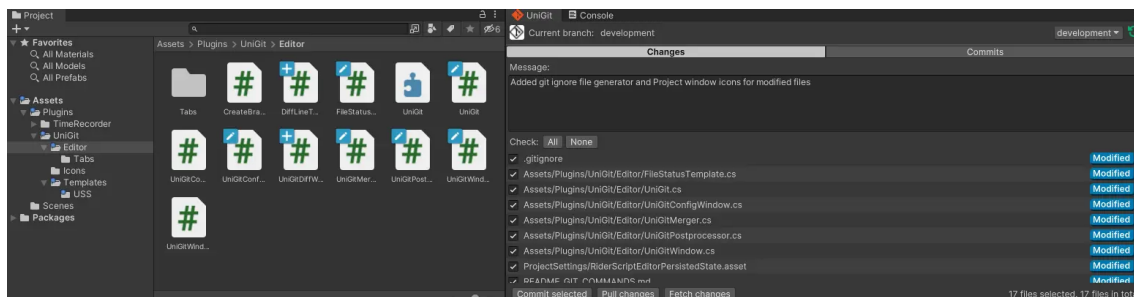
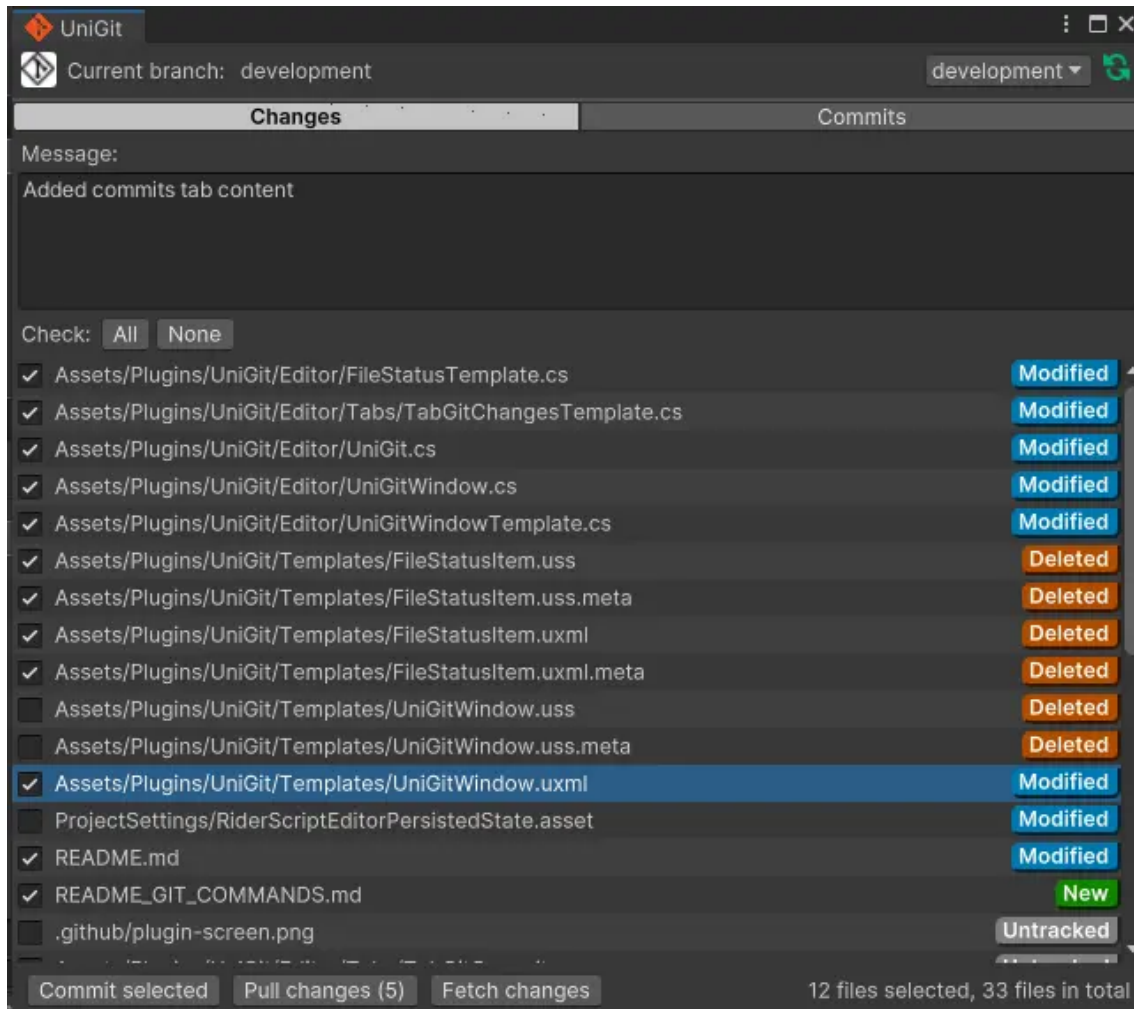


# UniGit

## Git integration for Unity projects, all basic tools inside the editor

⚠️ **Plugin under development:** I'm still working on this project 👷 so be careful using it on large projects 🚧🚧



## Features

- ☒ List changes (Modified, untracked, new, merge error)
- ☒ Commit files by selecting them
- ☒ Push pending commits
- ☒ Fetch changes
- ☒ Pull changes
- ☒ Create & switch branch
- ☒ Display git commits, filter by branch
- ☒ Context Menu on right click on an asset
- ☒ Generate .gitignore
- ☒ Draw status icon on files with modifications or tracked by git
- ☒ Private ssh key support
- ☐ Merge tool or open X file with the script editor assigned in preferences
- ☐ LSF support
- ☐ Draw icon for ignored files/folders

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## Requirements

- You must have the git command line tools registered in your system path, you can install it at <https://git-scm.com/download>.
- Unity 2021.3.x

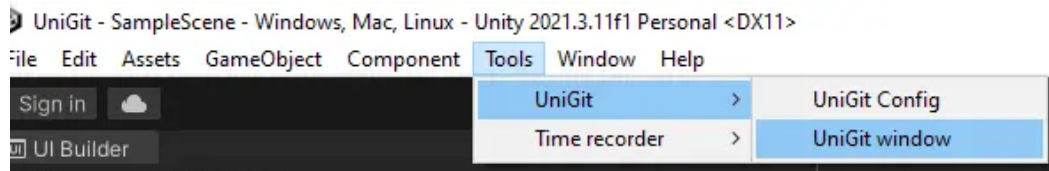
## Installation

////////

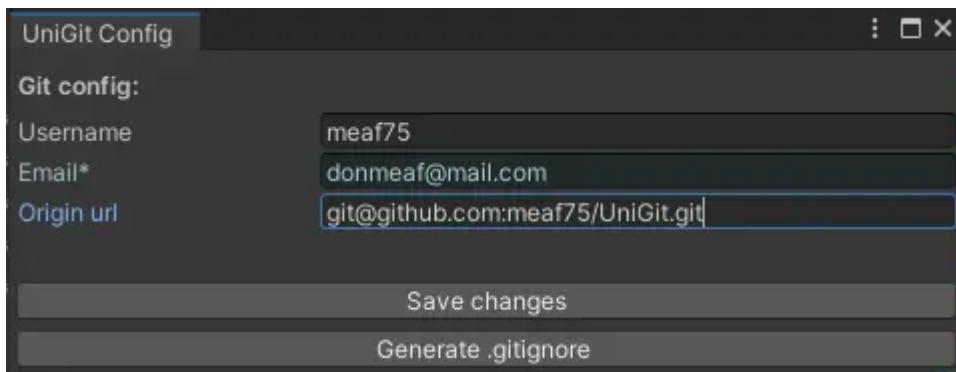
# Instructions

## Configuration

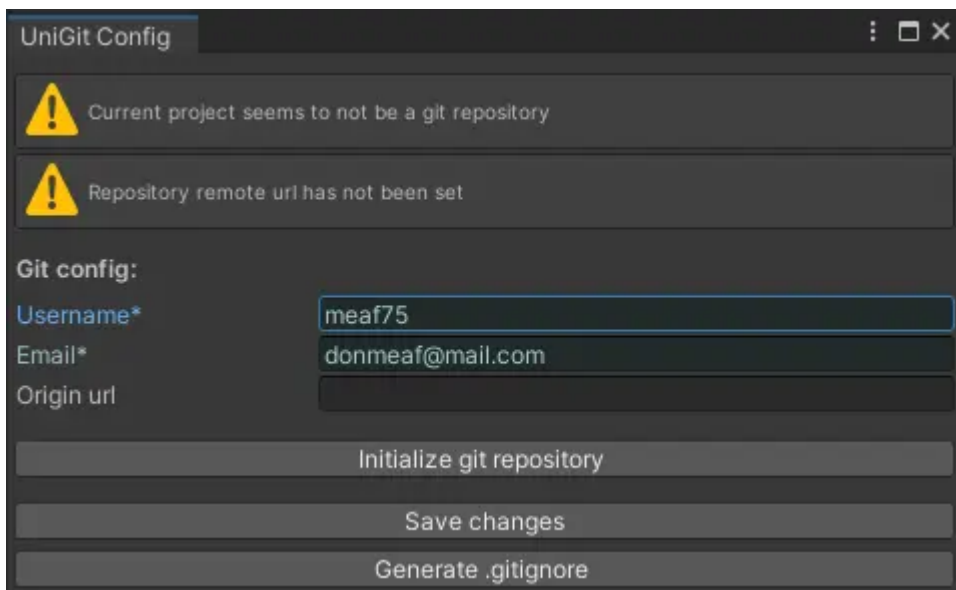
- All windows are located under Tools/UniGit.



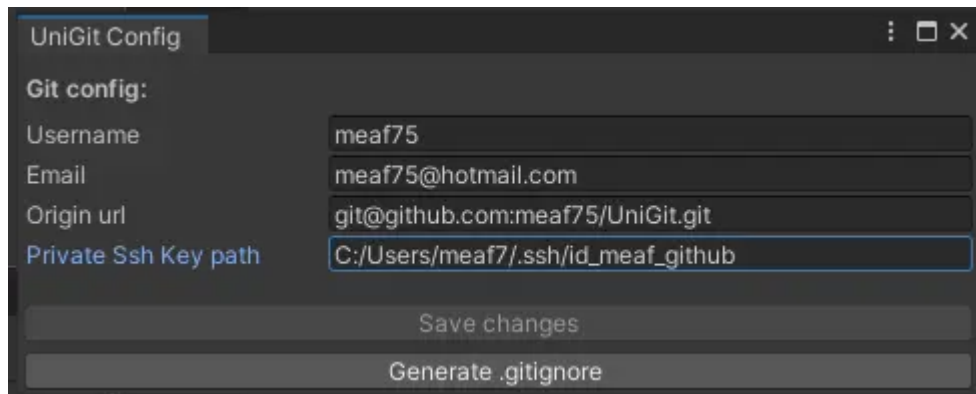
- Configuration window allows you setup repository information (Tools/UniGit/UniGit Config).



- Make sure your project is a git repository if not then you can initialize your project from the config window (Tools/UniGit/UniGit Config).

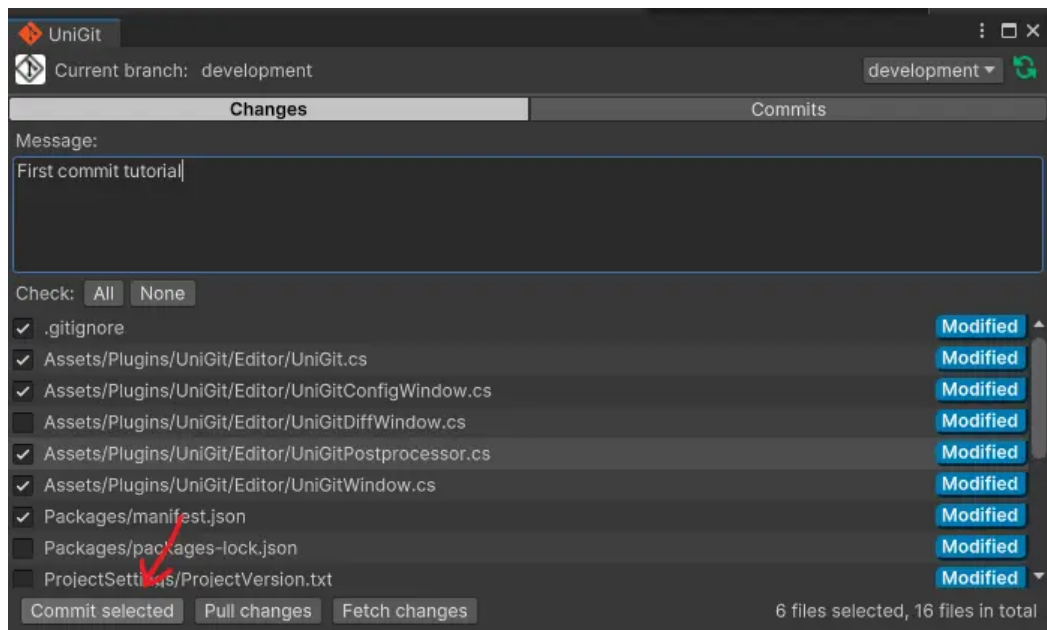


- You can also set a ssh key path to authenticate with your private repository by setting the private ssh key path.

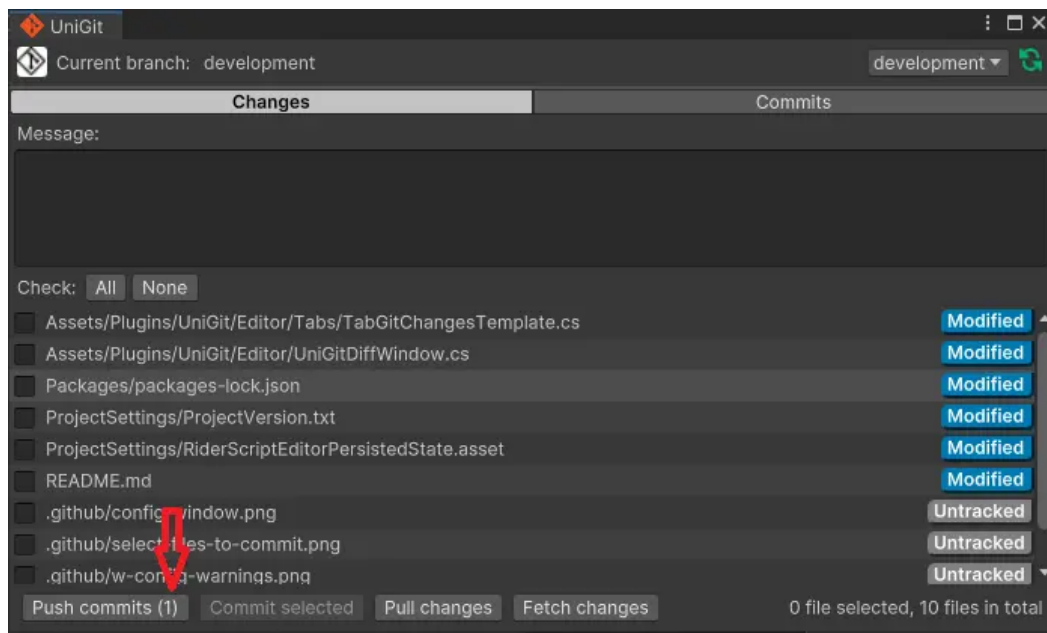


## UniGit window

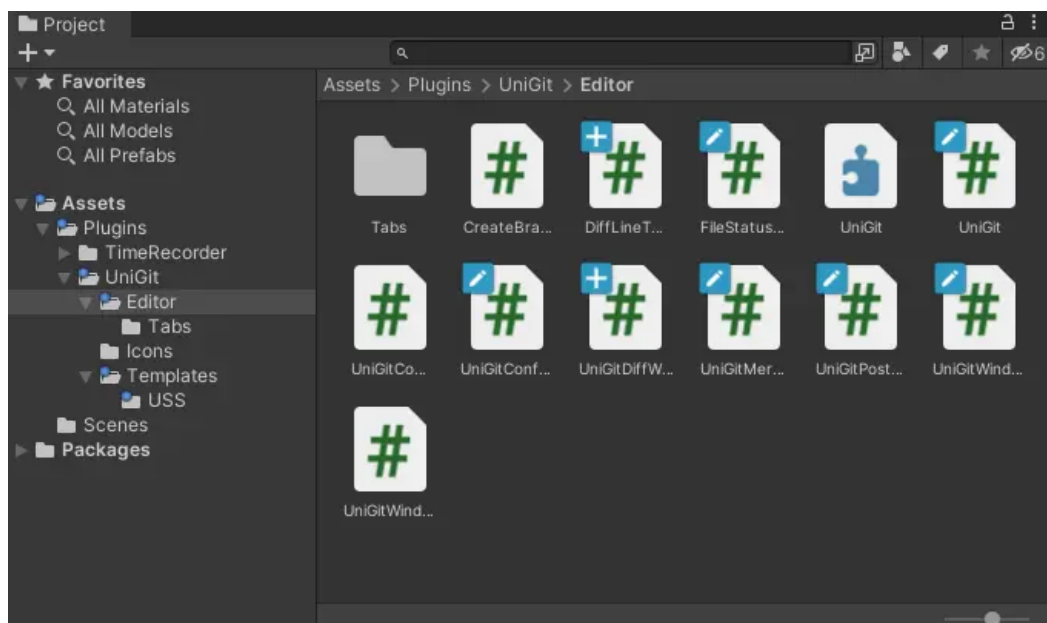
- First you will need to select the files you want to commit, you can do it by selecting the files in the UniGit window (Tools/UniGit/UniGit Window), add a commit message and add a commit message, finally you have to click the "Commit selected" button, this action will add selected items and commit them.








- After commit your files the final step is push your commit, when you have commits without push a "push" button will appear next to the "Commit selected" button, click it to push your pending commits, this action will make the selected files to disappear from the list don't worry they are staged with the new commit.



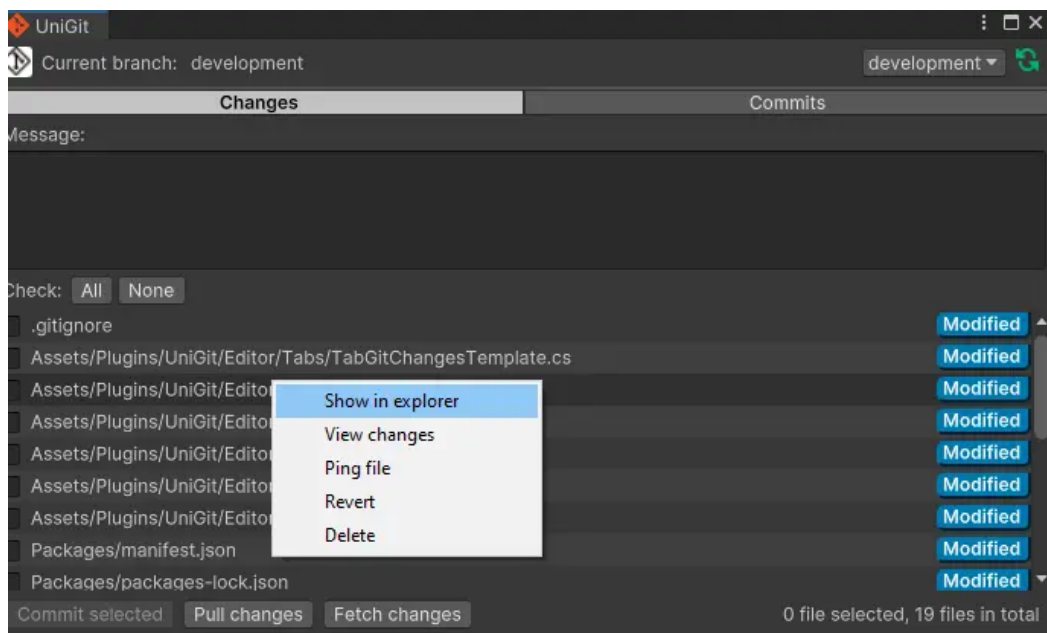
- Icons will be drawn over the project assets to represent their git status inside unity



Status	Icon
Deleted	
Modified	

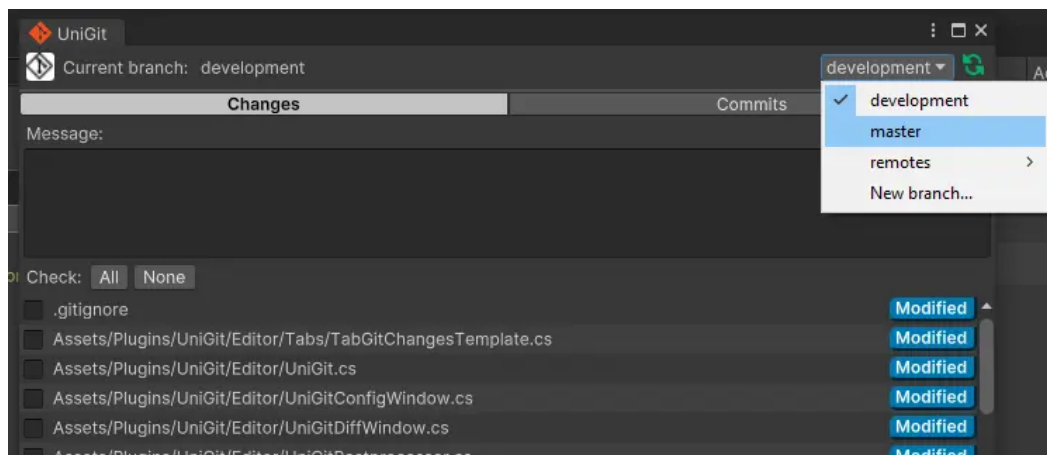
Type changed	
Renamed	
Copied	
New	
Unknown	

- Context menu, if you right click over a element in the list of tracked files a pop up will appear with some useful actions

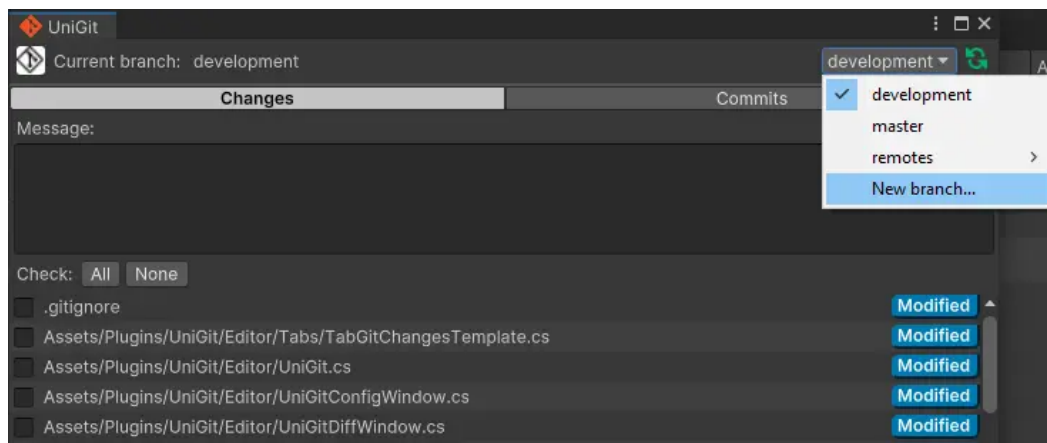


## Branching

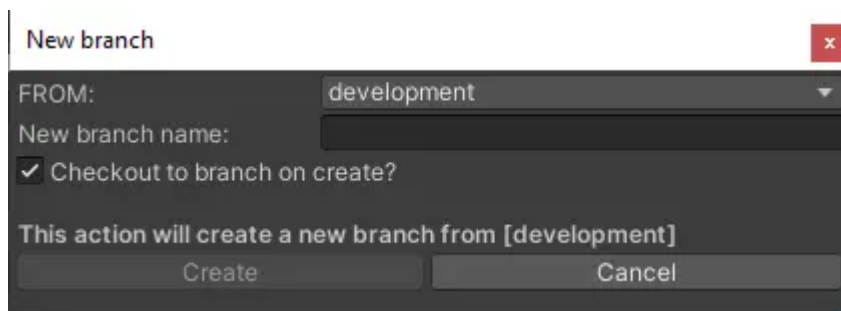
- branching, you can switch between git branches by clicking over the drop down at the top right corner of the UniGit window, all tracked branches will be displayed as value in the dropdown menu



- you can also create a new branch by selecting "New branch..." option in the branch dropdown.

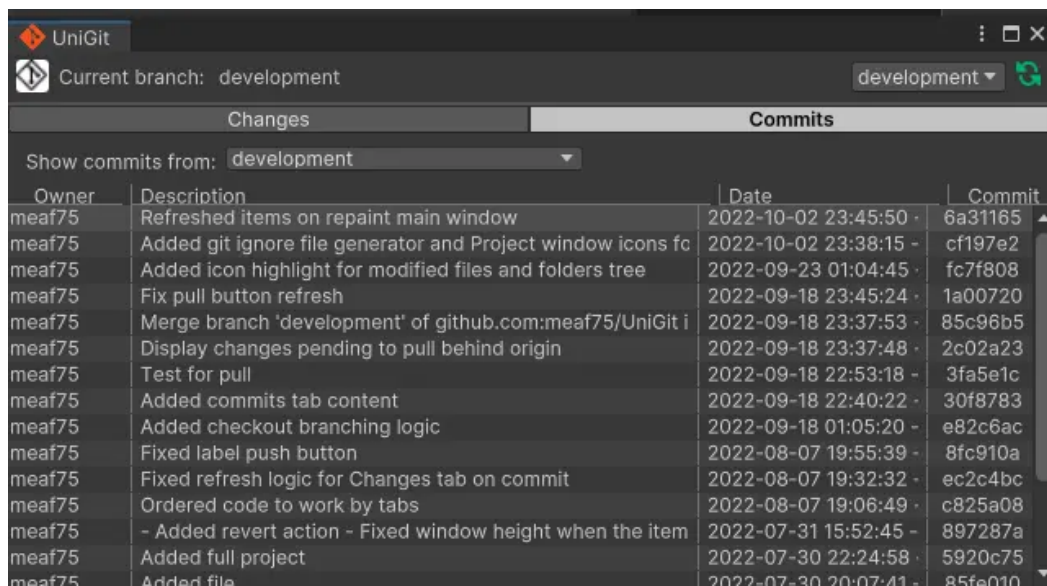


this action will make appear a window where you can set the information for the new branch



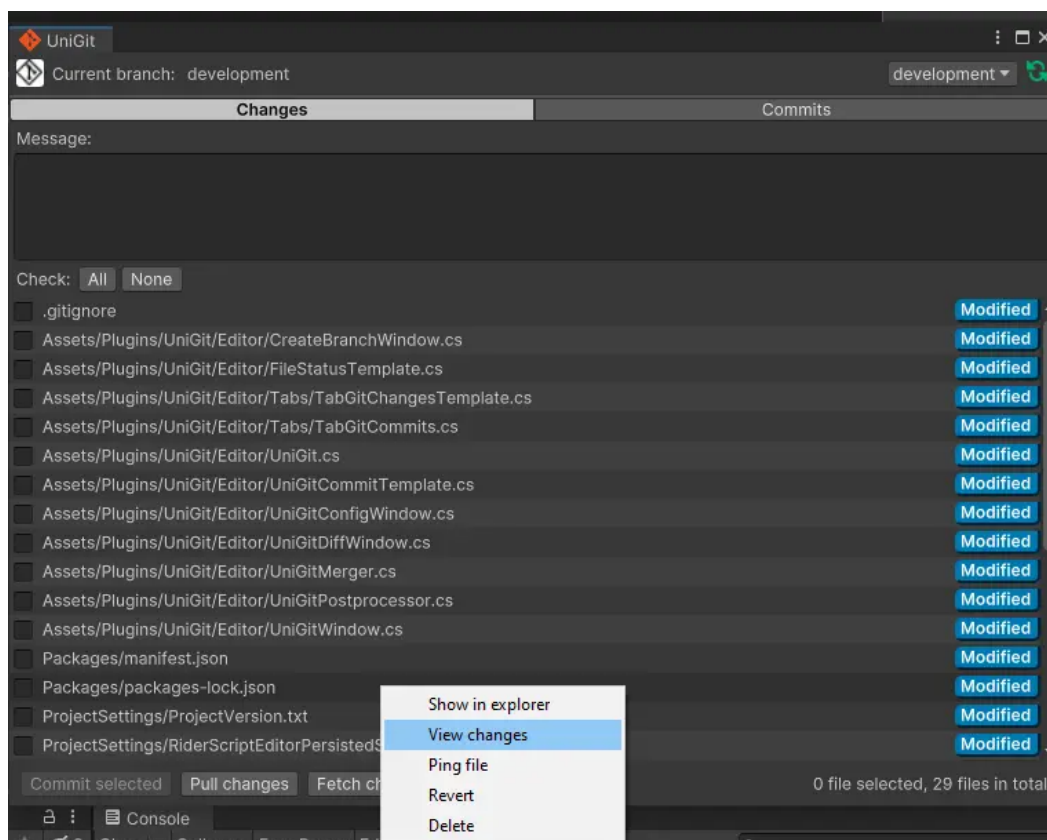
## Commits tab

- You can list the commits made in a specific branch by selecting the "Commits" tab in the UniGit window



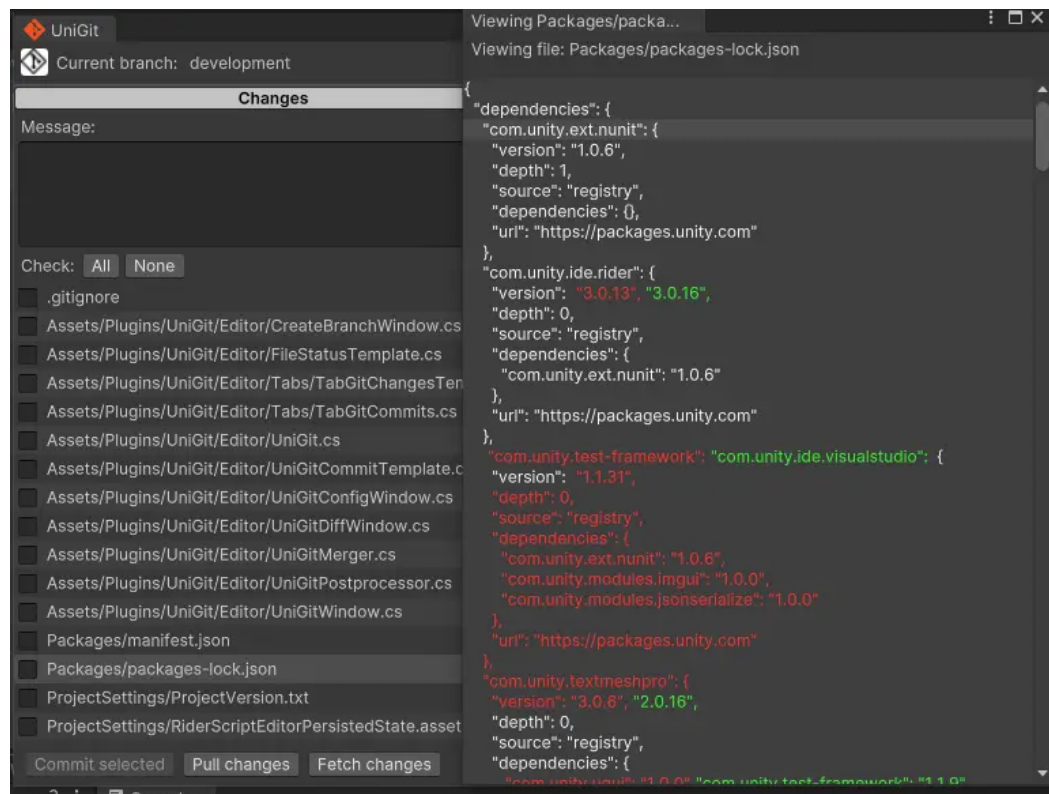
## Diff window

- You can see the changes that you made from a specific file by right clicking over a file in the ListView and selecting "View changes"



This action will open a window to display all the changes for the selected file





## Git commands used

You can find a full list of all the git commands used on this project at [README GIT COMMANDS.md](#)