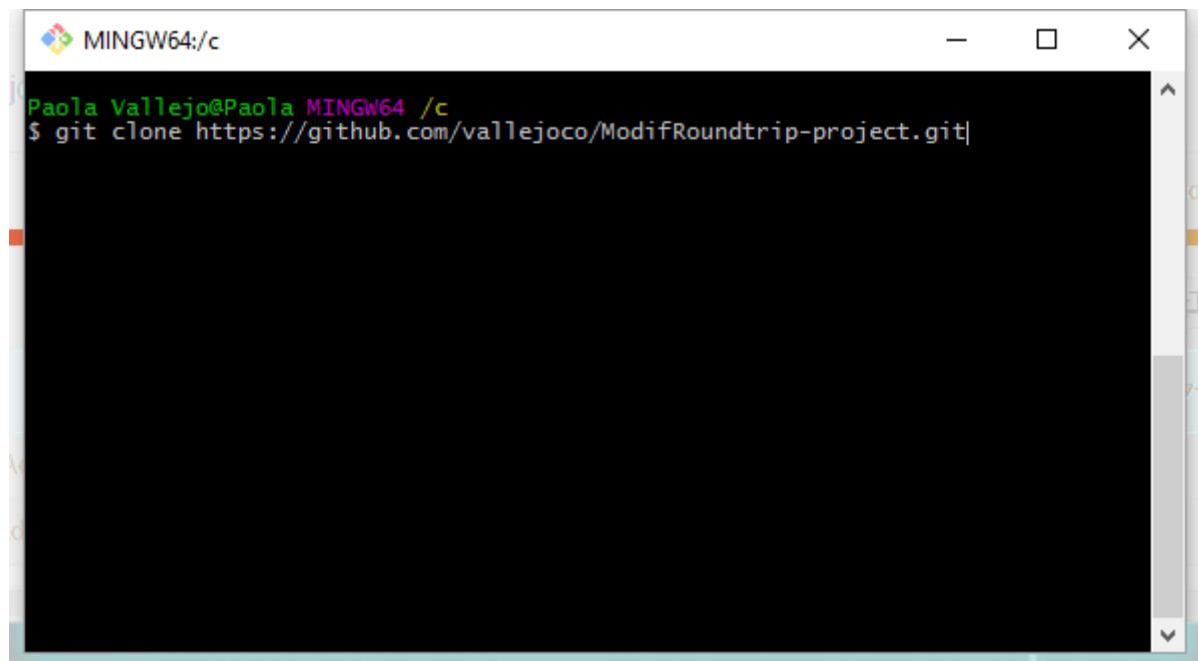
<https://github.com/vallejoco/ModifRoundtrip-project>



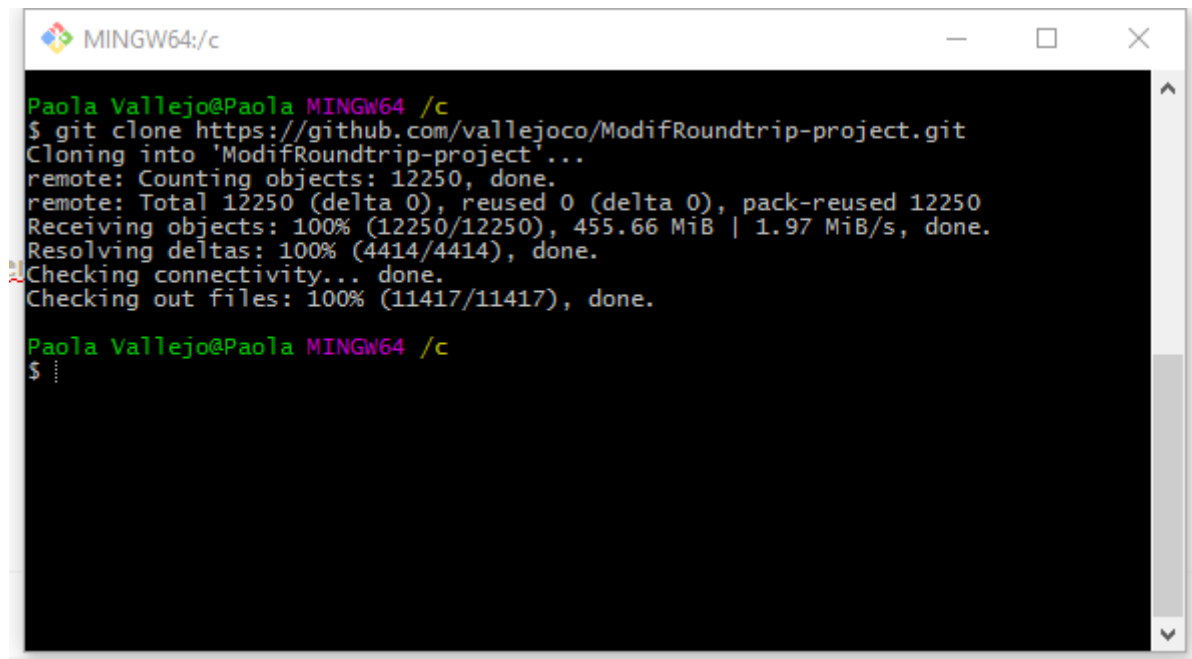
2. User clicks on *Copy to clipboard*



3. User pastes the copied URL on the bash, and executes the git clone command.  
User chooses where to locate the copy of the project.



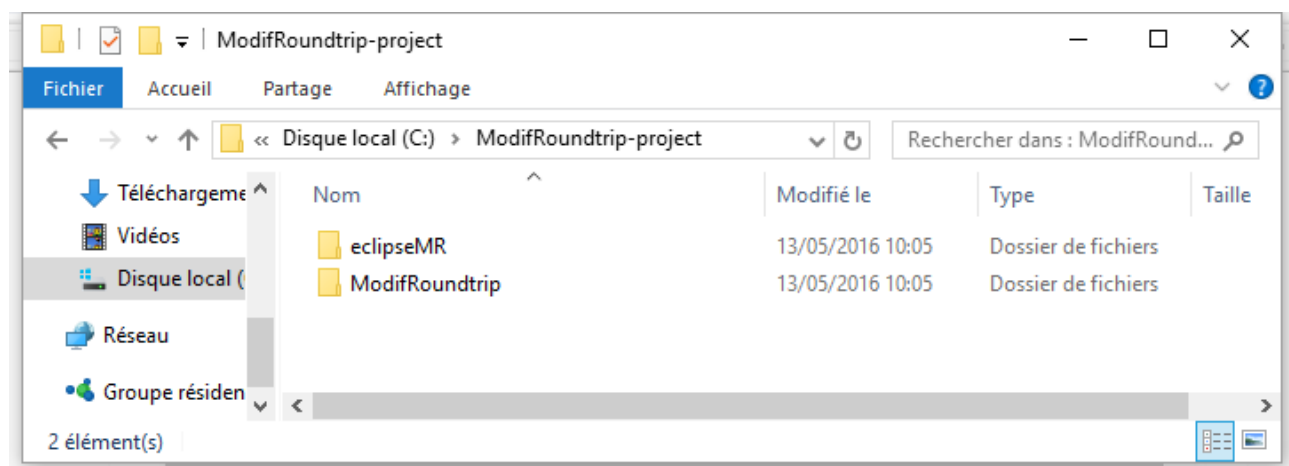
4. The user waits until the Modif project is cloned



```
MINGW64:/c
Paola Vallej@Paola MINGW64 /c
$ git clone https://github.com/vallejoco/ModifRoundtrip-project.git
Cloning into 'ModifRoundtrip-project'...
remote: Counting objects: 12250, done.
remote: Total 12250 (delta 0), reused 0 (delta 0), pack-reused 12250
Receiving objects: 100% (12250/12250), 455.66 MiB | 1.97 MiB/s, done.
Resolving deltas: 100% (4414/4414), done.
Checking connectivity... done.
Checking out files: 100% (11417/11417), done.

Paola Vallej@Paola MINGW64 /c
$ .....
```

5. The ModifRoundtrip project is copied at the choosed location



## Alternate Flows:

### Post-conditions:

- The User has the ModifRoundtrip project ready to the used

**Use case ID:** UC03

**Name:** Get ModifRoundtrip project from ModifRoundtrip project web site

**Description:** The user wants to get ModifRoundtrip from the ModifRoundtrip project web site, so it download the recent version

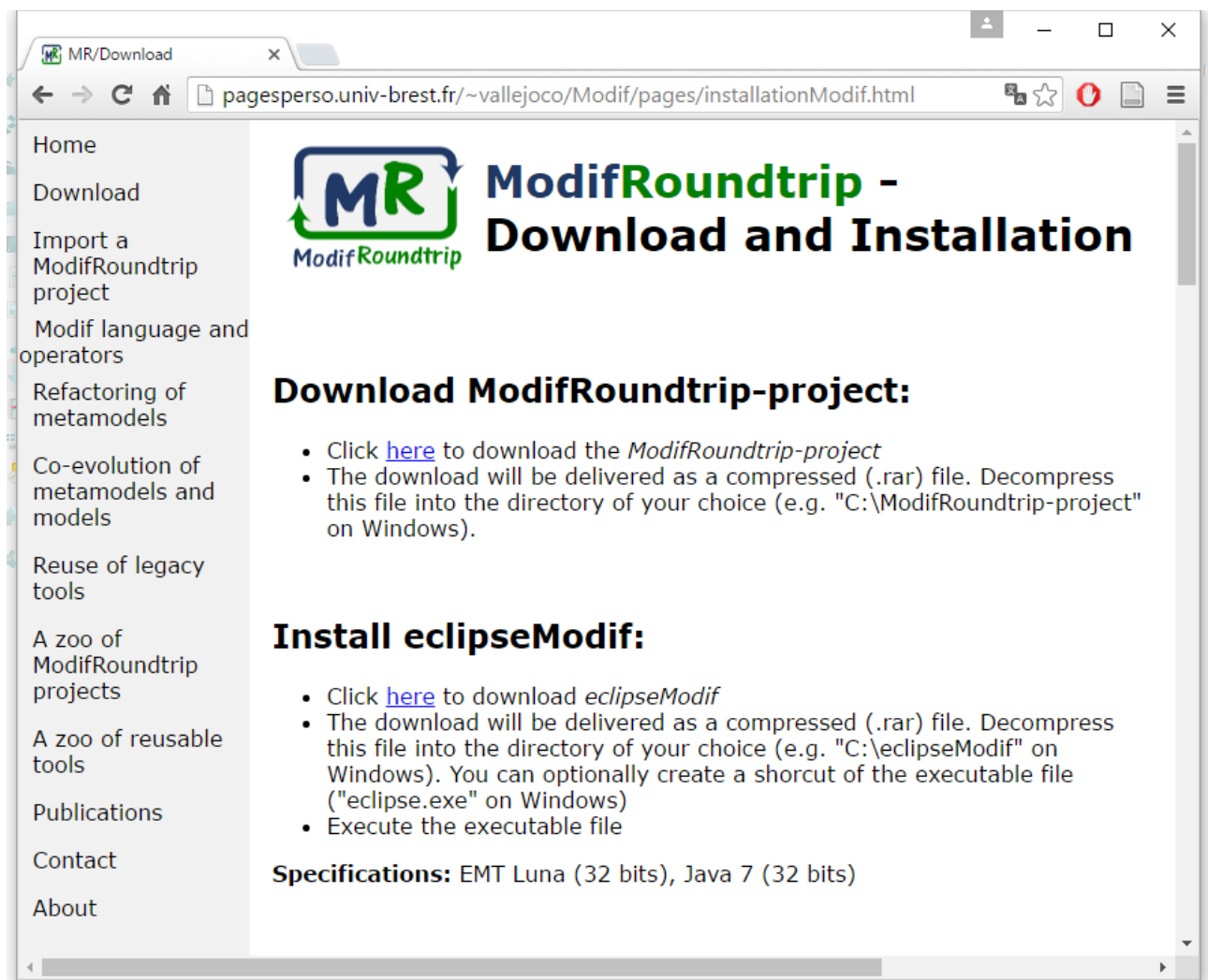
**Actor:** User

**Pre-conditions:**

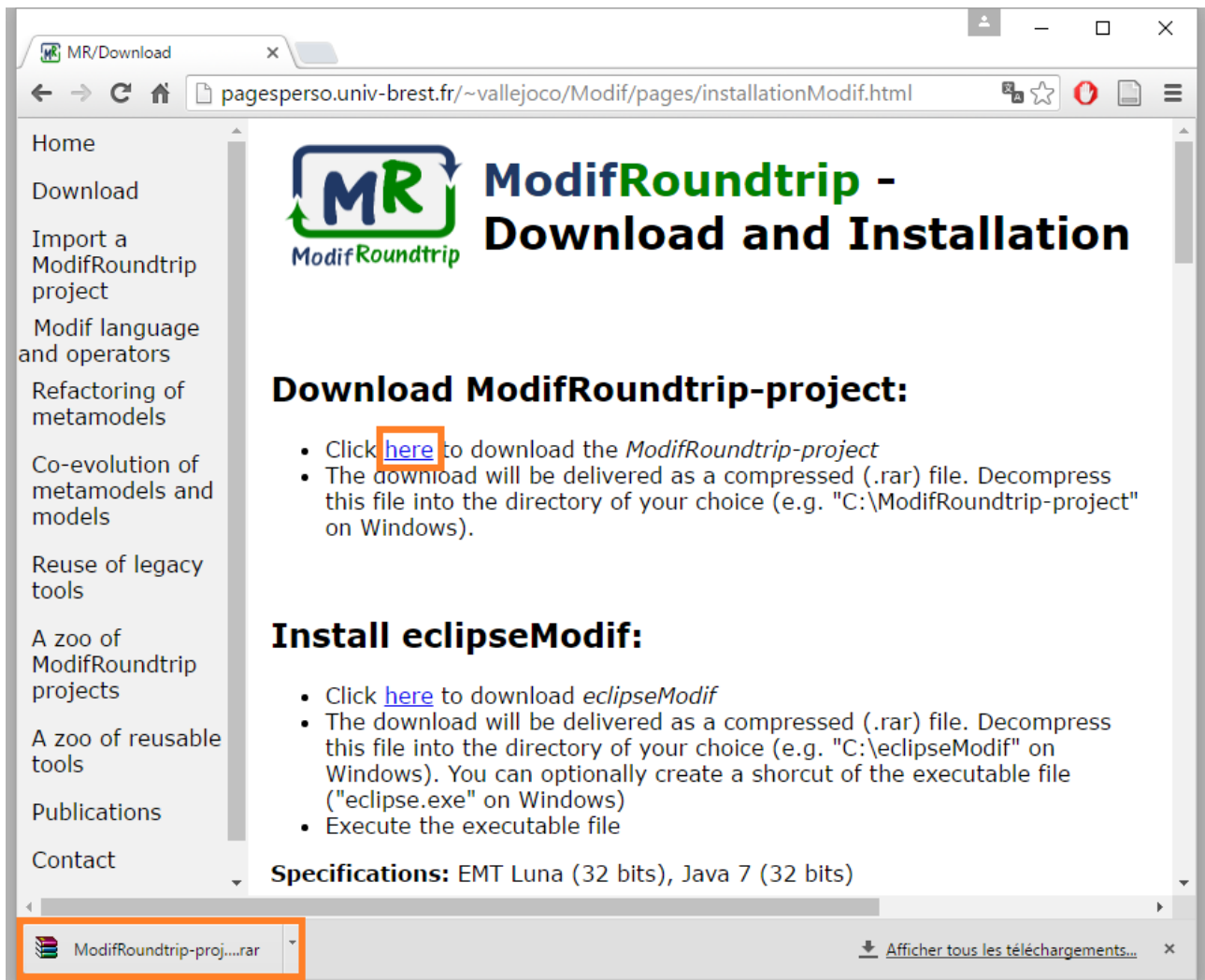
- The user has a computer with Microsoft Windows 7, 8 or 10 installed
- The user has an Internet connection

**Basic flow:**

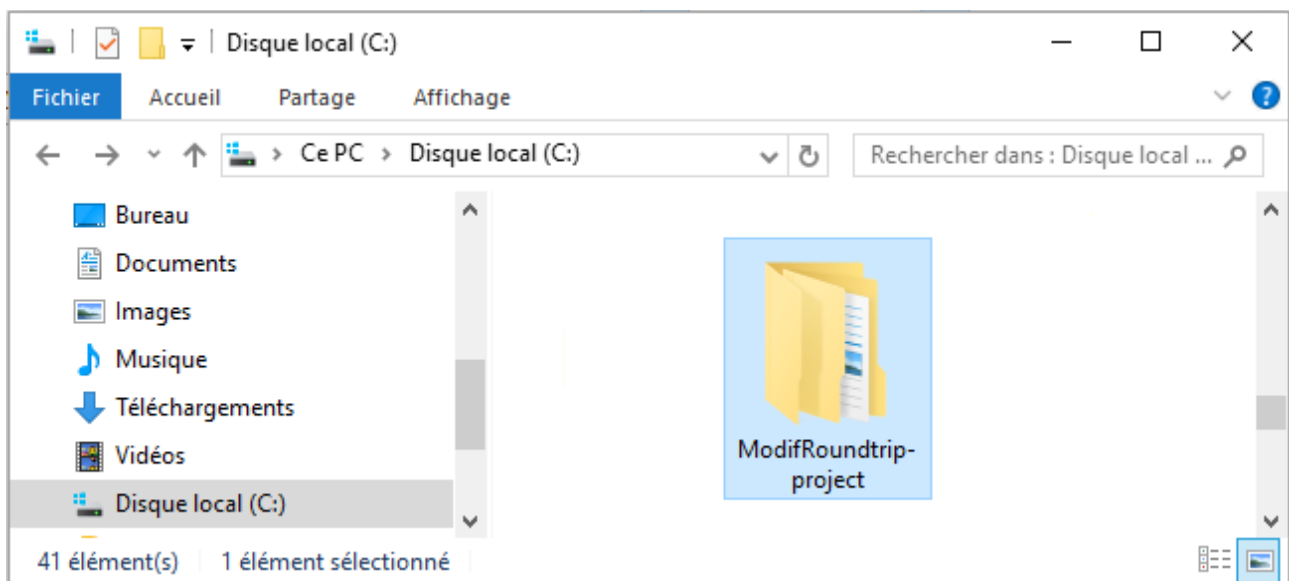
1. User goes to the ModifRoundtrip project web site  
<http://pagesperso.univ-brest.fr/~vallejoco/Modif/pages/installationModif.html>



2. User clicks on *here*, the download of the zipped folder (*ModifRoundtrip-project.rar*) containing the project will begin. Then the User waits until the download finishes



3. User extract files and locate the unzipped folder when it prefers



**Alternate Flows:**

**Post-conditions:**

- The User has the ModifRoundtrip project ready to be used

**Use case ID:** UC04

**Name:** Execute eclipseMR

**Description:** The user launches the execution of eclipseMR

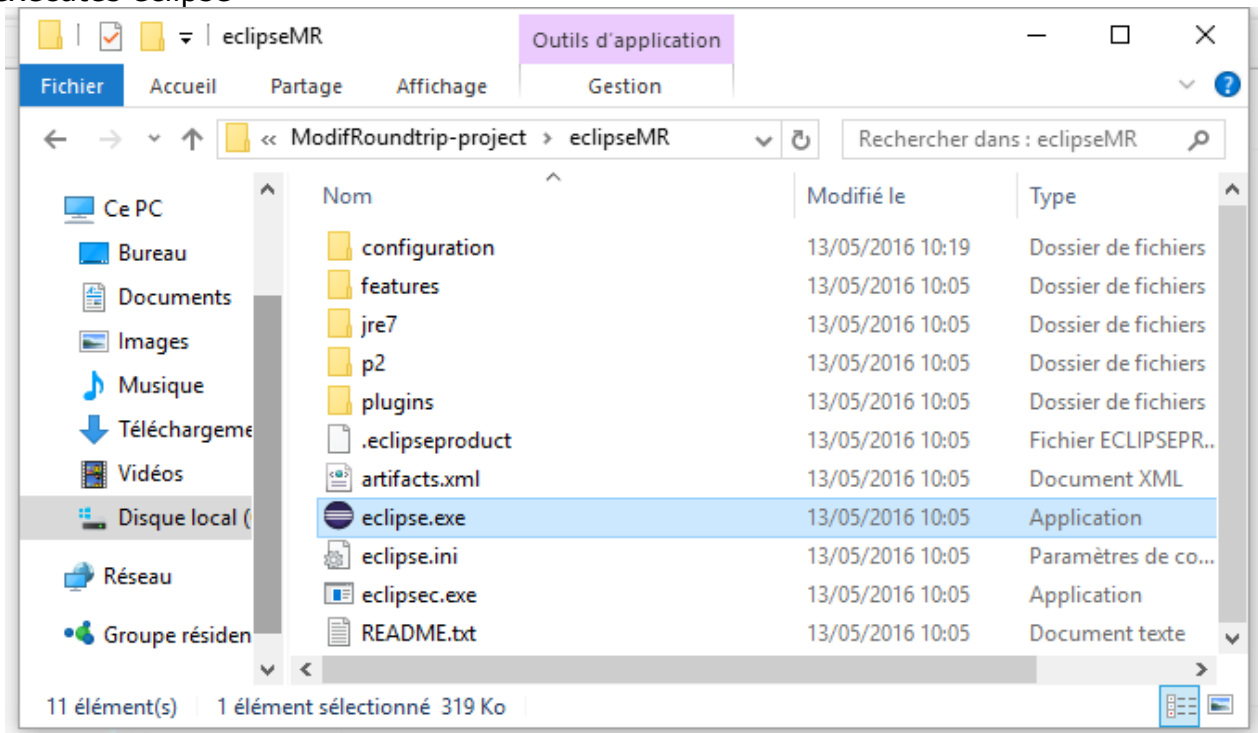
**Actor:** User

**Pre-conditions:**

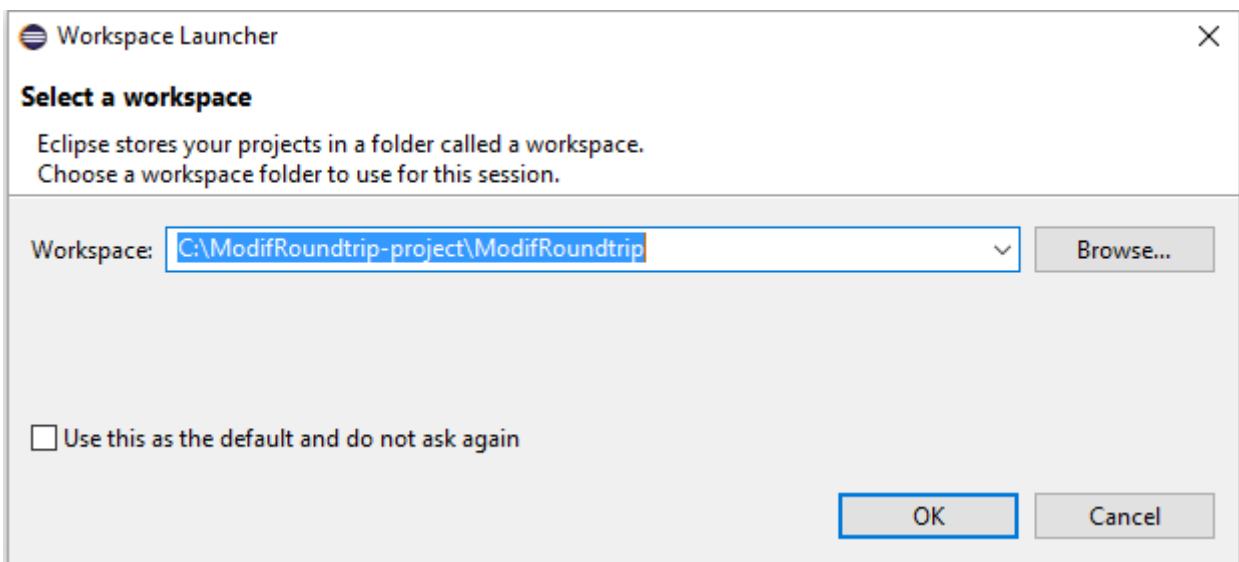
- The user has the ModifRoundtrip-project

**Basic flow:**

1. User goes to the eclipseMR folder, located in the ModifRoundtrip-project and executes eclipse



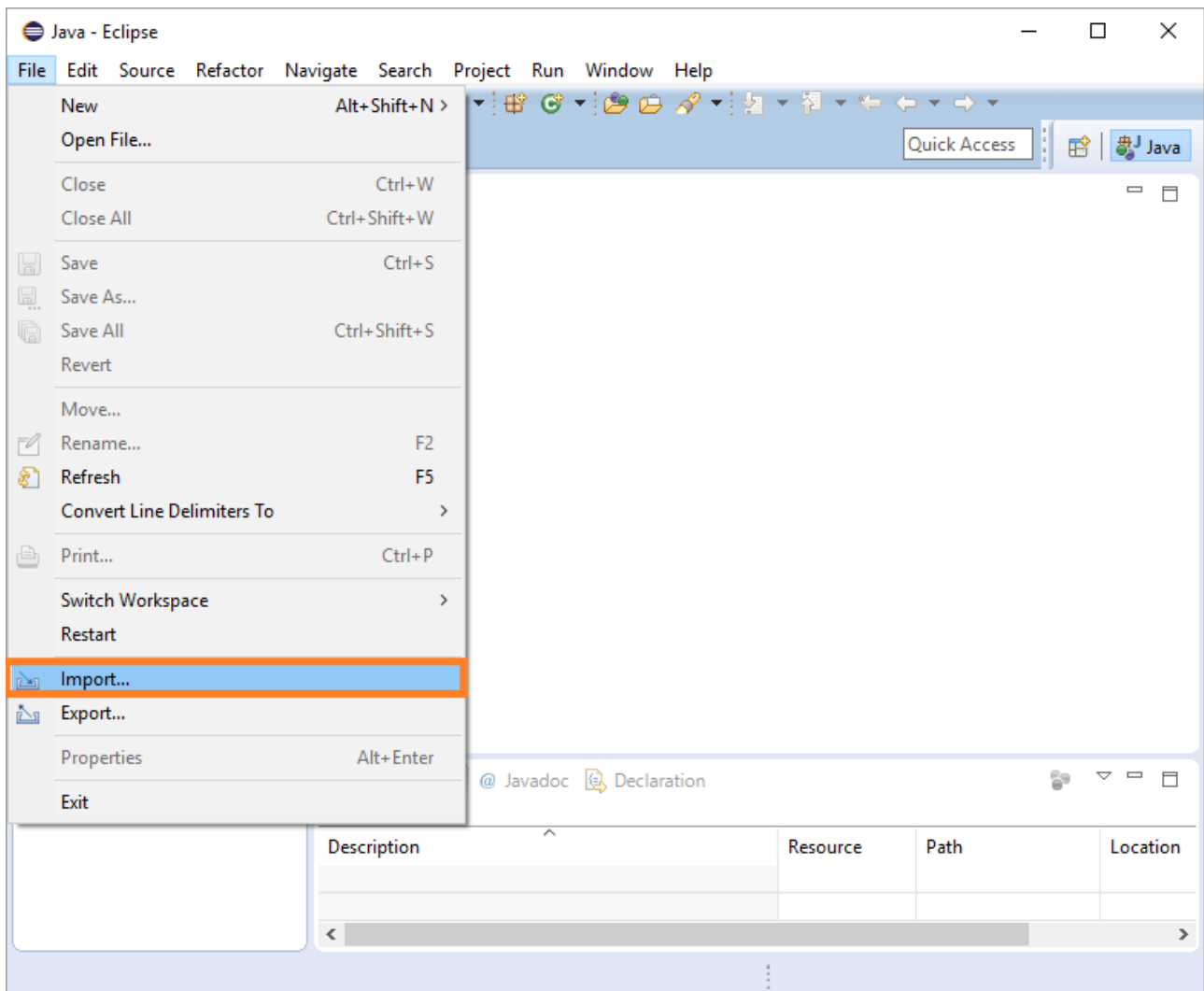
2. User select the ModifRoundtrip folder as workspace

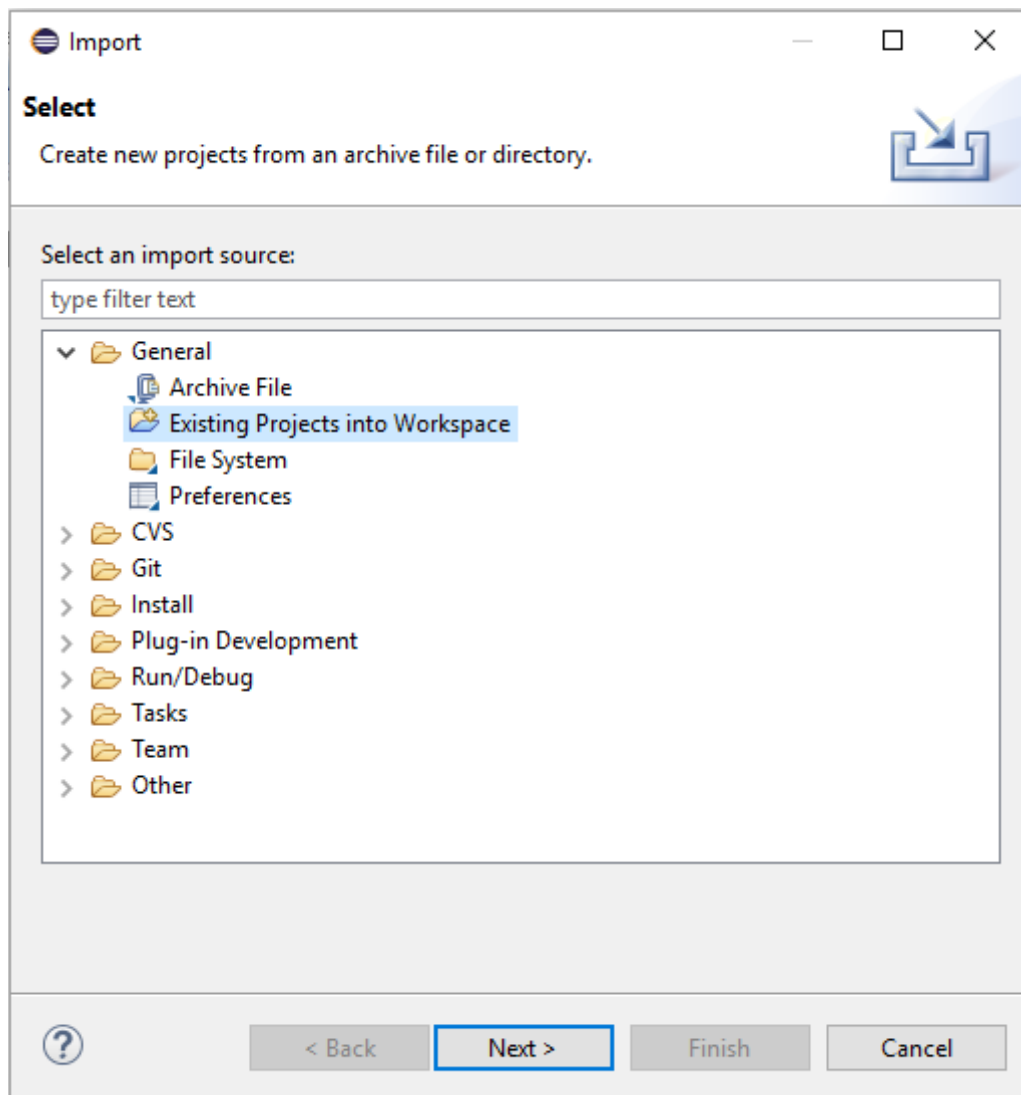


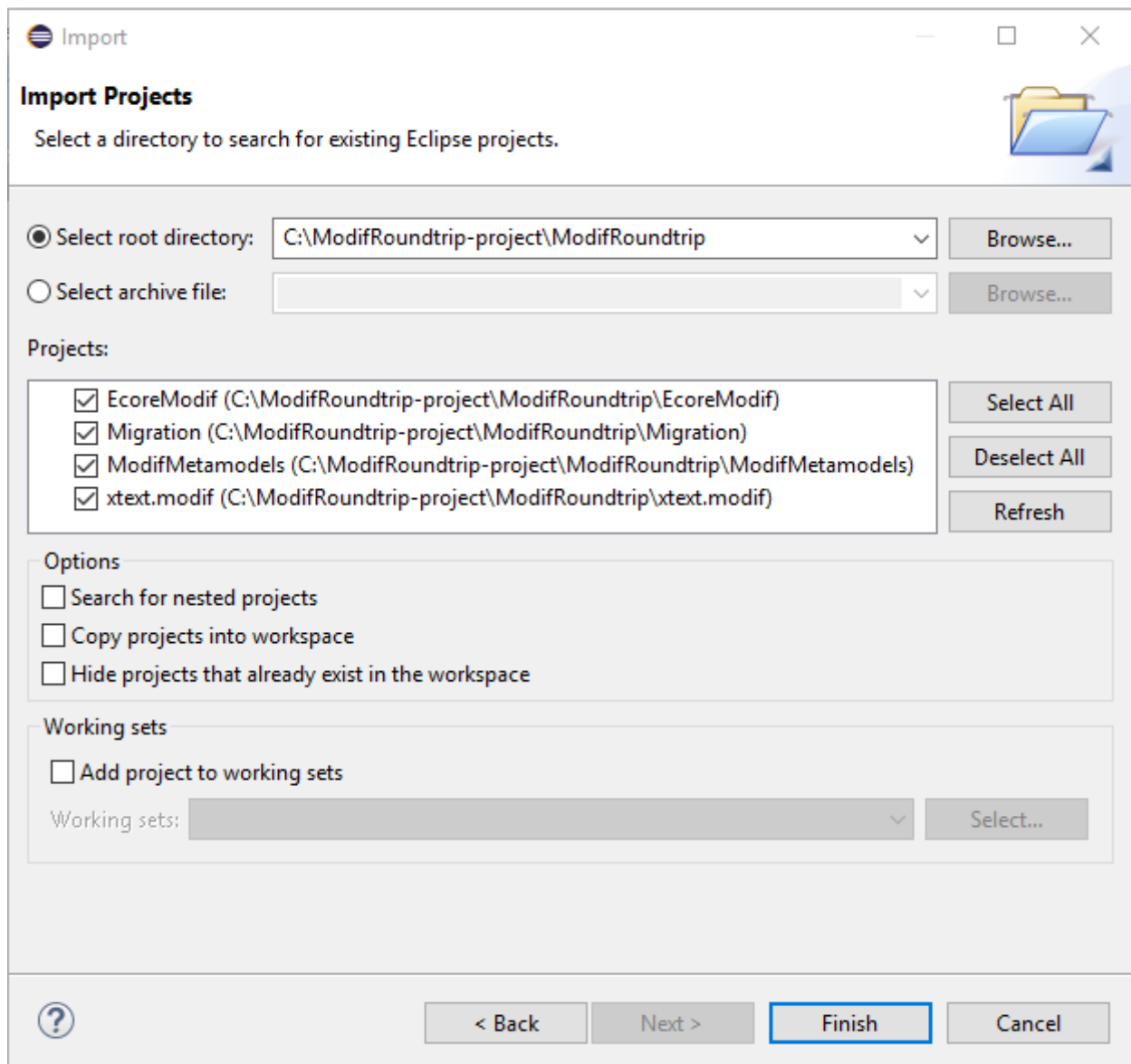


## Alternate Flows:

### 3.1 The user import the projects







**Post-conditions:**

- The User has the ModifRoundtrip project ready to be used