Lab 00
How to Survive & Introduction to Git

Software Studio
DataLab, CS, NTHU

Notice

- These slides will focus on how to submit you code by using Git command line
- You can also use other Git GUI tool or built-in Git tool in other IDE/editor

Teaching Assistants

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馮劭哲

Chun-Ping Fang

方竣平

Tzu-Ling Hsieh

謝紫翎

How to Find Us?

- Office Hour (TAs)
  - Mon. 10:10~12:00 at Delta 729
- Email (**Personal question only**)
  - ssta2025@datalab.cs.nthu.edu.tw
    - Shao-Che Feng: scfeng@datalab.cs.nthu.edu.tw
    - Chun-Ping Fang: cpfang@datalab.cs.nthu.edu.tw
    - Tzu-Ling Hsieh: tlhsieh@datalab.cs.nthu.edu.tw
- Online Forum
  - eeclass


Google

If I have Question?

- Always Google first !
  - Learn how to google is important.
- If you try your best but still can’t catch it.
  - Feel free to ask us on eeclass or office hour.

Today’s exercise (1/2)

- Install Git command line tool in your computer.
  - Follow appendix “Git Command-line Tool Installation”.
- Follow following steps.

Outline

- General Rule
- Introduction to Git
    - Version control
    - Git Basics
    - Try Git!
    - Remote Repositories
- How to Submit Your Code to Gitlab
- Tools & References

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The Policy of Labs

- **<u>All labs need to be submitted to GitLab.</u>**
- Late submission will **not** be accepted.
- Plagiarism will not be tolerated.
  - If we find you copy someone's code, you will get **0 point** for that lab.
- Grading
  - Submission before lab ends gets 100% score
  - Submission before **11:59pm** gets 60% score

Grading Example

- 4 problems, 25% each
- Solved 4 during the lab
  - 100
- Solved 3 during the lab, 1 before 11:59pm
  - 75 + 25*0.6 = 90
- Solved 4 after the lab, before 11:59pm
  - 100 * 0.6 = 60

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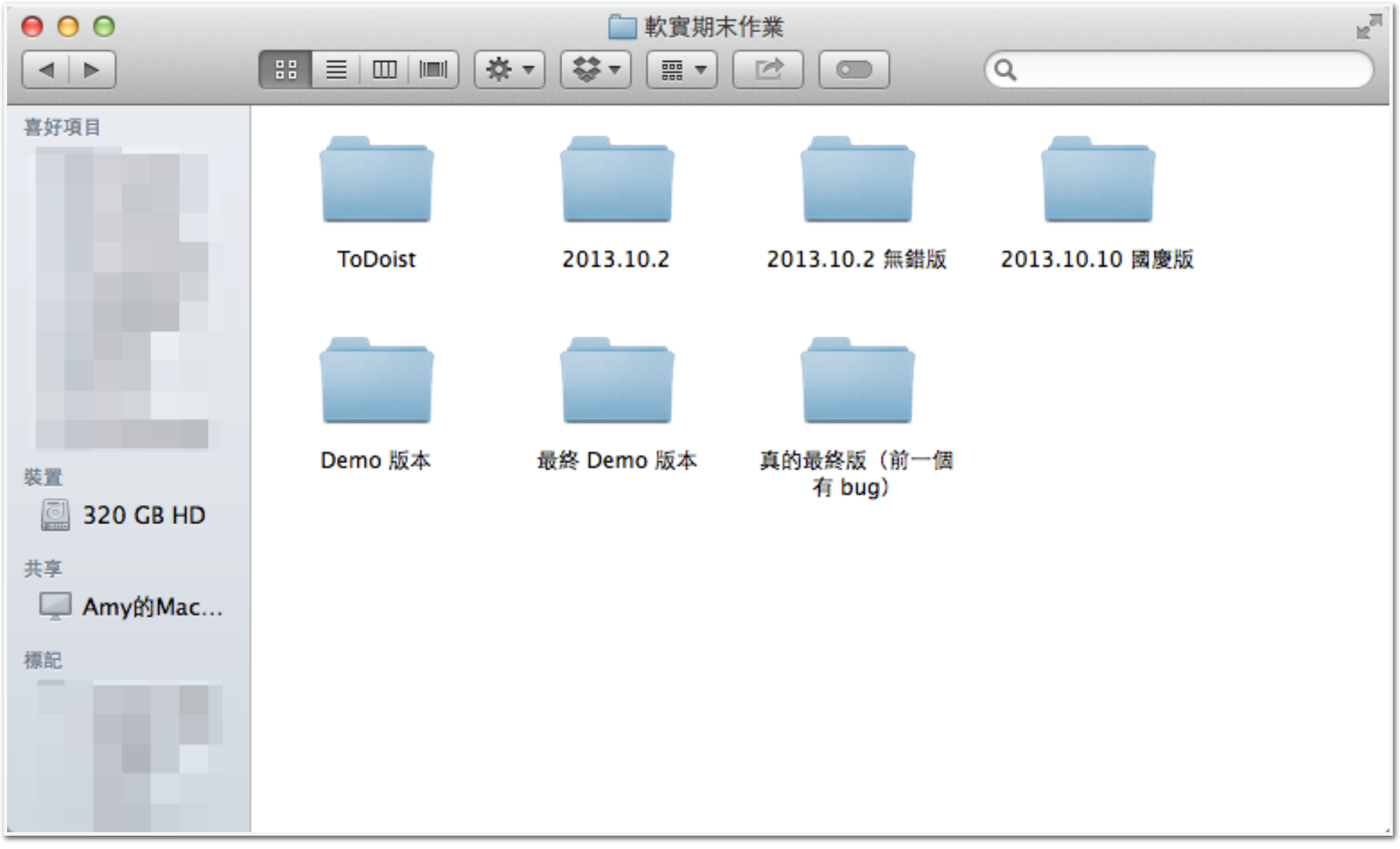
Why use version control?

We want to track what we did and when we did it.

Students' VCS



Why use VCS?

- Managing your projects - tracking your files and modifications.
- Synchronization between modifications made by different developers.
- Revision history is still very helpful even if you work alone.

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Git

Git

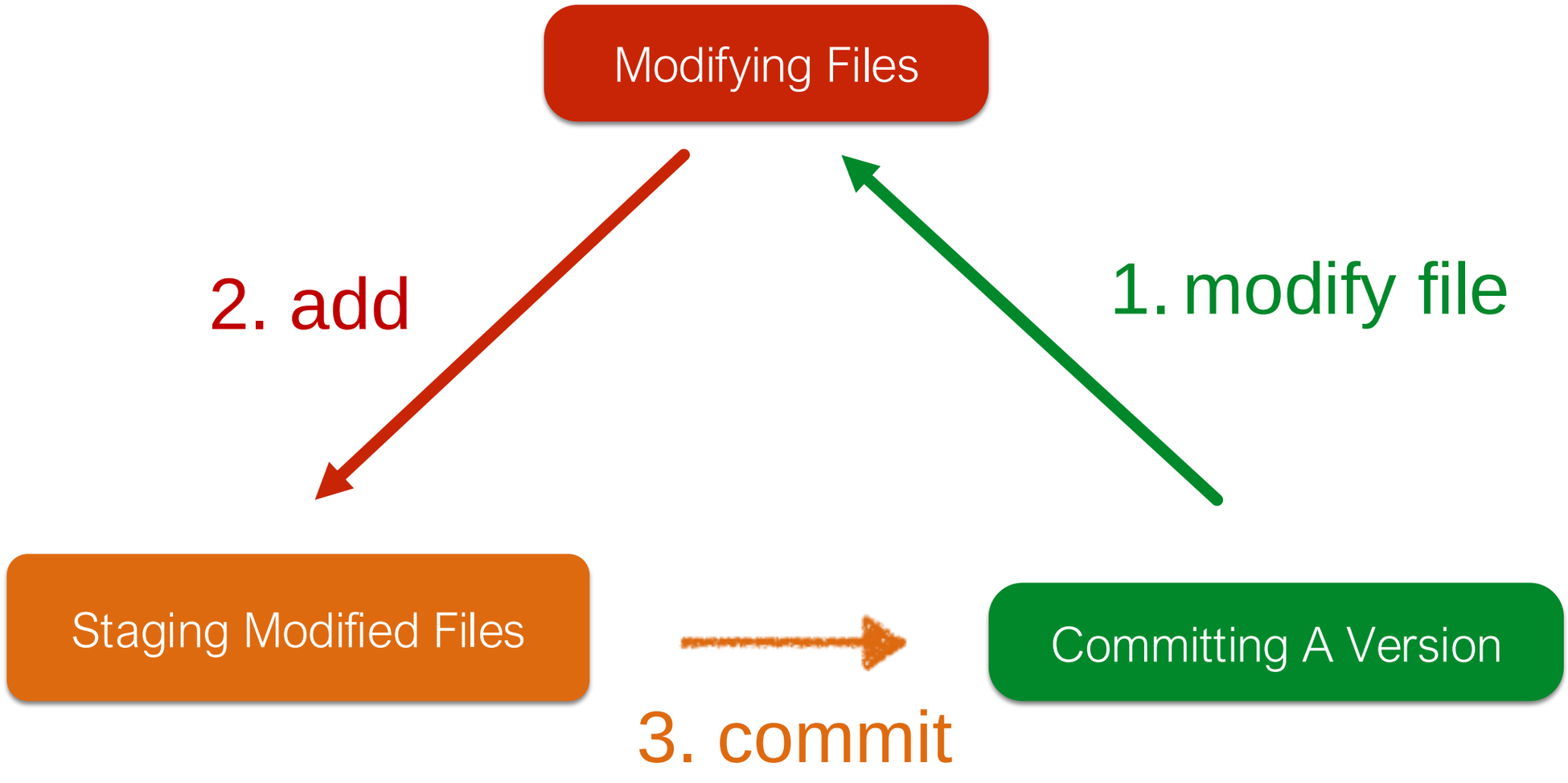
- Git is a popular version control system which is
  - Fast
  - Easy to use
  - Distributed
- A git repository is a mini database that tracks your files.

Git Workflow (1/2)

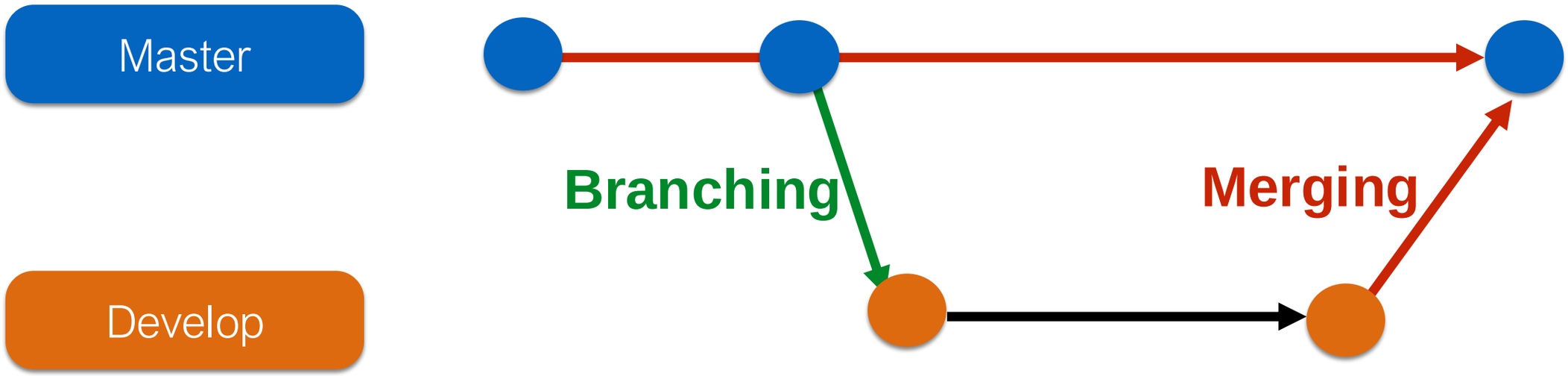
- With a local repository in your computer, you'll need following operations to make git track your work:

1. Create/modify files
2. Let git monitor the files by *adding* them to staging files.
3. *Commit* your changes to and git will create snapshots (versions) of the files for you.

Git Workflow (2/2)



Git Branch



Outline

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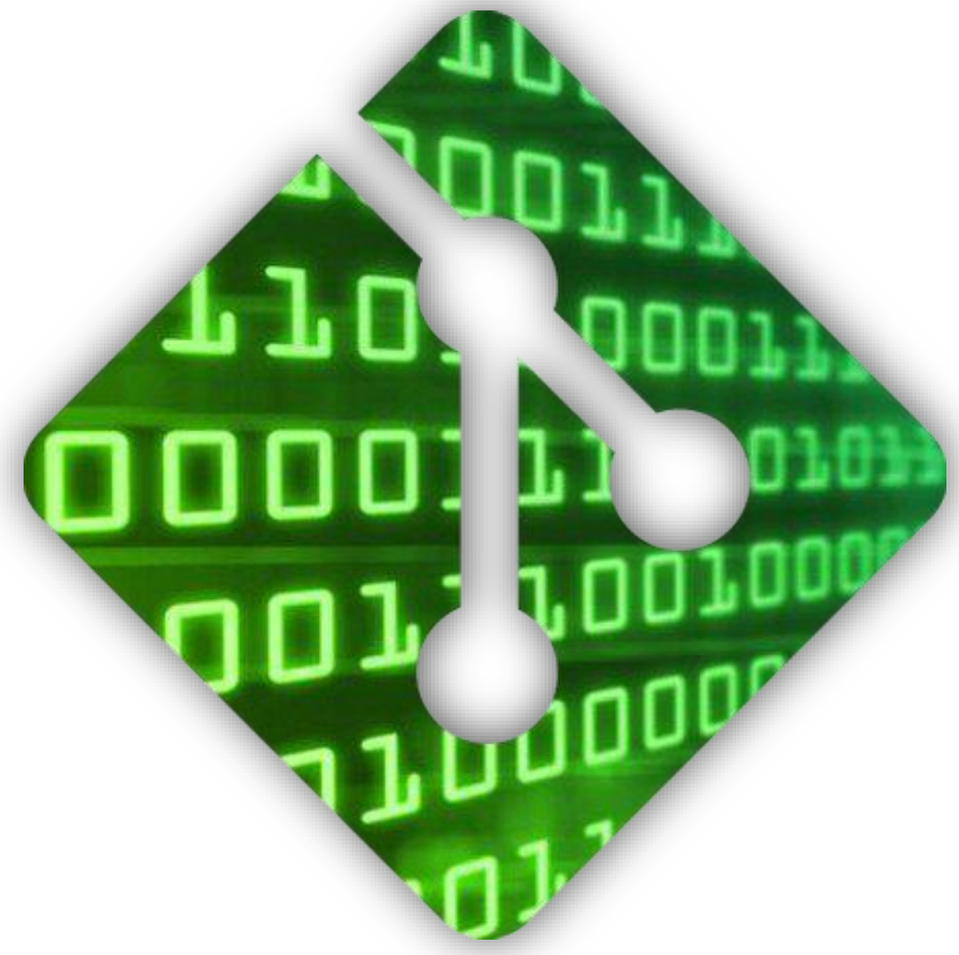
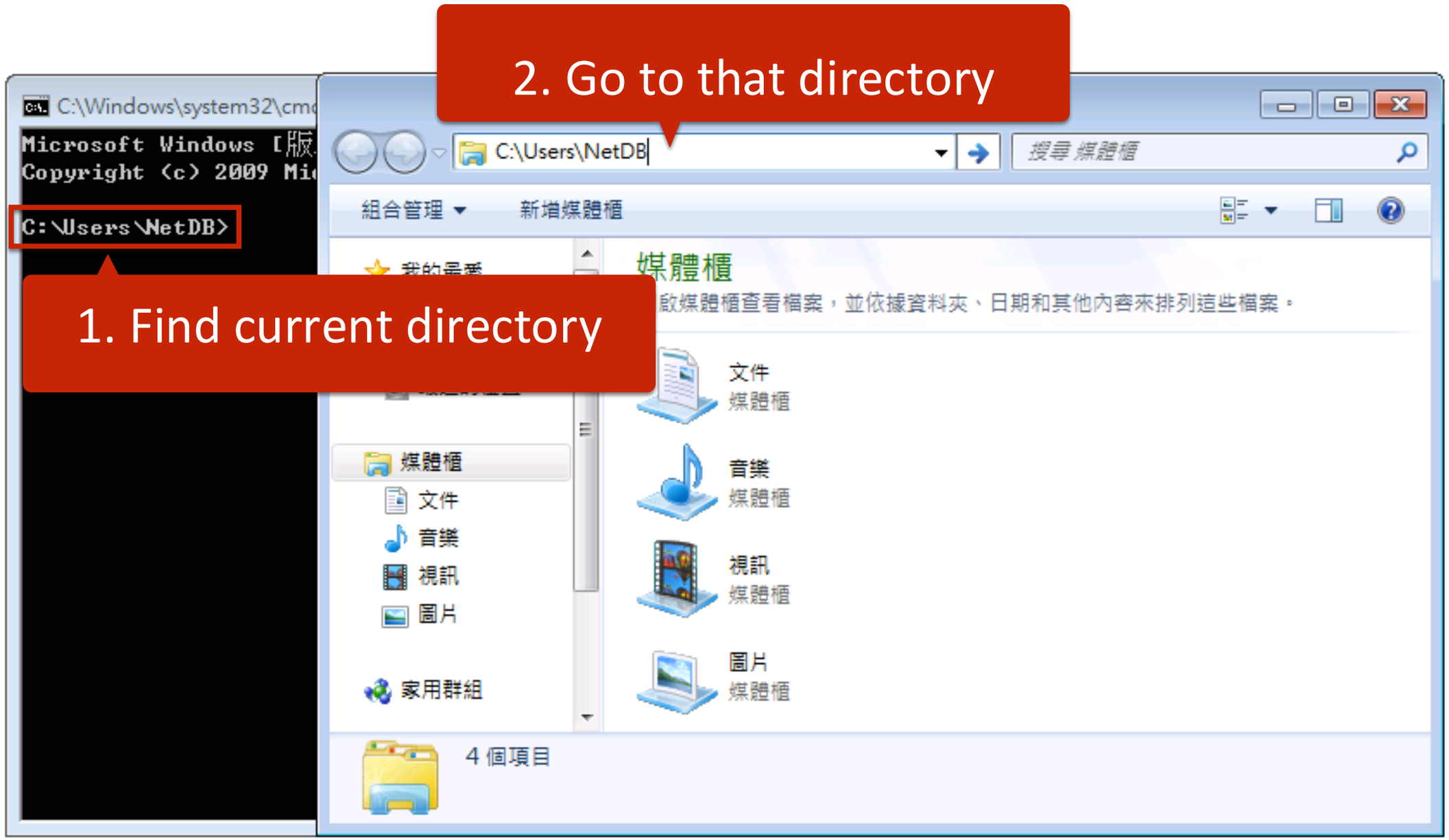
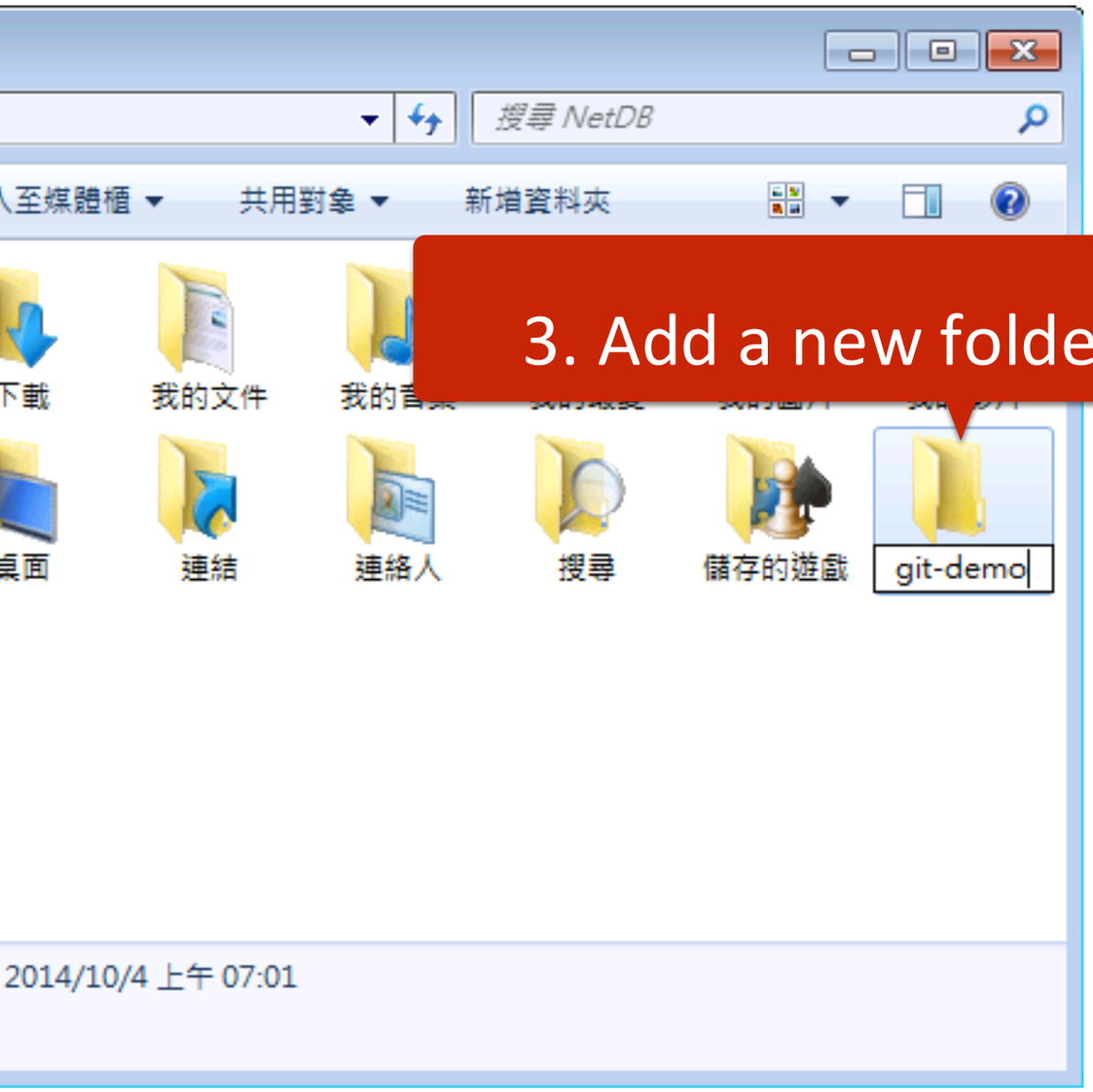
Be Professional



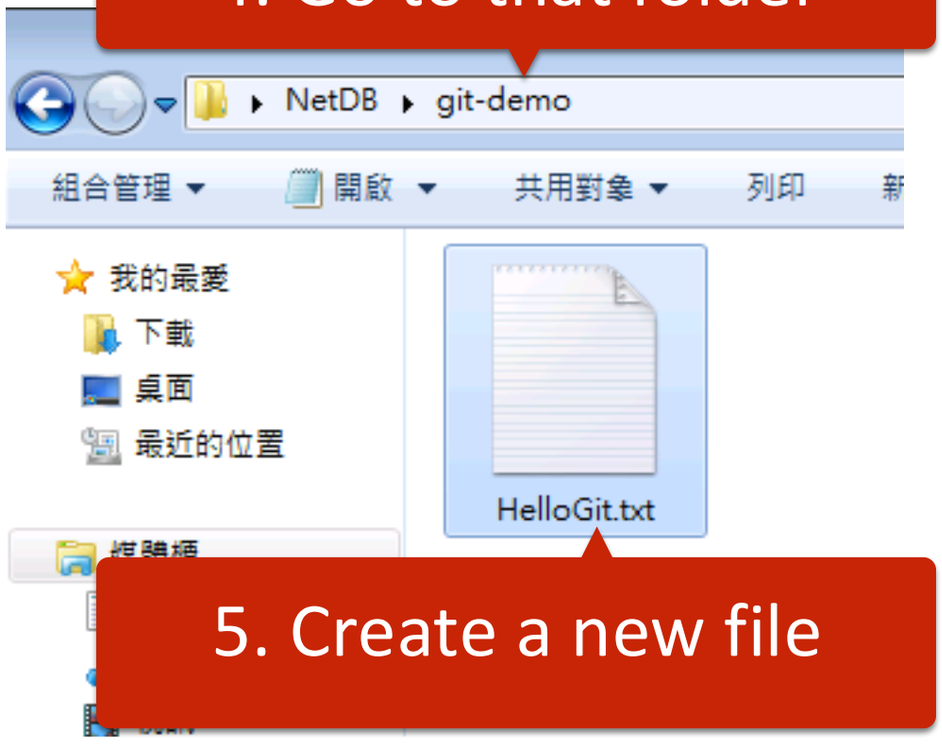
Basic Git Commands

- **git init**
  - Initialize a repository at current directory.
- **git add [file_name] (* git add . * → means add all files)**
  - Add files to git repository and let git track them.
- **git commit -m "commit messages"**
  - Save the changes to the git repository and create snapshots of the files.
- **git checkout [version]**
  - Go to a specific version.


2. Go to that directory
1. Find current directory
C:\Windows\system32\cmd
Microsoft Windows [版
Copyright (c) 2009 Mi
C:\Users\NetDB>
C:\Users\NetDB
搜尋 媒體櫃
組合管理
新增媒體櫃
媒體櫃
文件
音樂
視訊
圖片
家用群組
媒體櫃
啟媒體櫃查看檔案，並依據資料夾、日期和其他內容來排列這些檔案。
文件
媒體櫃
音樂
媒體櫃
視訊
媒體櫃
圖片
媒體櫃
4 個項目

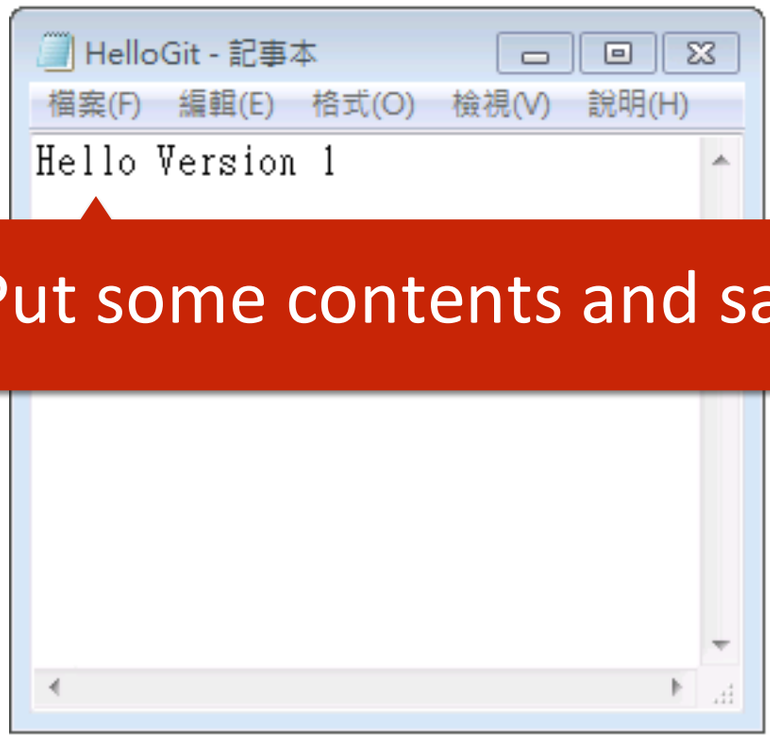


3. Add a new folder

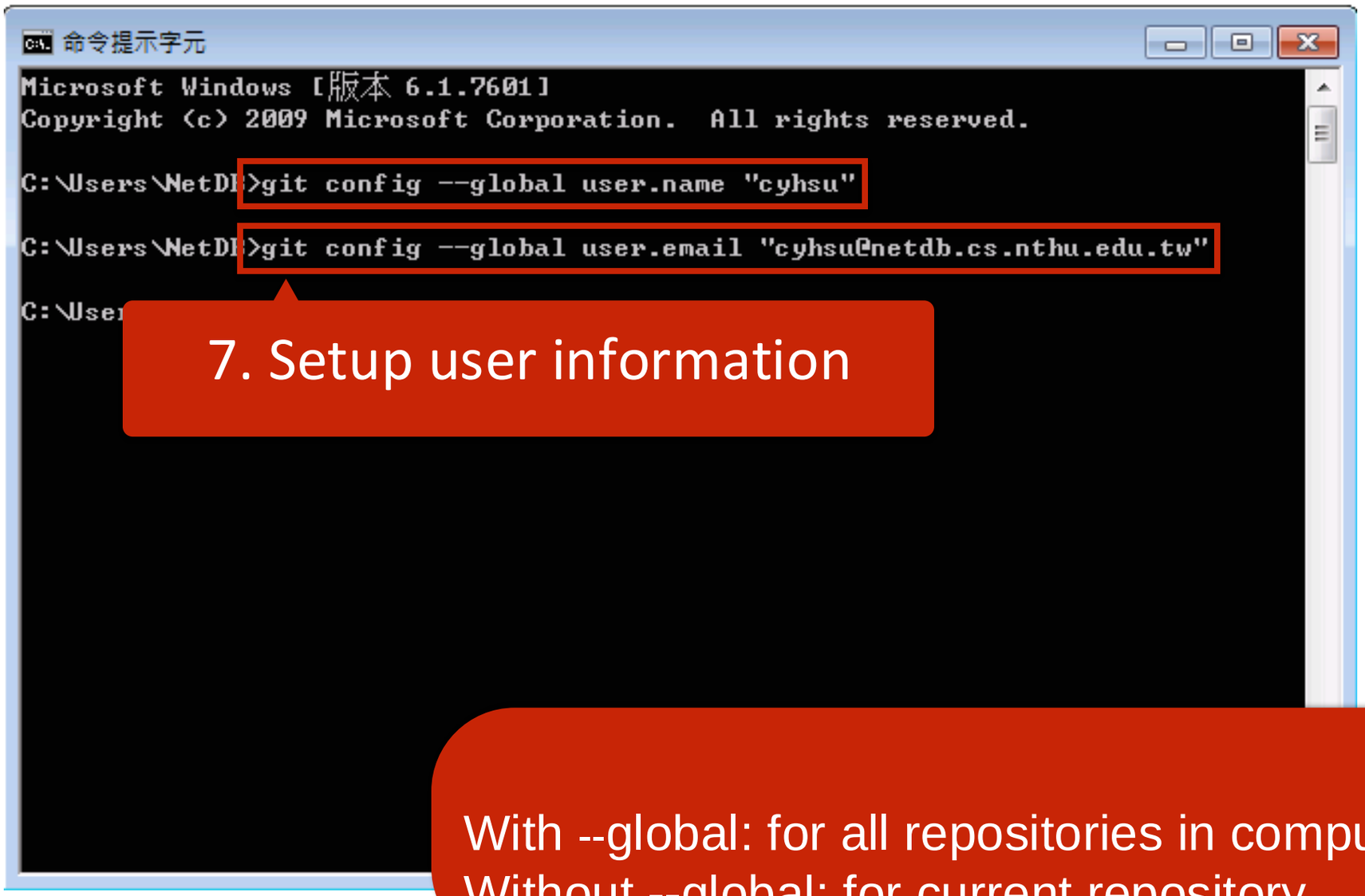


4. Go to that folder

5. Create a new file

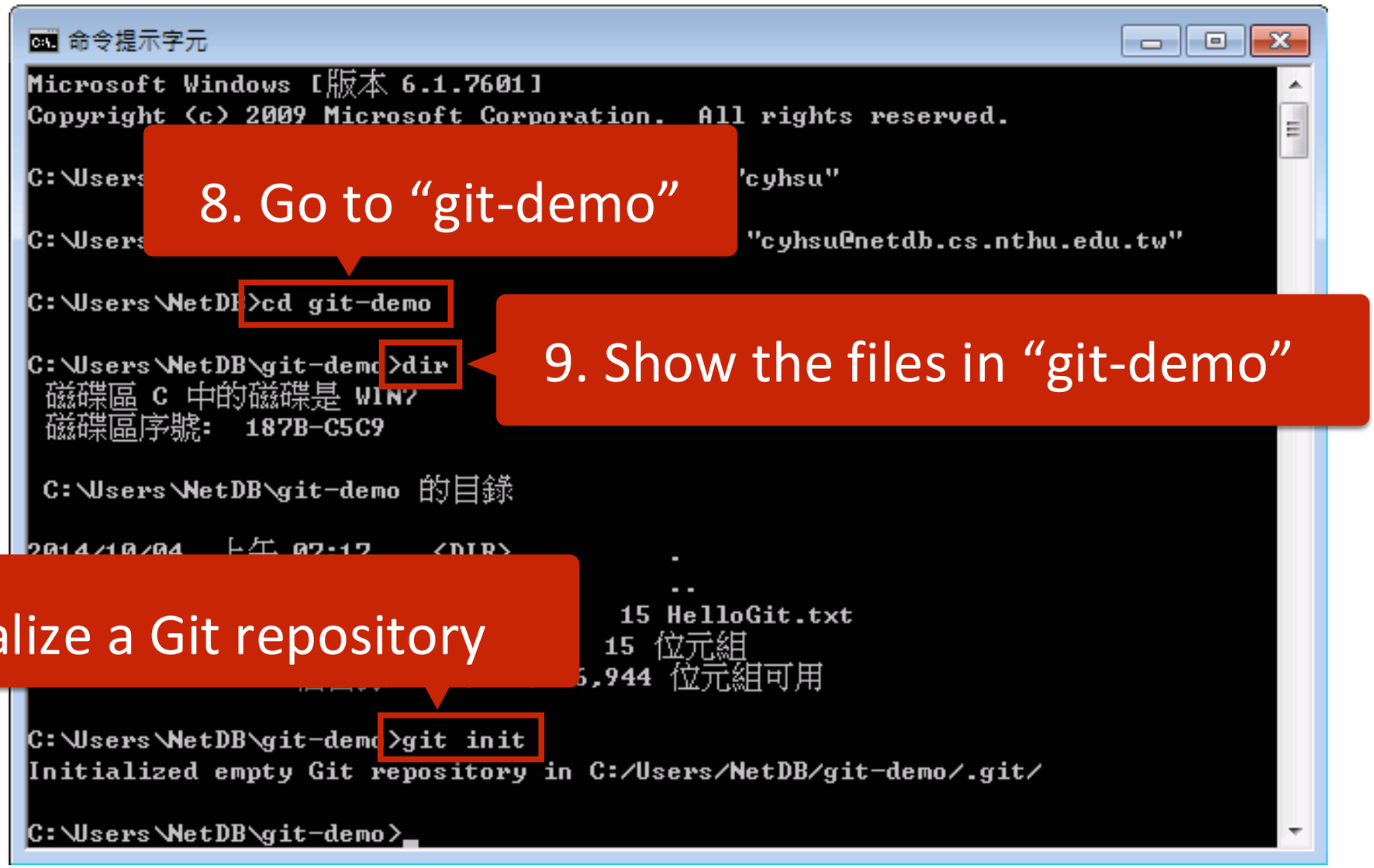


6. Put some contents and save

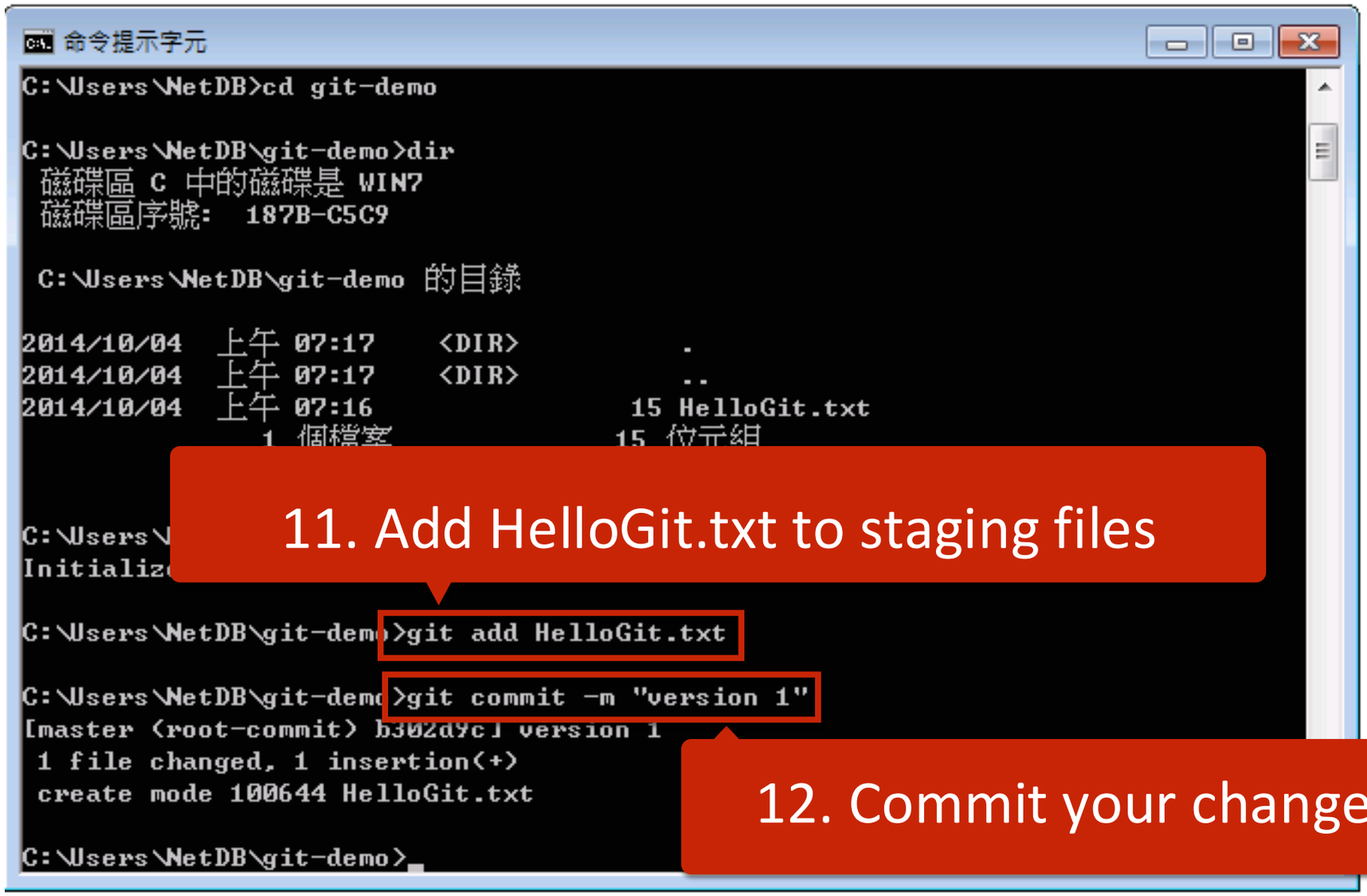


With --global: for all repositories in computer
Without --global: for current repository

```
$ git config --global user.name "name"
$ git config --global user.email "email"
```

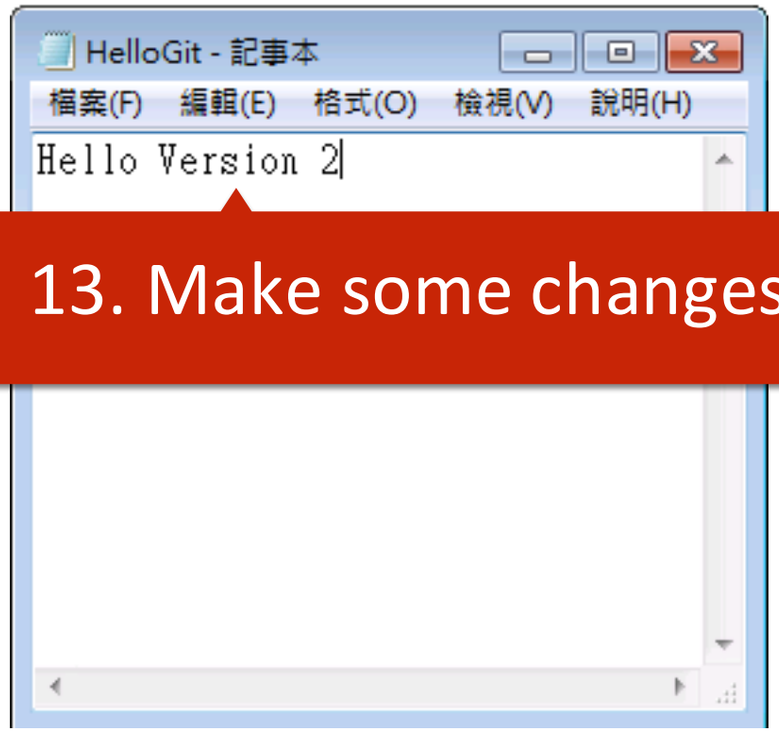



```
$ cd git-demo    # go to git-demo directory
$ dir            # list the files
$ git init               # initialize a repository
```



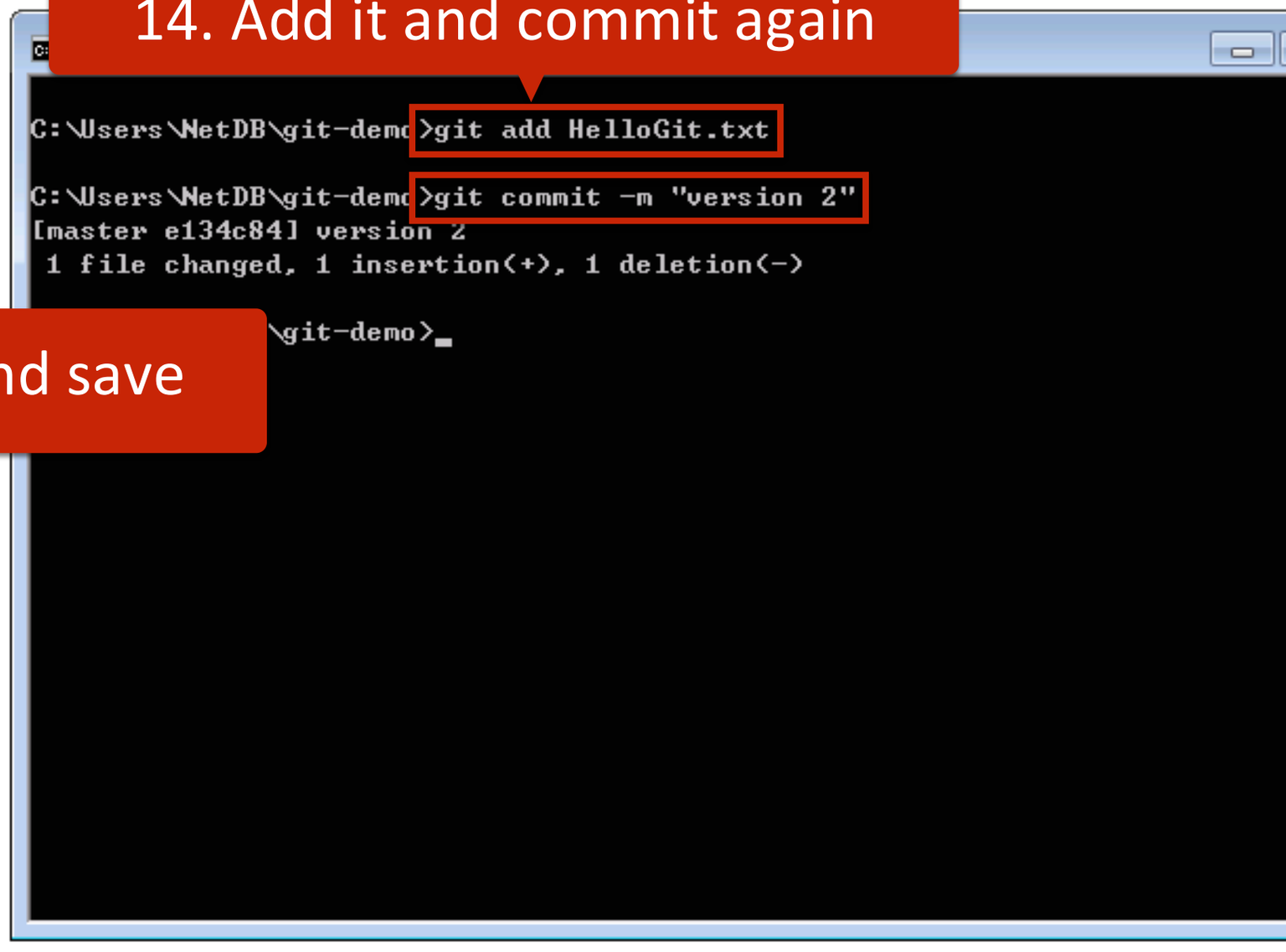

```
# Add HelloGit.txt to staging files
$ git add HelloGit.txt

# Commit the changes to the repository
# where "version 1" is the commit message
$ git commit -m "version 1"
```

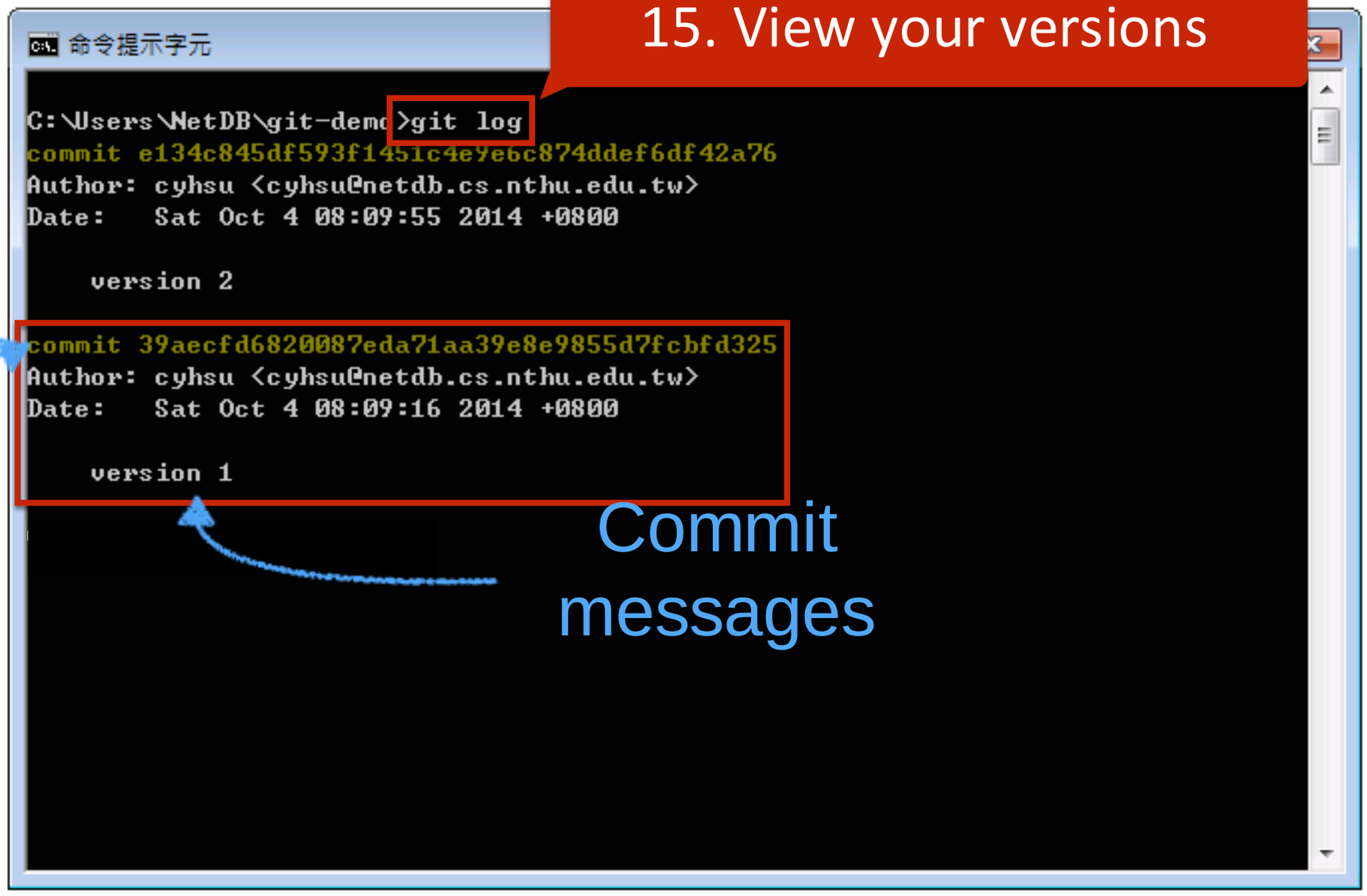


13. Make some changes and save

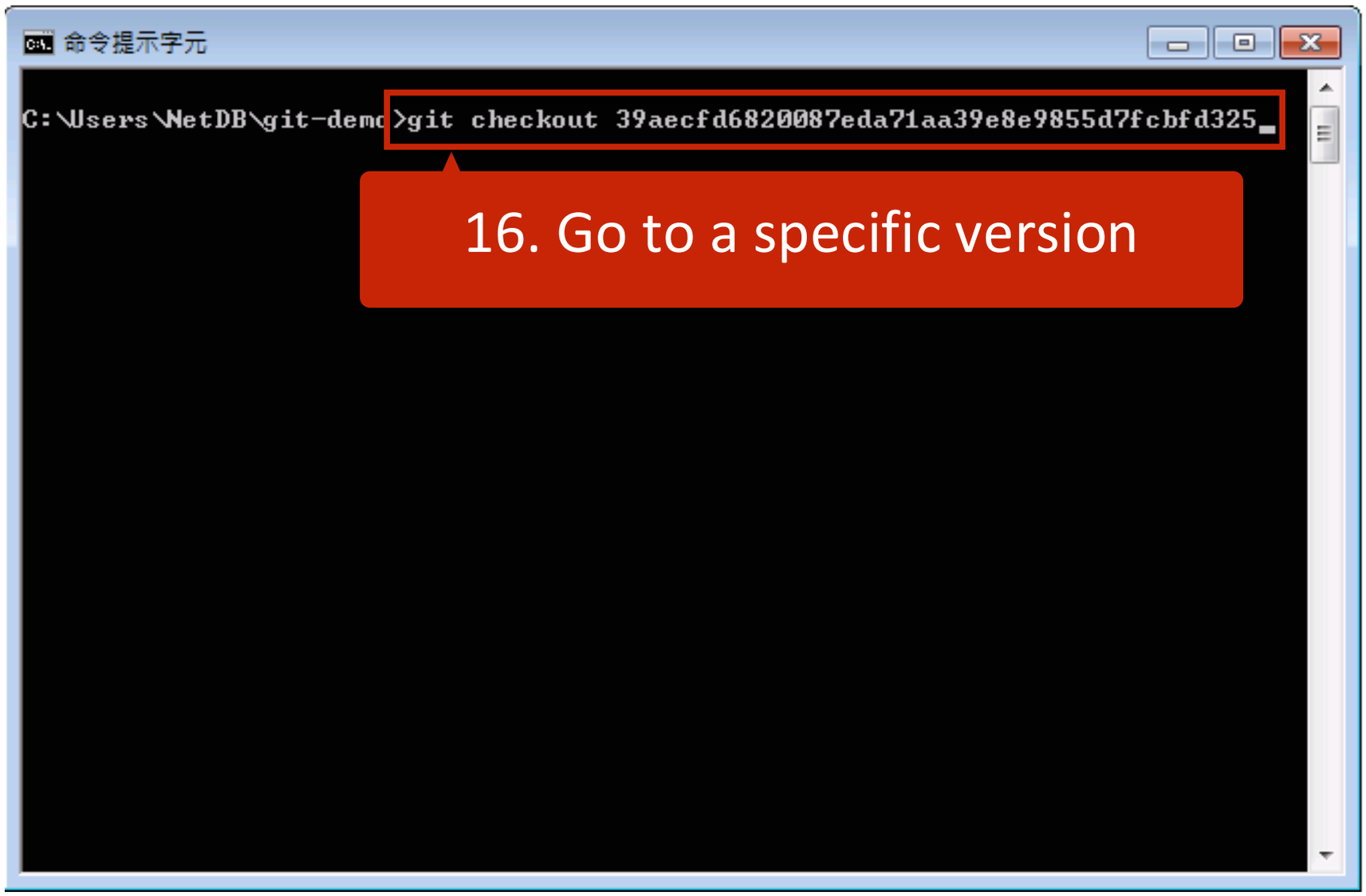
14. Add it and commit again



15. View your versions




```
# Show the versions you've created so far
$ git log
```

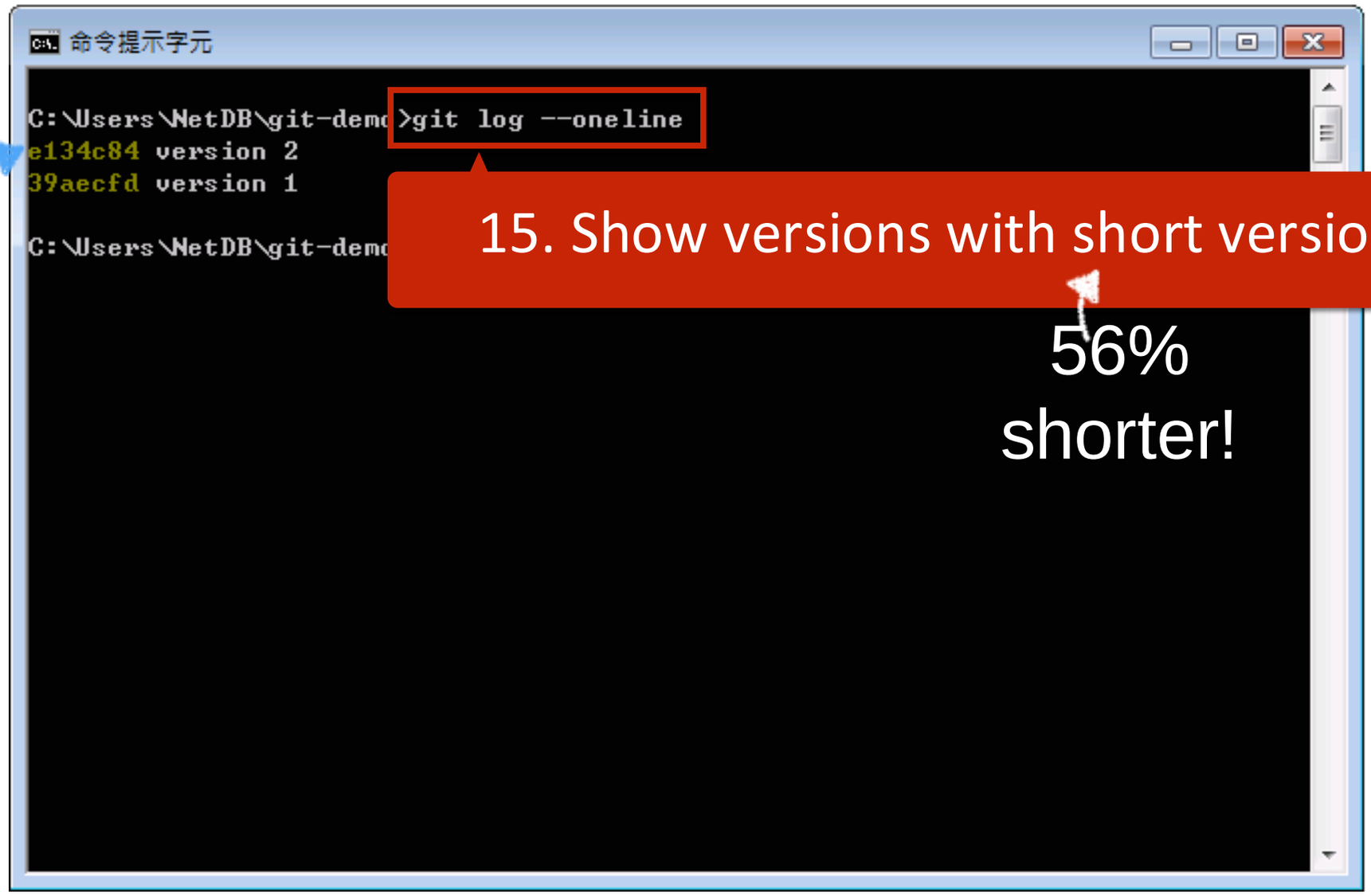



```
# Go to a specific version
$ git checkout {version_id}
```

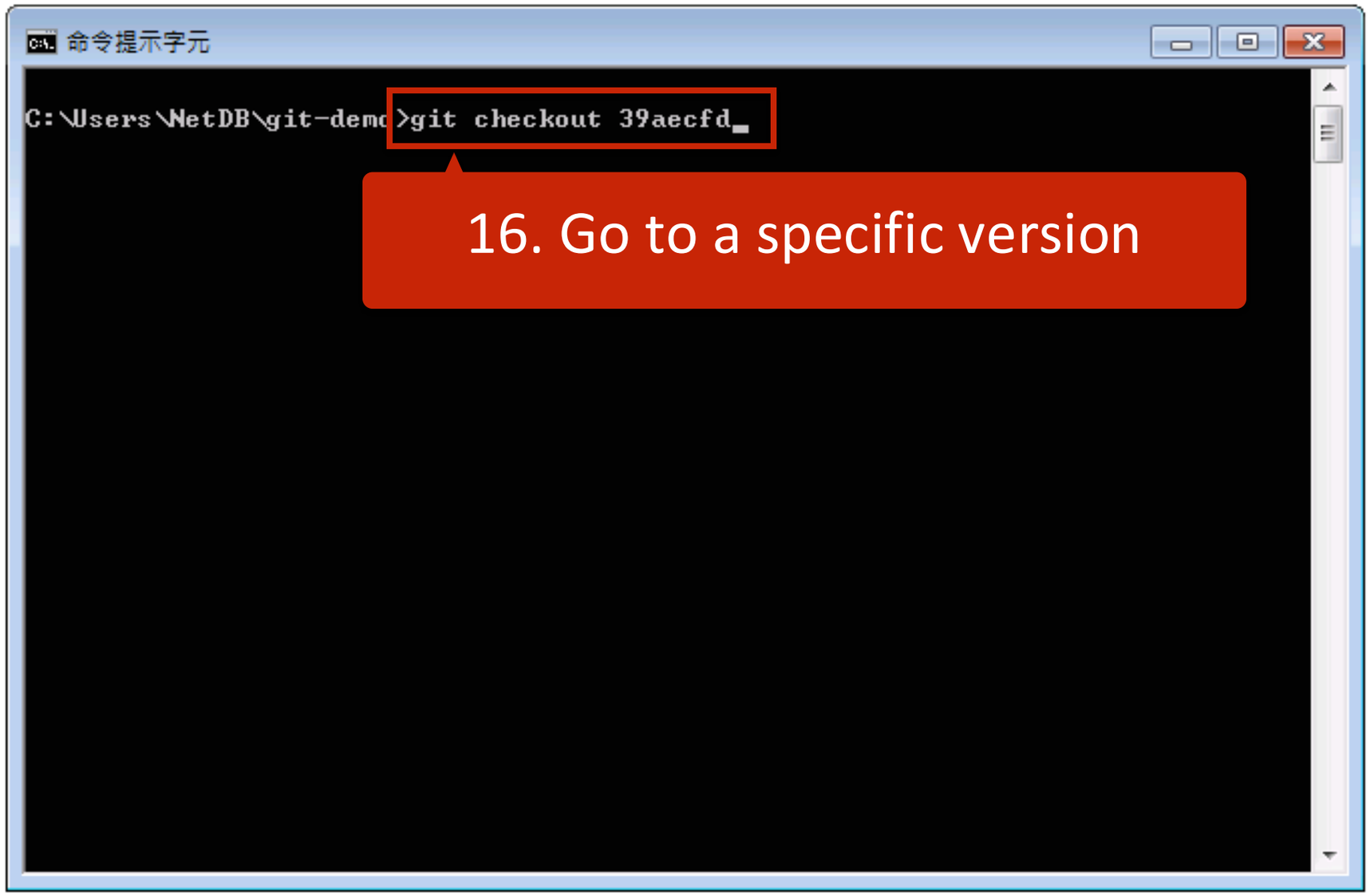
LIFE IS TOO SHORT TO TYPE THAT VERSION ID*!*

which is 40 characters long…

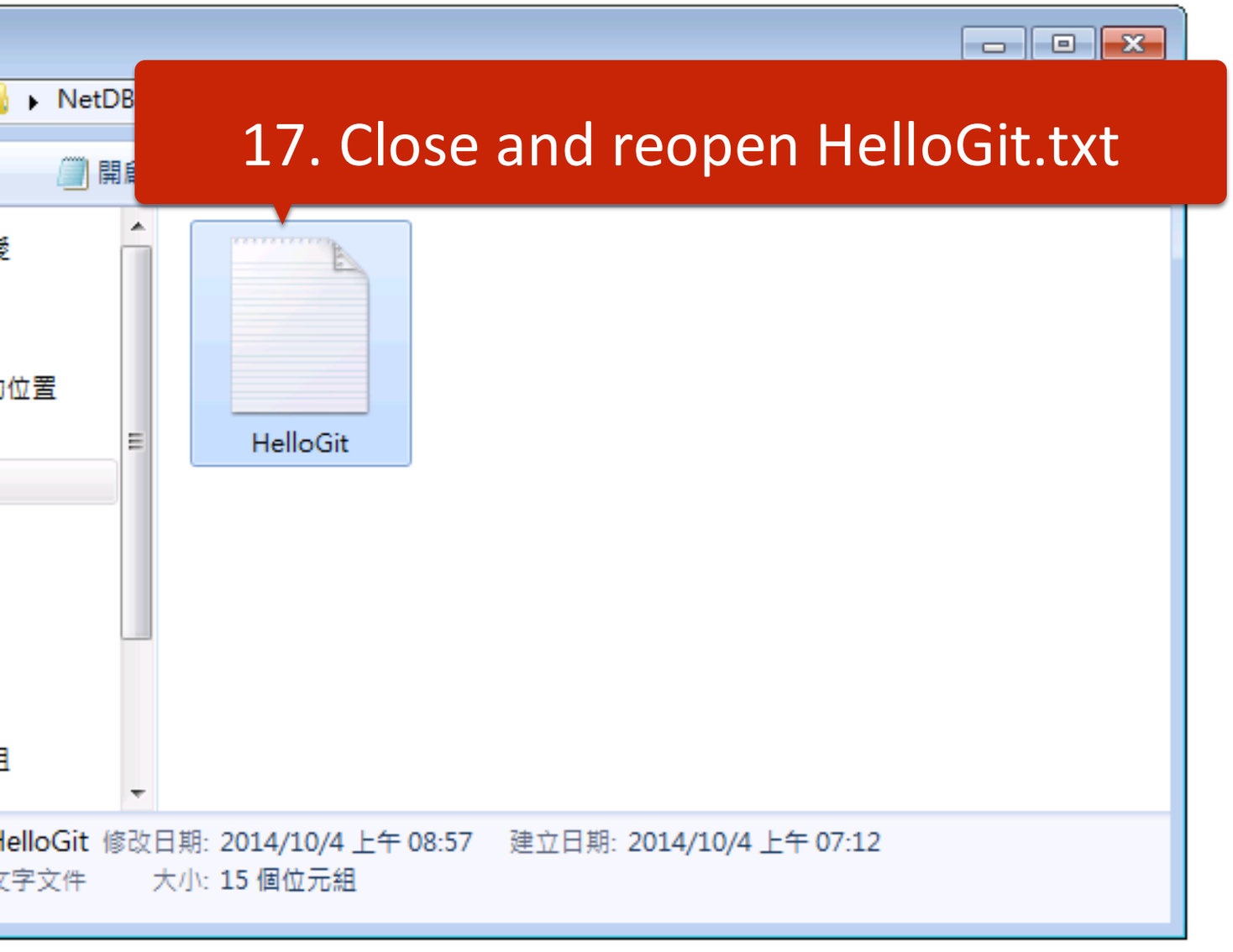
Version ID

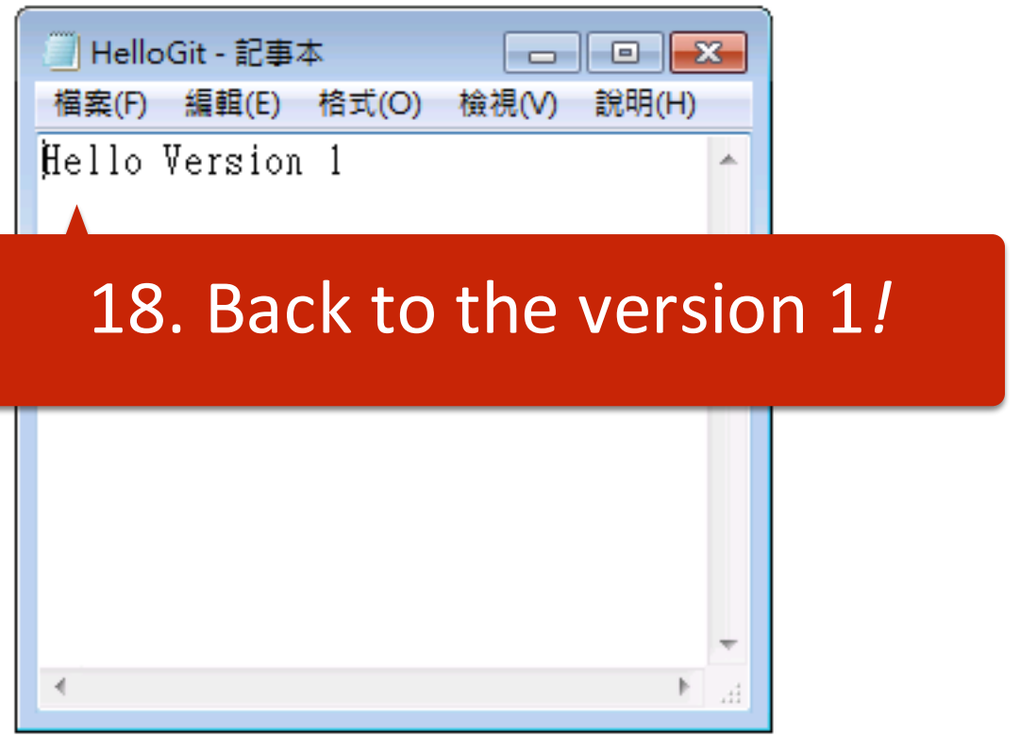



```
# Show versions with short version id
$ git log --oneline
```




```
# Go to a specific version.
# In fact, you only need to type
# the first 5 characters.
$ git checkout {short_version_id}
```


17. Close and reopen HelloGit.txt
HelloGit
HelloGit 修改日期: 2014/10/4 上午 08:57 建立日期: 2014/10/4 上午 07:12
大小: 15 個位元組


HelloGit - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)
Hello Version 1
18. Back to the version 1!

Try yourself (1/2)

- Branching steps
    - Creating a new branch

```
git branch [branch name]
```

- Checking out the branch

```
git checkout [branch name]
```

Try yourself (2/2)

- Merging steps
    - Checking out a branch to merge

```
git checkout [branch 1 name]
```

- Merging another branch

```
git merge [branch 2 name]
```

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Collaboration

- To work with others using git, you'll need a server that store the repository.

- Git is distributed, which means

- Everyone can store a copy of the repository downloaded from the server to their computer and do their jobs independently.

Collaboration Workflows (1/2)

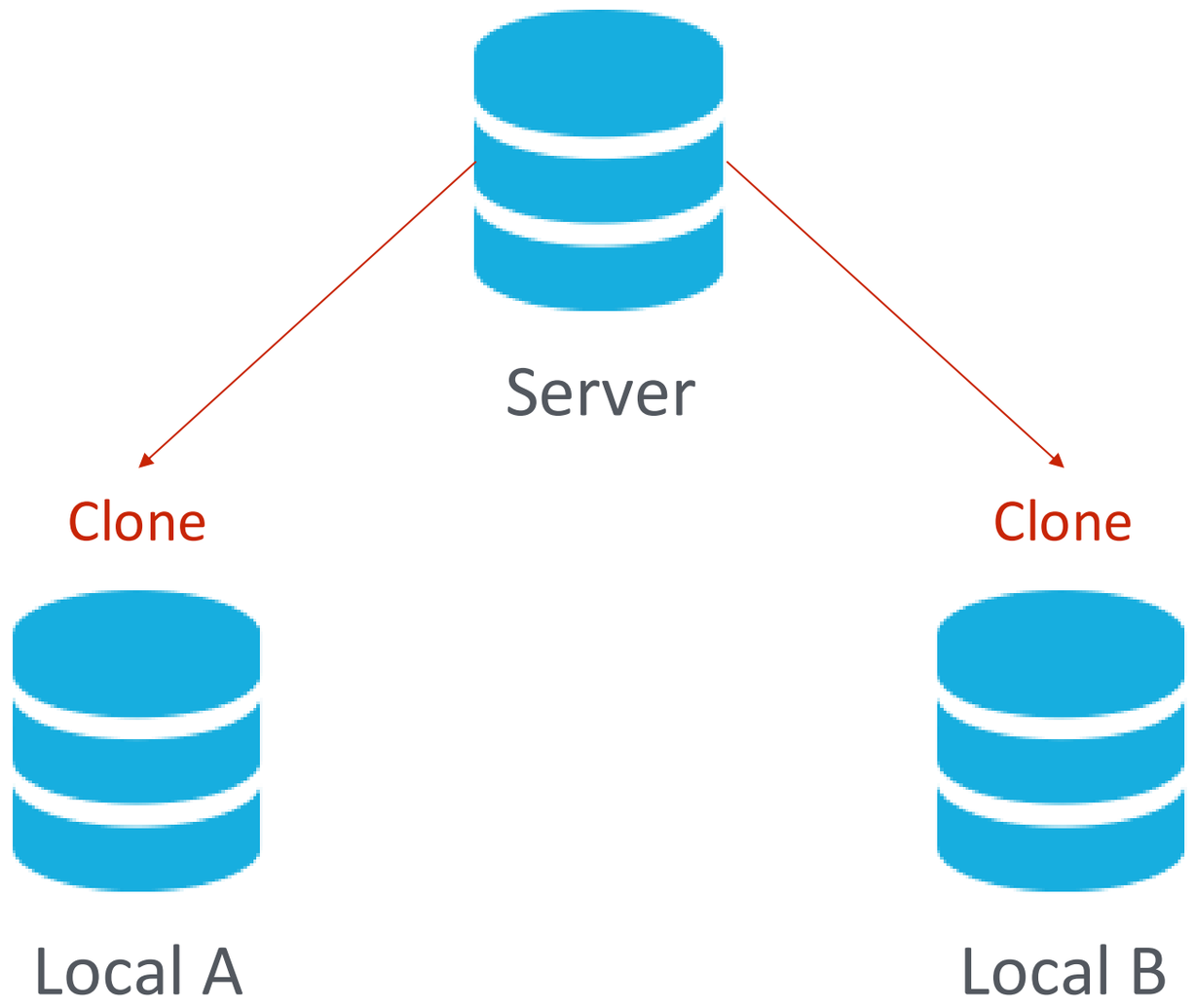
1. If you don’t have the project, *clone* (download) the repository from the server.

2. Do your work and commit the changes at local. Once done, *push* (upload) the repository to the server.

3. If someone else modified the project, you can *pull* (sync) the repository to get the updated project.

4. Repeat 2 and 3.

Collaboration Workflows (2/2)



Collaboration Workflows (2/2)

Server

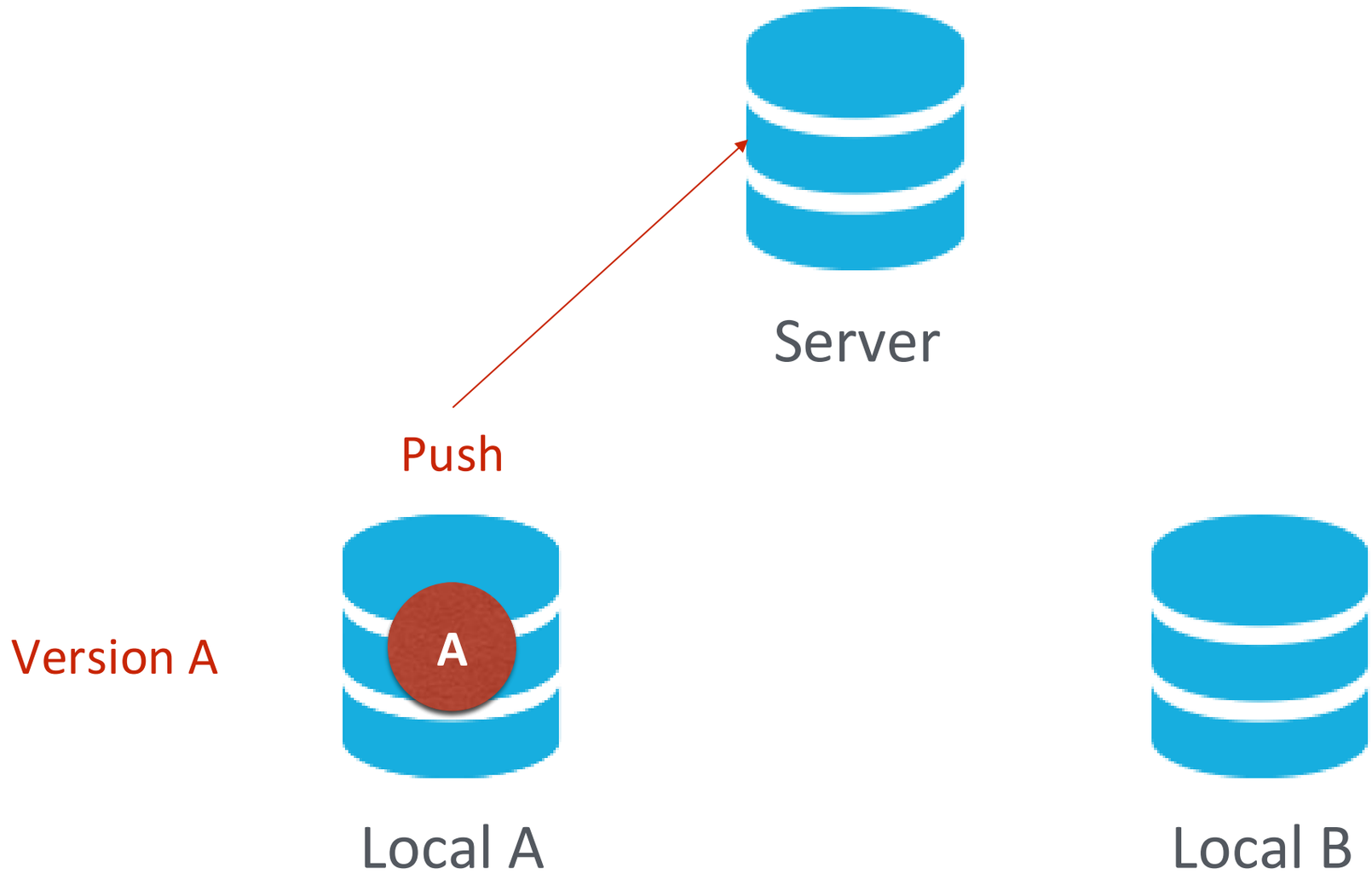
Commit

Version A

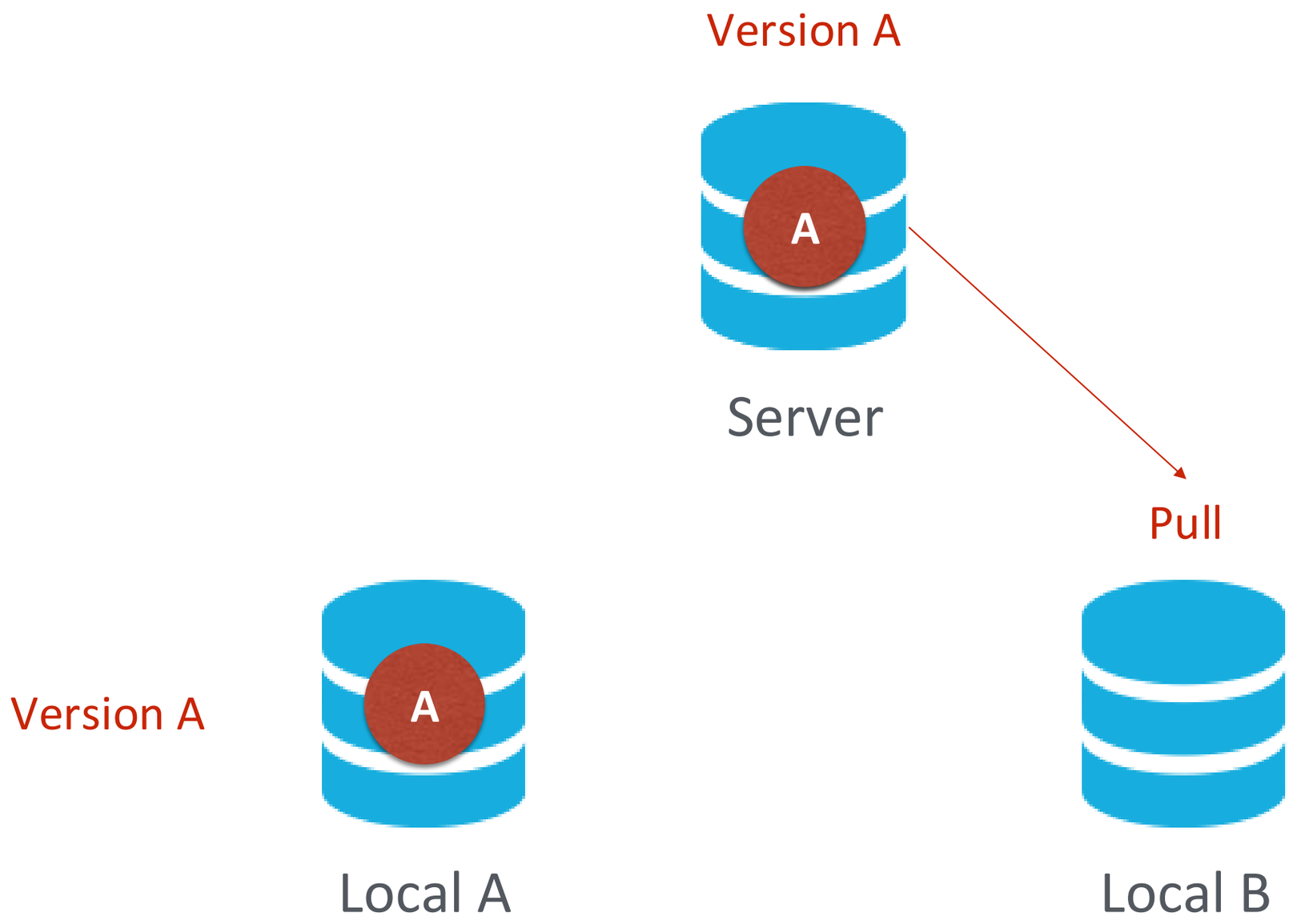
Local A

Local B

Collaboration Workflows (2/2)



Collaboration Workflows (2/2)



Collaboration Workflows (2/2)

Server

Pull

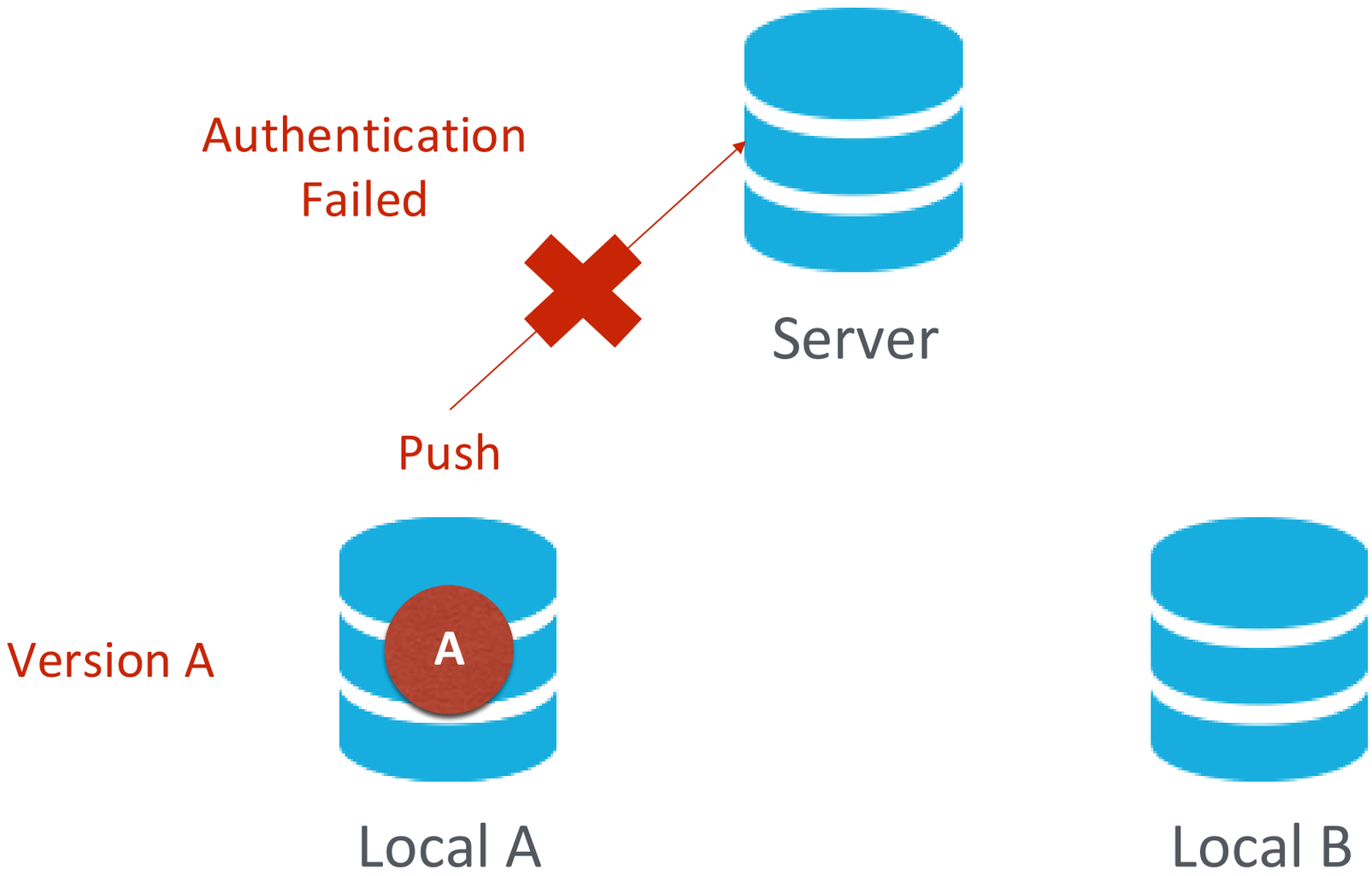
Local A

Local B

Version A

Something went wrong.

Authentication Failed



Why Authentication Failed?

Collaboration Workflow

- If you tried to clone the code template from a server and want to push the modified file.
  - You will get authentication failed.
    - It’s because it was a project of others, which means you are not able to save the changes back to the server.
- So, how can I copy a project from others on a open source platform like Github?

Introducing

Fork

Author

Original Project

A

Forked Project

A

A1

A2

A2

Open a Merge Request

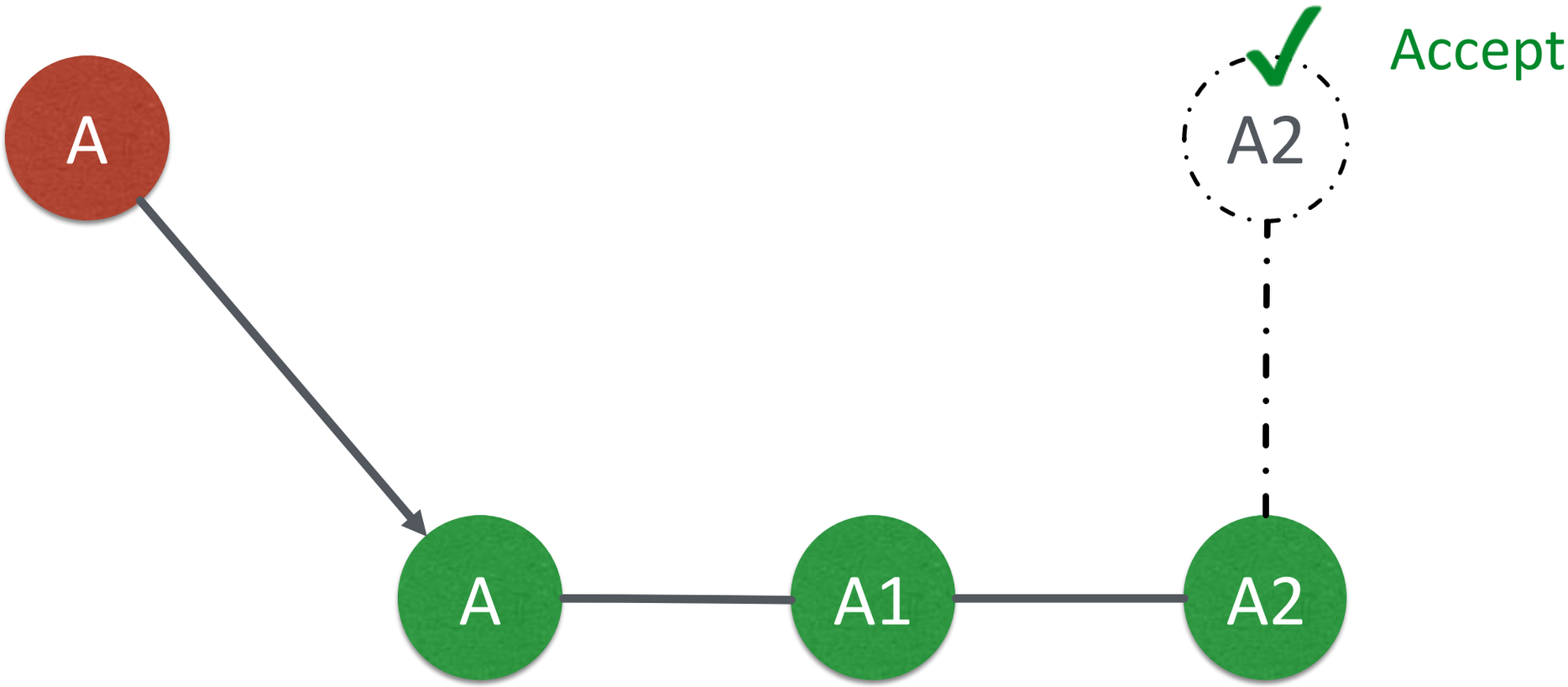
Forked from Red

Commit

Commit

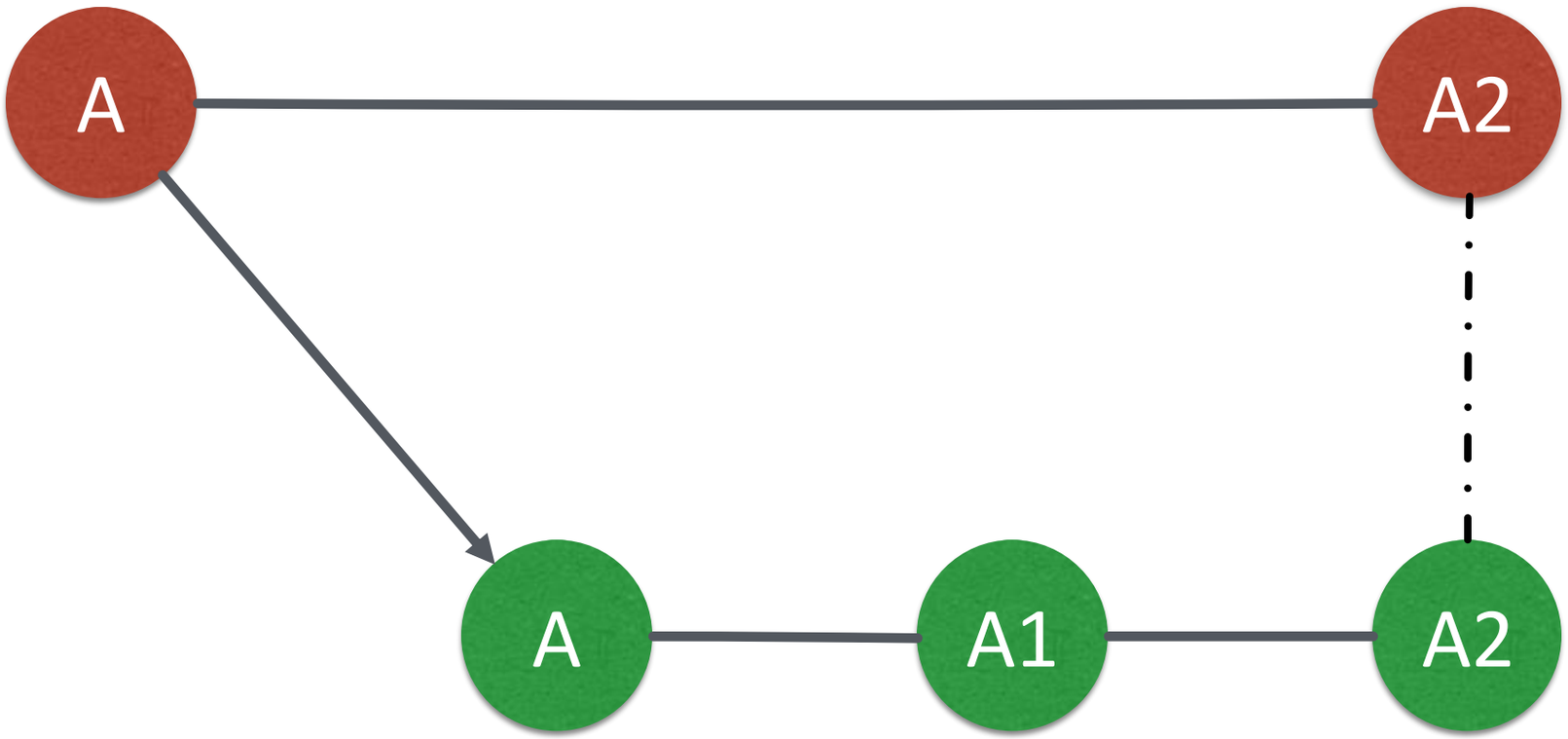
Editor

Author

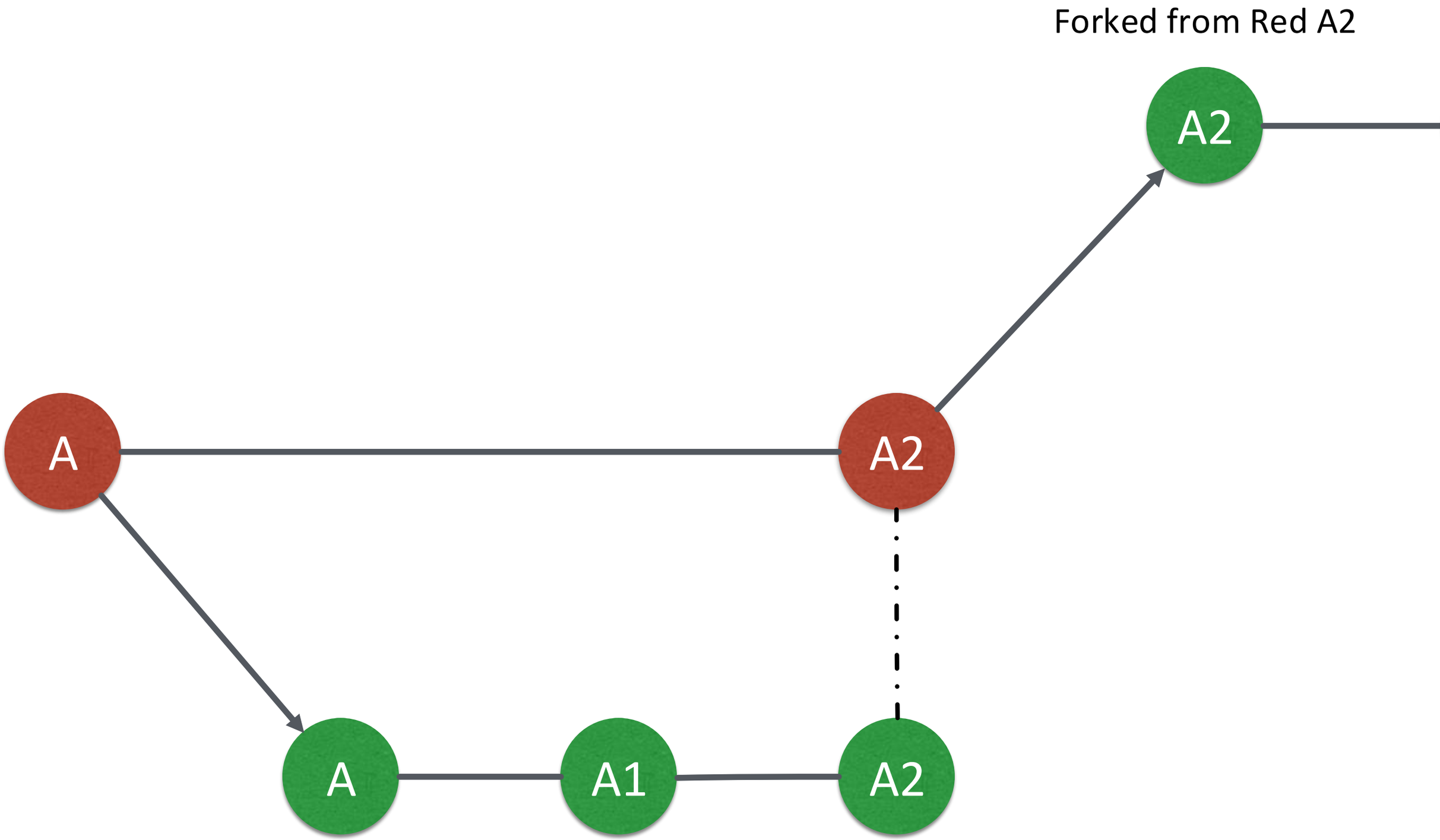


Editor

Author



Editor


Forked from Red A2
A2
A
A2
A
A1
A2

Git Collaboration Workflow

1. *Fork* a repository to make a copy of it.
2. *Clone* the repository you forked to your workspace.
3. Do your work and *commit* the changes in your workspace.
4. *Push* the repository to the server to synchronize them.
5. Open a *merge request* to origin repository .

Basic Git Commands (2/2)

- **git clone [url]**
  - Clone a repository from remote server
- **git push [url] [branch-name]**
  - Push committed file to remote server

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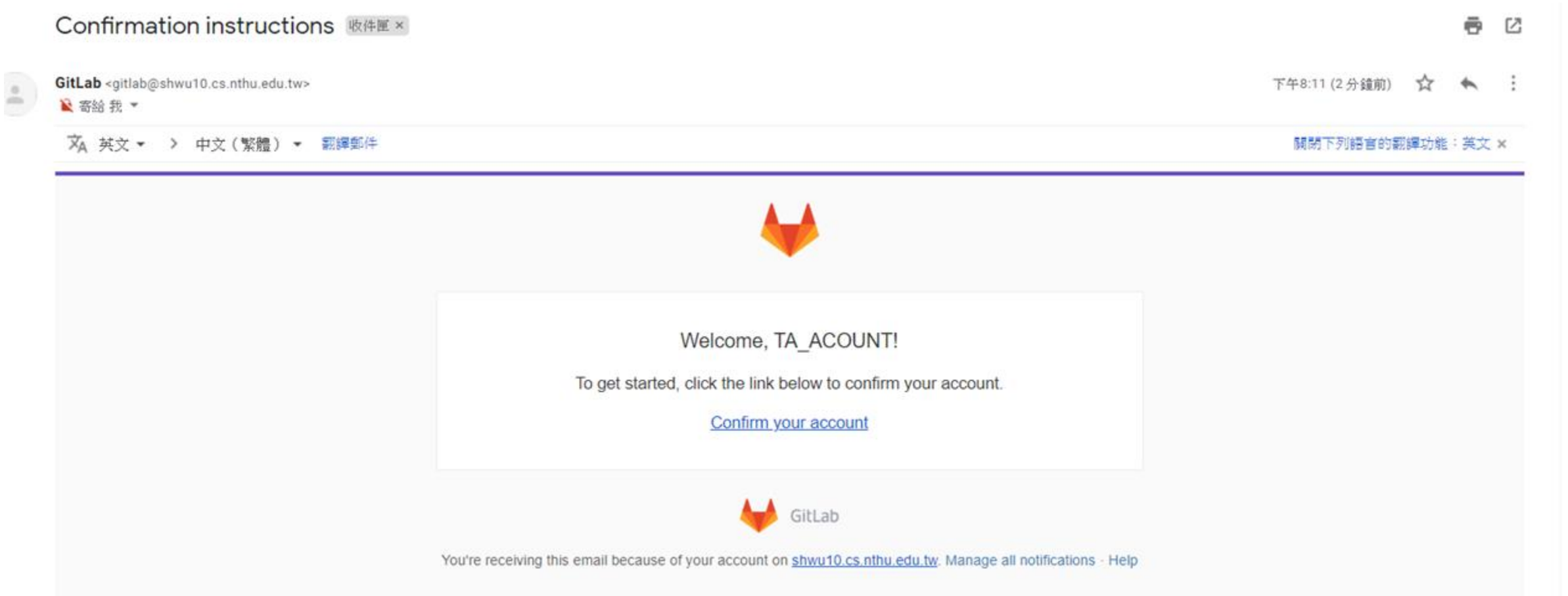
Gitlab

- We have created account for you
- Account: student ID (e.g. 106012345)
- Password: student ID (e.g. 106012345)

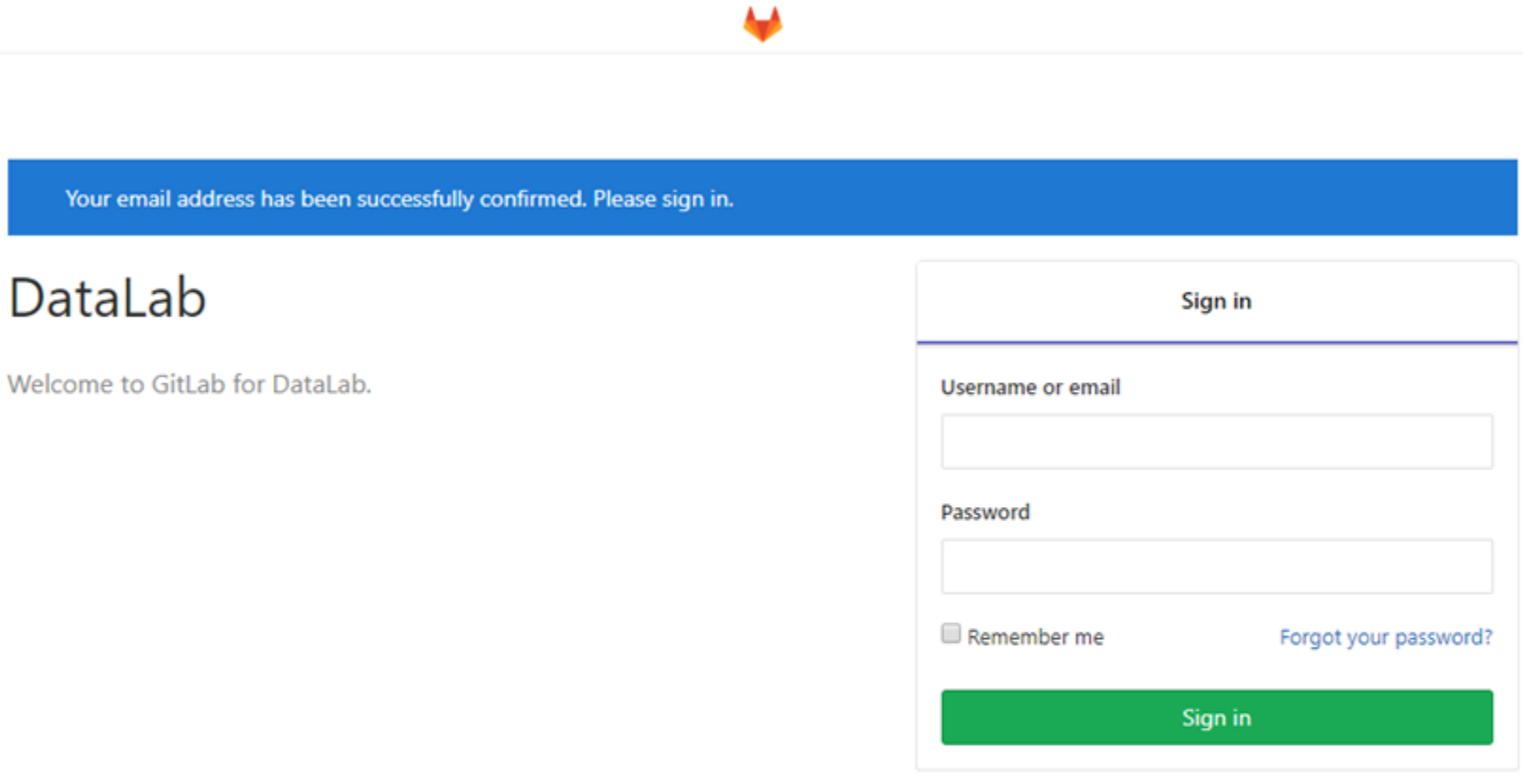
Gitlab


Gmail
搜尋郵件
撰寫
收件匣 9
已加星號
已延後
主要
社交網路 33 個新對話
Twitter
促銷內容
GitLab
Access to the courses / software-studio / 2020-sprin
GitLab
Confirmation instructions - Welcome, TA_ACOUNT! T

Gitlab


Confirmation instructions
收件匣 ×
GitLab <gitlab@shwu10.cs.nthu.edu.tw>
寄給 我
下午8:11 (2 分鐘前)
英文 > 中文（繁體） 翻譯郵件
關閉下列語言的翻譯功能：英文 ×
Welcome, TA_ACOUNT!
To get started, click the link below to confirm your account.
Confirm your account
GitLab
You're receiving this email because of your account on shwu10.cs.nthu.edu.tw. Manage all notifications · Help

Gitlab


Your email address has been successfully confirmed. Please sign in.
DataLab
Welcome to GitLab for DataLab.
Sign in
Username or email
Password
Remember me
Forgot your password?
Sign in

Workflow

- For each lab, you should follow the workflow below

1. Fork our template repository on Gitlab
2. Clone the **forked** repository to your computer
3. Finish your lab
4. Commit in your computer
5. Push to Gitlab
6. Send merge request of **your branch** to our template repository

Workflow

- For each lab, you should follow the workflow below

1. Fork our template repository on Gitlab
2. Clone the **forked** repository to your computer
3. Finish your lab
4. Commit in your computer
5. Push to Gitlab
6. Send merge request of **your branch** to our template repository

You can access course projects in this group

courses › ••• › 2024-spring

2

2024-spring

Group ID: 3517 Leave group

New subgroup | New project

Subgroups and projects | Shared projects | Archived projects

Search by name | Last created

S submission-exercise ★ 0 3 days ago

courses › ••• › 2024-spring › submission-exercise

S

submission-exercise

Project ID: 6444

Star 0 Fork 0

1. Click to fork

0 Commits **1** Branch **0** Tags **20 KB** Files **20 KB** Storage

master submission-exercise / + History Find file Web IDE Clone

Initial commit
Chen Yu-Hsuan authored 3 days ago

21779350

Upload File Auto DevOps enabled Add README Add LICENSE Add CHANGELOG Add CONTRIBUTING

Configure Integrations

Name	Last commit	Last update
README.md	Initial commit	3 days ago

README.md

Lab 1 - Practice Submission

This repository is built for practicing submissions for assignments and projects. You can follow the instructions below in order to know the whole workflow for submitting a lab or project.

Try it!

1. Fork this project.
2. Clone the **forked** project from Gitlab to your local environment.
3. Add a new file and write something.
4. Commit your work.
5. Push the repository to the server.
6. Send a merge request of **your branch** to the origin repository.

courses › ••• › 2024-spring › submission-exercise › **Fork project**

Fork project

A fork is a copy of a project.
Forking a repository allows you to make changes without affecting the original project.

Project name

submission-exercise

Project URL

https://shwu10.cs.nthu.edu.tw/ | Select a namespace

Project slug

submission-exercise

Want to house several dependent projects u

2. Select your name

Project description (optional)

Visibility level

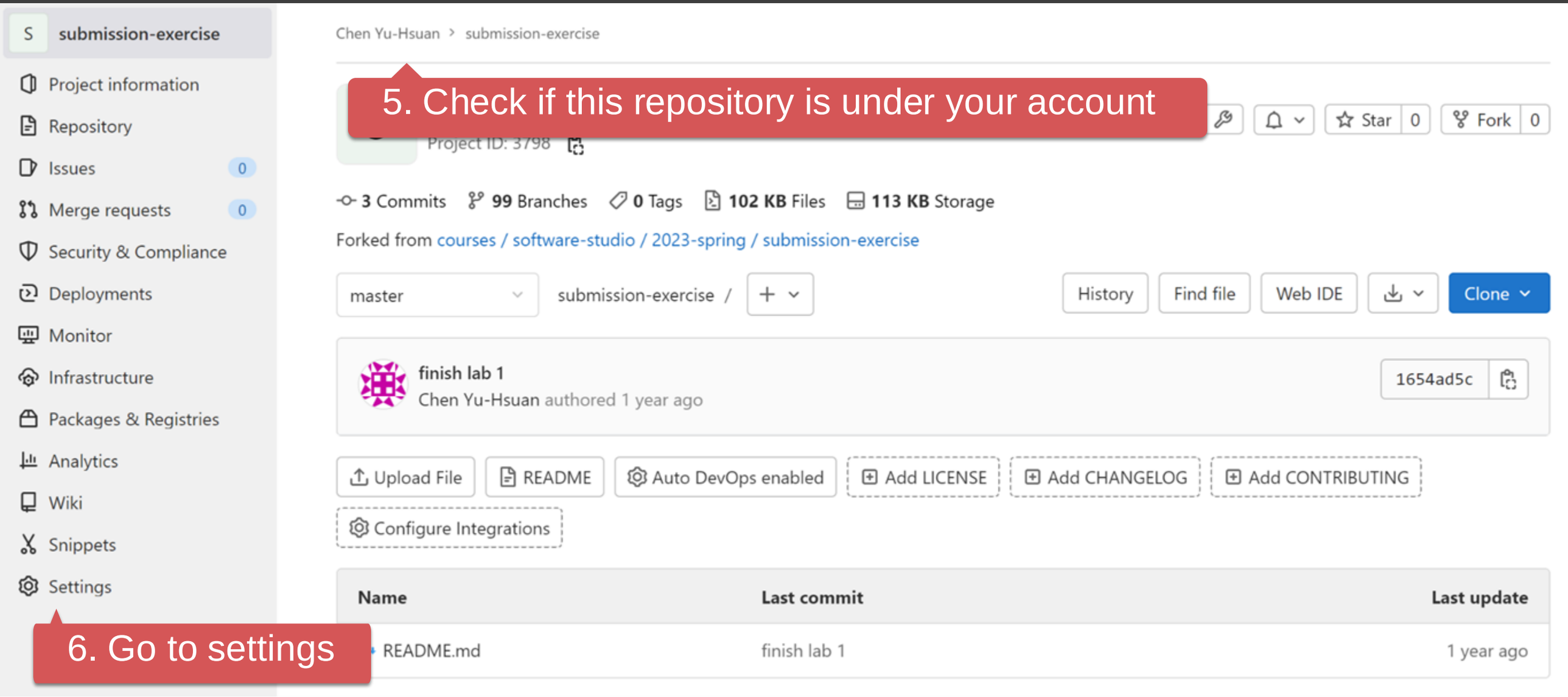
- Private
  Project access must be granted explicitly to each user. If this project is part of a group, access will be granted to members of the group.
- Inte
  The pro
- Publ
  The project can be accessed without any authentication.

3. Click Private

Fork project

Cancel

4. Click to fork


S submission-exercise
Project information
Repository
Issues 0
Merge requests 0
Security & Compliance
Deployments
Monitor
Infrastructure
Packages & Registries
Analytics
Wiki
Snippets
Settings
Chen Yu-Hsuan > submission-exercise
5. Check if this repository is under your account
Project ID: 3798
Star 0
Fork 0
3 Commits
99 Branches
0 Tags
102 KB Files
113 KB Storage
Forked from courses / software-studio / 2023-spring / submission-exercise
master
submission-exercise /
History
Find file
Web IDE
Clone
finish lab 1
Chen Yu-Hsuan authored 1 year ago
1654ad5c
Upload File
README
Auto DevOps enabled
Add LICENSE
Add CHANGELOG
Add CONTRIBUTING
Configure Integrations
Name
Last commit
Last update
README.md
finish lab 1
1 year ago
6. Go to settings

GitLab Projects Groups Activity Milestones Snippets Search or jump to...

S submission-exercise

- Project
- Repository
- Issues 0
- Merge Requests 0
- Wiki
- Snippets
- Settings
  - General
  - Members
  - Integrations
  - Repository

Collapse sidebar

alan0313 › submission-exercise › General Settings

General project

Expand

Update your project name, description, avatar, and other general settings.

Permissions

Collapse

Enable or disable certain project features and choose access levels.

7. Set project to private

Project visibility

Private

The project is accessible only by members of the project. Access must be granted explicitly to each user.

Issues

Lightweight issue tracking system for this project

Only Project Members

Repository

View and edit files in this project

Only Project Members

Merge requests

Submit changes to be merged upstream

Only Project Members

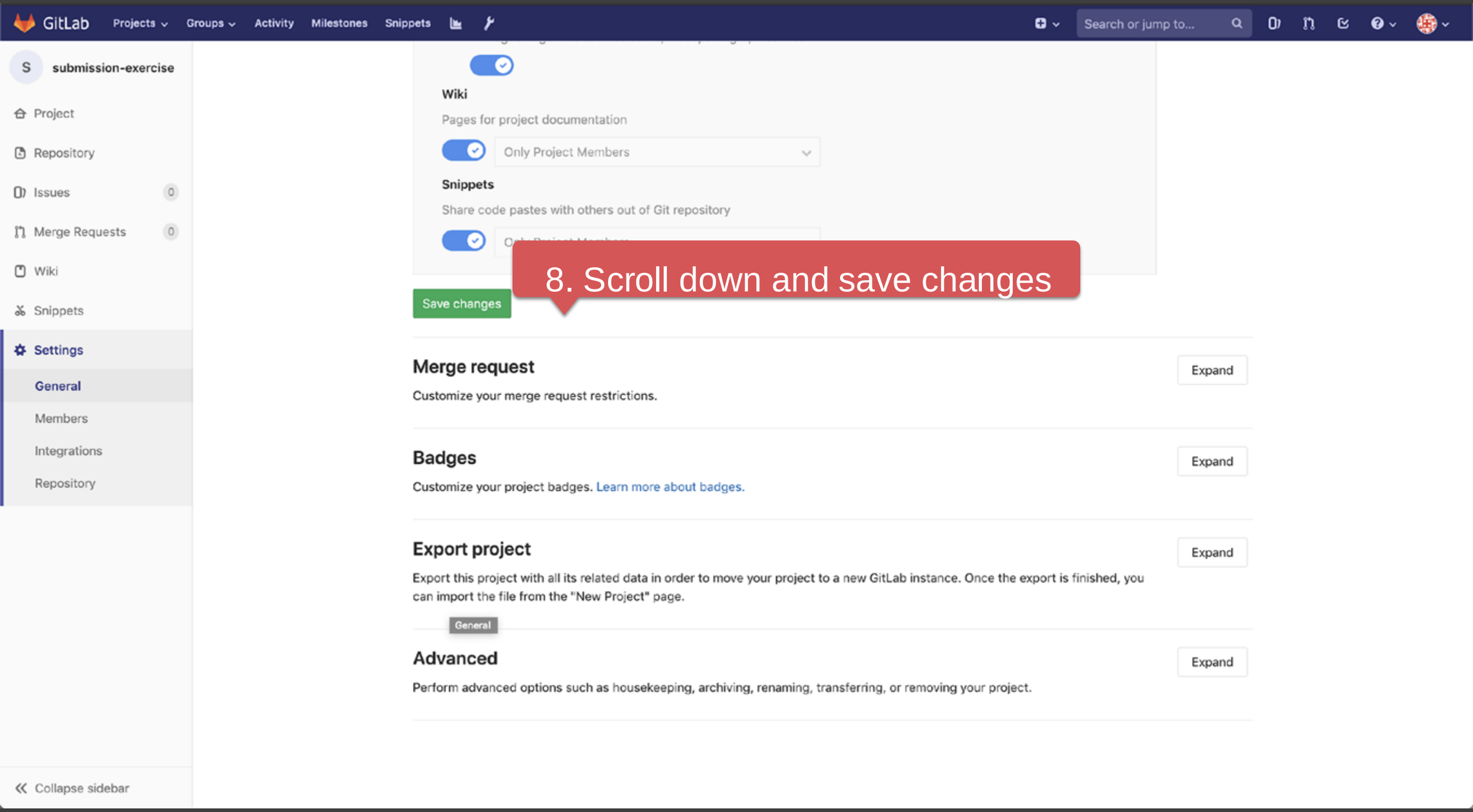
Pipelines

Build, test, and deploy your changes

Enable feature to choose access level

Git Large File Storage

Manages large files such as audio, video, and graphics files


GitLab
Projects
Groups
Activity
Milestones
Snippets
Search or jump to...
submission-exercise
Project
Repository
Issues 0
Merge Requests 0
Wiki
Snippets
Settings
General
Members
Integrations
Repository
Collapse sidebar
Wiki
Pages for project documentation
Only Project Members
Snippets
Share code pastes with others out of Git repository
8. Scroll down and save changes
Save changes
Merge request
Customize your merge request restrictions.
Expand
Badges
Customize your project badges. Learn more about badges.
Expand
Export project
Export this project with all its related data in order to move your project to a new GitLab instance. Once the export is finished, you can import the file from the "New Project" page.
Expand
General
Advanced
Perform advanced options such as housekeeping, archiving, renaming, transferring, or removing your project.
Expand

Workflow

- For each lab, you should follow the workflow below

1. Fork our template repository on Gitlab
2. Clone the **forked** repository to your computer
3. Finish your lab
4. Commit in your computer
5. Push to Gitlab
6. Send merge request of **your branch** to our template repository

courses › ••• › 2024-spring › submission-exercise

S

submission-exercise

Project ID: 6444

Star 0 Fork 0

0 Commits 1 Branch 0 Tags 20 KB Files 20 KB Storage

master submission-exercise / + History Find file Web IDE Clone

Initial commit
Chen Yu-Hsuan authored 3 days ago

Upload File Auto DevOps enabled Add README Add LICENSE Add

Configure Integrations

Clone with SSH

git@shwu10.cs.nthu.edu.tw:

Clone with HTTPS

https://shwu10.cs.nthu.edu.tw/cour

2. Copy the link

1. Choose HTTPS

Visual Studio Code (SSH)

Visual Studio Code (HTTPS)

Name	Last commit
README.md	Initial commit

README.md

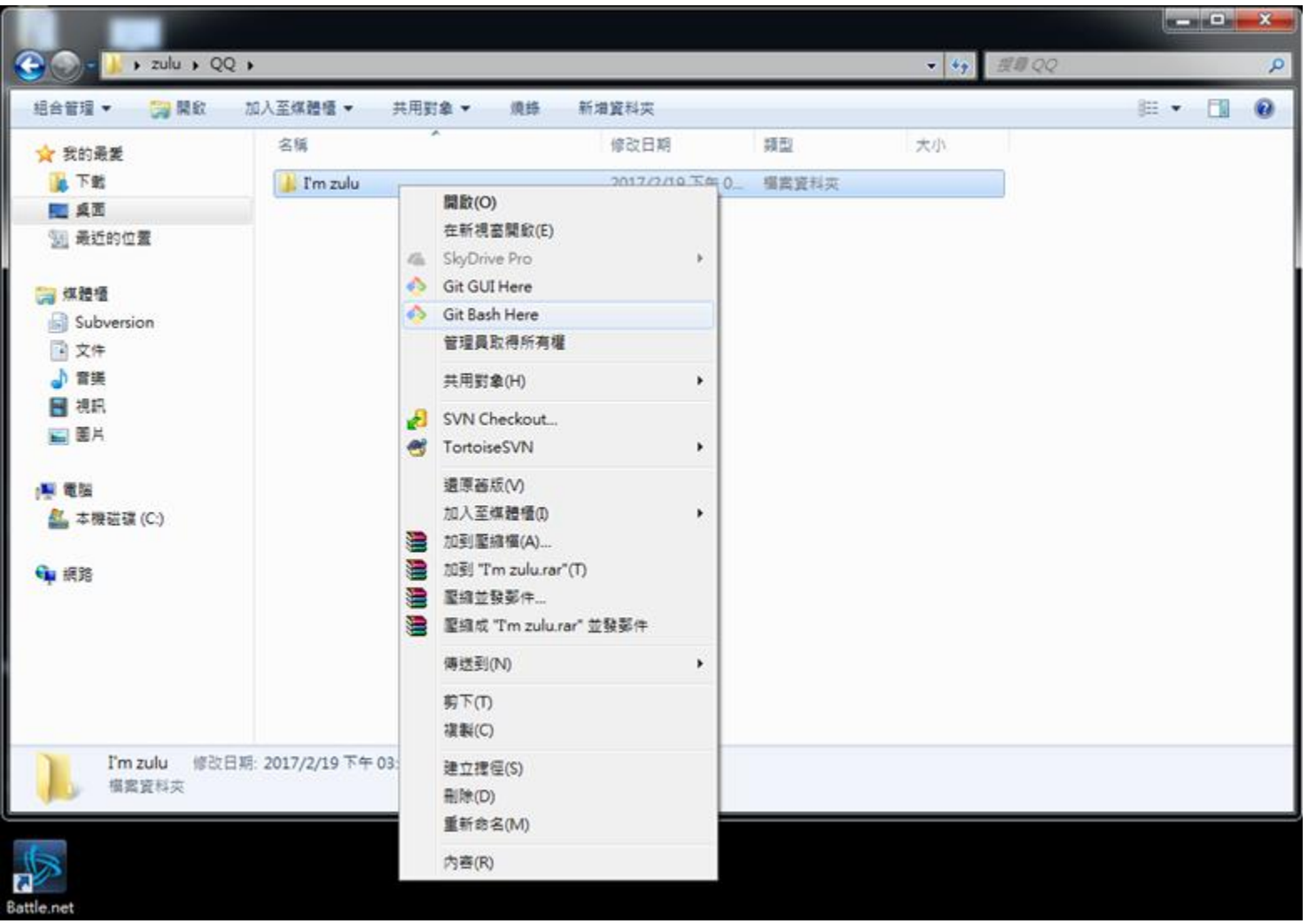
Lab 1 - Practice Submission

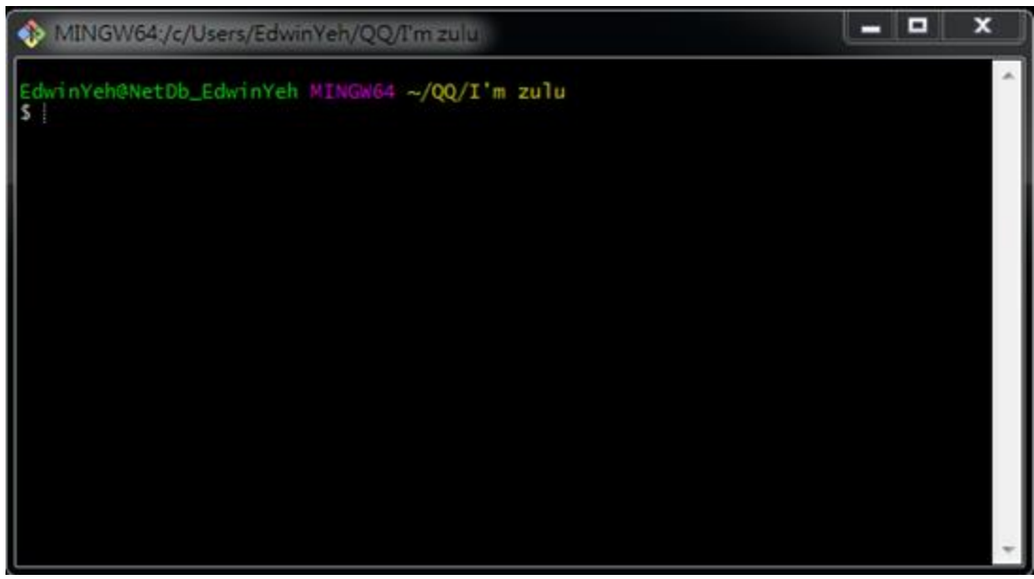
This repository is built for practicing submissions for assignments and projects. You can follow the instructions below in order to know the whole workflow for submitting a lab or project.

Try it!

1. Fork this project.
2. Clone the **forked** project from Gitlab to your local environment.
3. Add a new file and write something.
4. Commit your work.
5. Push the repository to the server.
6. Send a merge request of **your branch** to the origin repository.

If You use Windows





3. Create a folder to put your repos

```
~/SS-Projects  git clone https://shwu10.cs.nthu.edu.tw/ss-student/submission-exercise.git
Cloning into 'submission-exercise'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0)
Unpacking objects: 100% (3/3), done.
~/SS-Projects  ls
submission-exercise
~/SS-Projects
```

4. Type "git clone {URL}"

5. The repo has been successfully cloned

Workflow

- For each lab, you should follow the workflow below

1. Fork our template repository on Gitlab
2. Clone the **forked** repository to your computer
3. Finish your lab
4. Commit in your computer
5. Push to Gitlab
6. Send merge request of **your branch** to our template repository

```
~/SS-Projects/submission-exercise  master  vim lab1.js
~/SS-Projects/submission-exercise  master  git add -A
~/SS-Projects/submission-exercise  master +  git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   lab1.js

~/SS-Projects/submission-exercise  master +  git commit -m "Finish lab1"
[master c1acaf4] Finish lab1
 1 file changed, 1 insertion(+)
 create mode 100644 lab1.js
~/SS-Projects/submission-exercise  master
```

1. -A means all files

2. Check if your file is added to git

3. Commit your changes

```
~/SS-Projects/submission-exercise  master  vim lab1.html
~/SS-Projects/submission-exercise  master  git add -A
~/SS-Projects/submission-exercise  master +  git commit -m "Finish lab1"
[master 8a603d9] Finish lab1
 Committer: Real Wei <realwei@Realweis-MBP.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit wit

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 lab1.html
~/SS-Projects/submission-exercise  master
```

If you see these message, type
git config --global user.name "{name}"
git config --global user.email "{email}"

{email} is the email you use on gitlab

Workflow

- For each lab, you should follow the workflow below

1. Fork our template repository on Gitlab
2. Clone the **forked** repository to your computer
3. Finish your lab
4. Commit in your computer
5. Push to Gitlab
6. Send merge request of **your branch** to our template repository

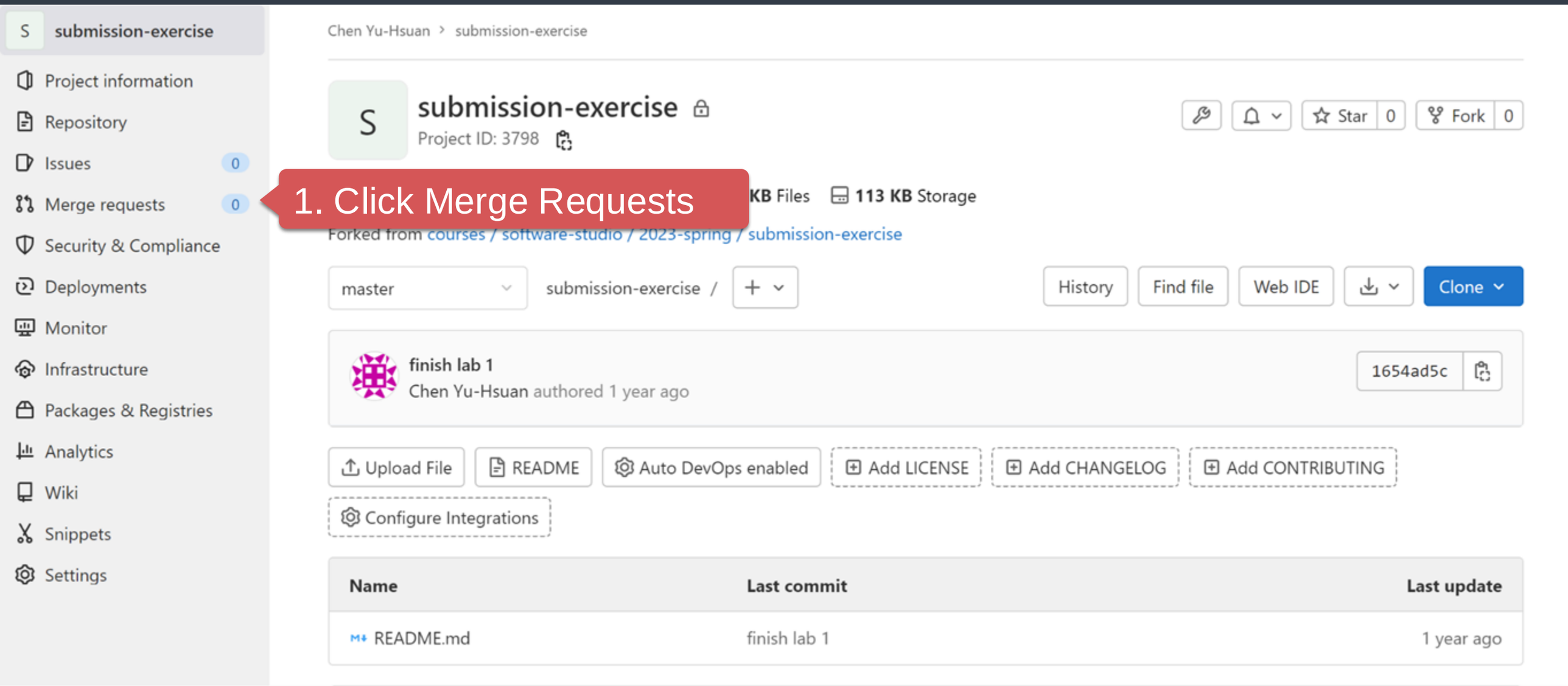
```
~/SS-Projects/submission-exercise  master  git push -u origin master
Counting objects: 6, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 497 bytes | 0 bytes/s, done.
Total 6 (delta 1), reused 0 (delta 0)
To https://shwu10.cs.nthu.edu.tw/ss-student/submission-exercise.git
   b1e0571..8a603d9  master -> master
Branch master set up to track remote branch master from origin.
~/SS-Projects/submission-exercise  master
```

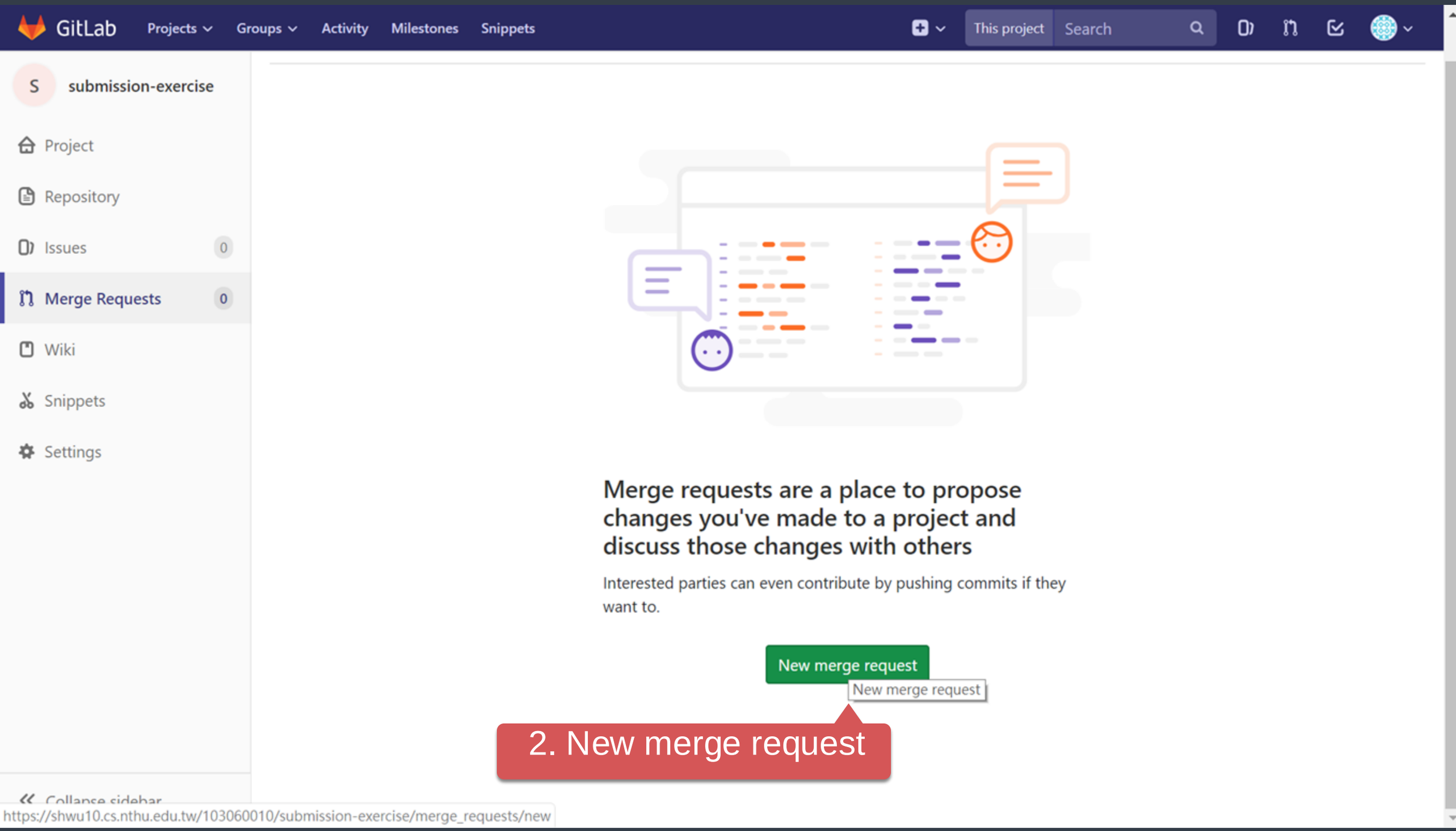
Type "git push -u origin master"

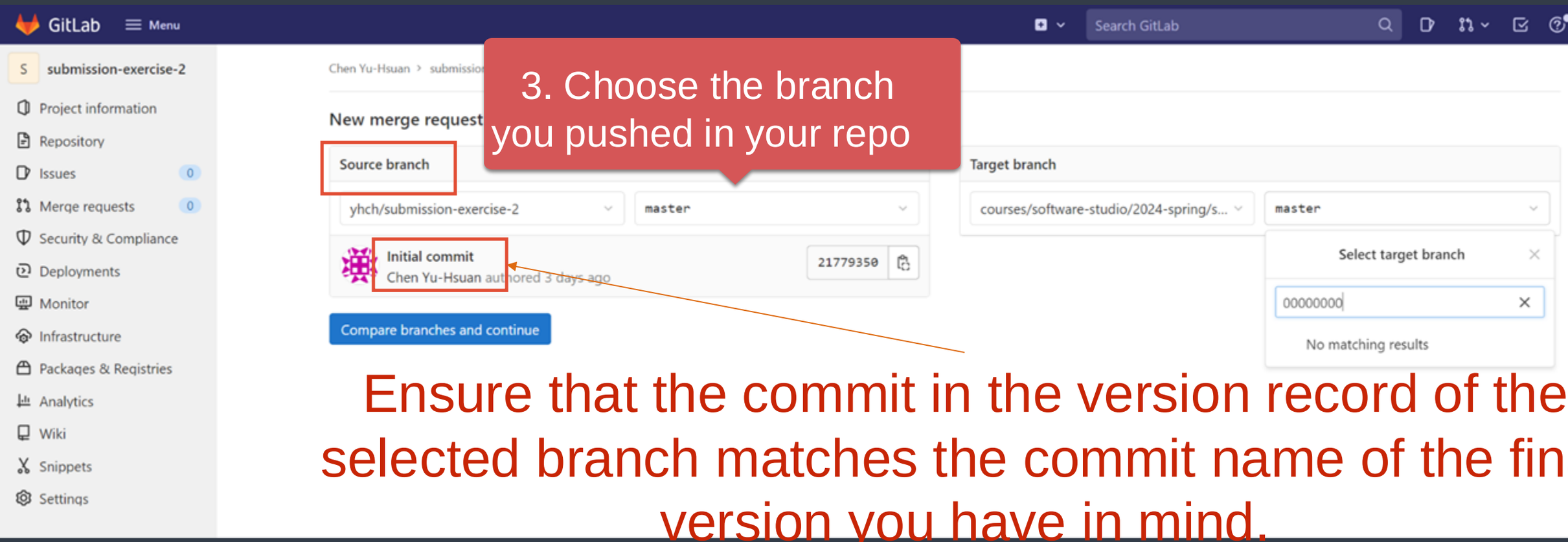
Workflow

- For each lab, you should follow the workflow below

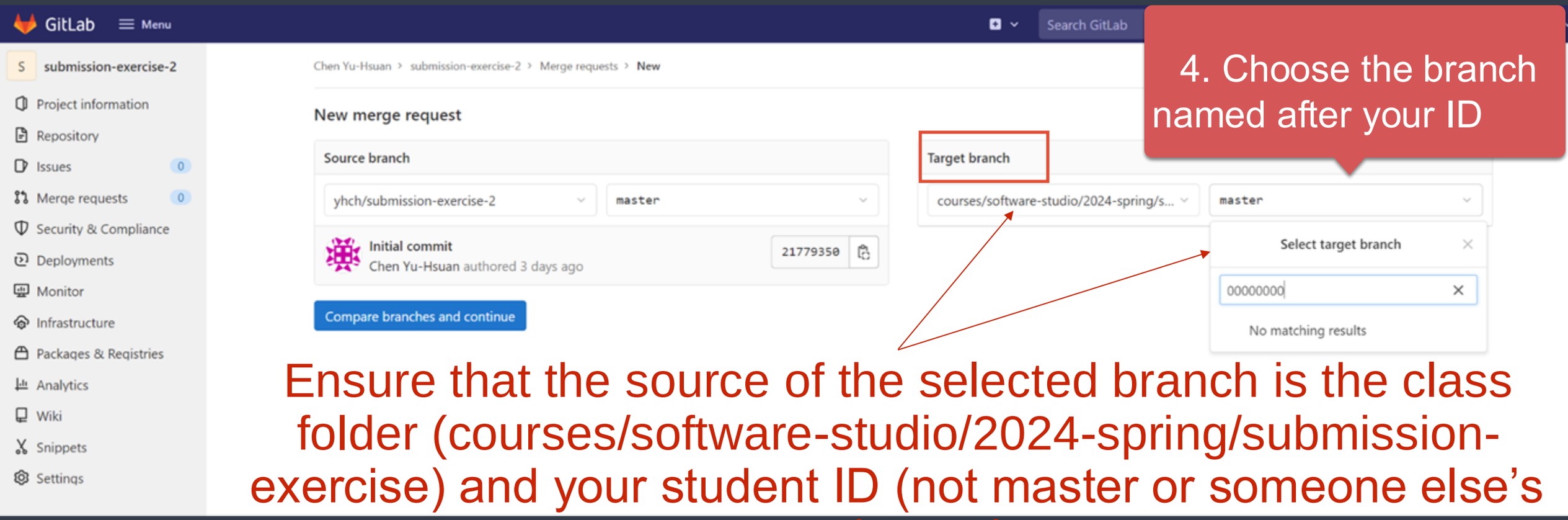
1. Fork our template repository on Gitlab
2. Clone the **forked** repository to your computer
3. Finish your lab
4. Commit in your computer
5. Push to Gitlab
6. Send merge request of **your branch** to our template repository

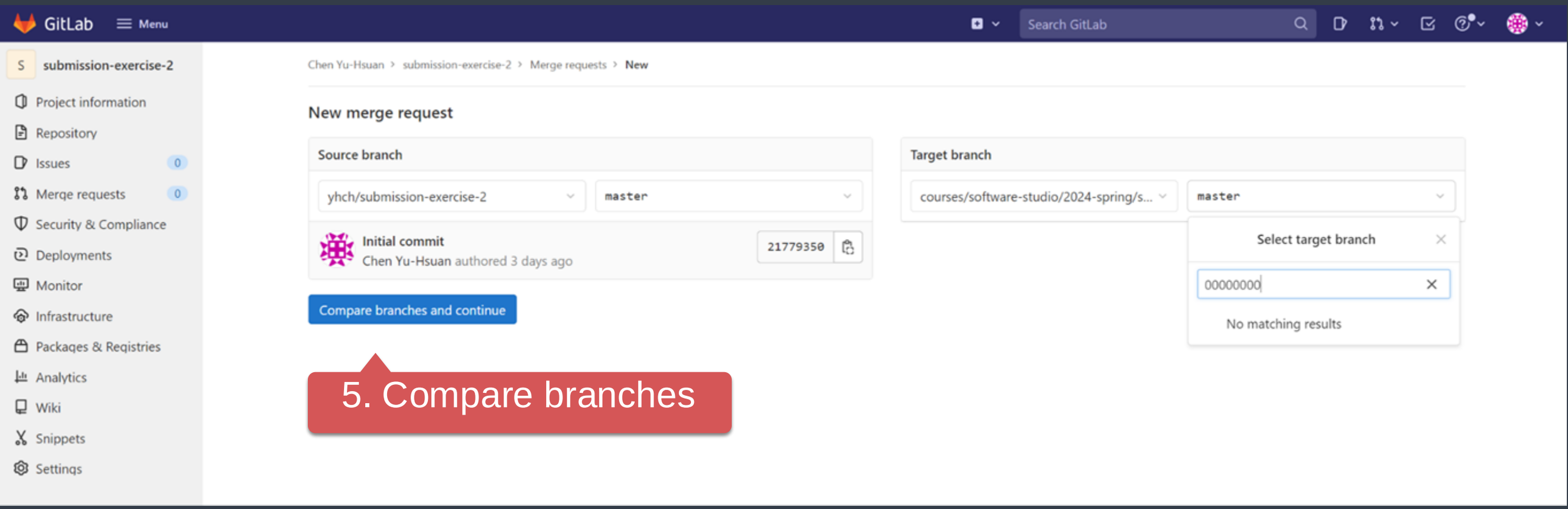

S submission-exercise
Project information
Repository
Issues 0
Merge requests 0
Security & Compliance
Deployments
Monitor
Infrastructure
Packages & Registries
Analytics
Wiki
Snippets
Settings
Chen Yu-Hsuan > submission-exercise
S
submission-exercise
Project ID: 3798
Star 0
Fork 0
1. Click Merge Requests
KB Files
113 KB Storage
Forked from courses / software-studio / 2023-spring / submission-exercise
master
submission-exercise /
History
Find file
Web IDE
Clone
finish lab 1
Chen Yu-Hsuan authored 1 year ago
1654ad5c
Upload File
README
Auto DevOps enabled
Add LICENSE
Add CHANGELOG
Add CONTRIBUTING
Configure Integrations
Name
Last commit
Last update
README.md
finish lab 1
1 year ago


GitLab
Projects
Groups
Activity
Milestones
Snippets
This project
Search
S
submission-exercise
Project
Repository
Issues 0
Merge Requests 0
Wiki
Snippets
Settings
Collapse sidebar
Merge requests are a place to propose changes you've made to a project and discuss those changes with others
Interested parties can even contribute by pushing commits if they want to.
New merge request
New merge request
2. New merge request
https://shwu10.cs.nthu.edu.tw/103060010/submission-exercise/merge_requests/new

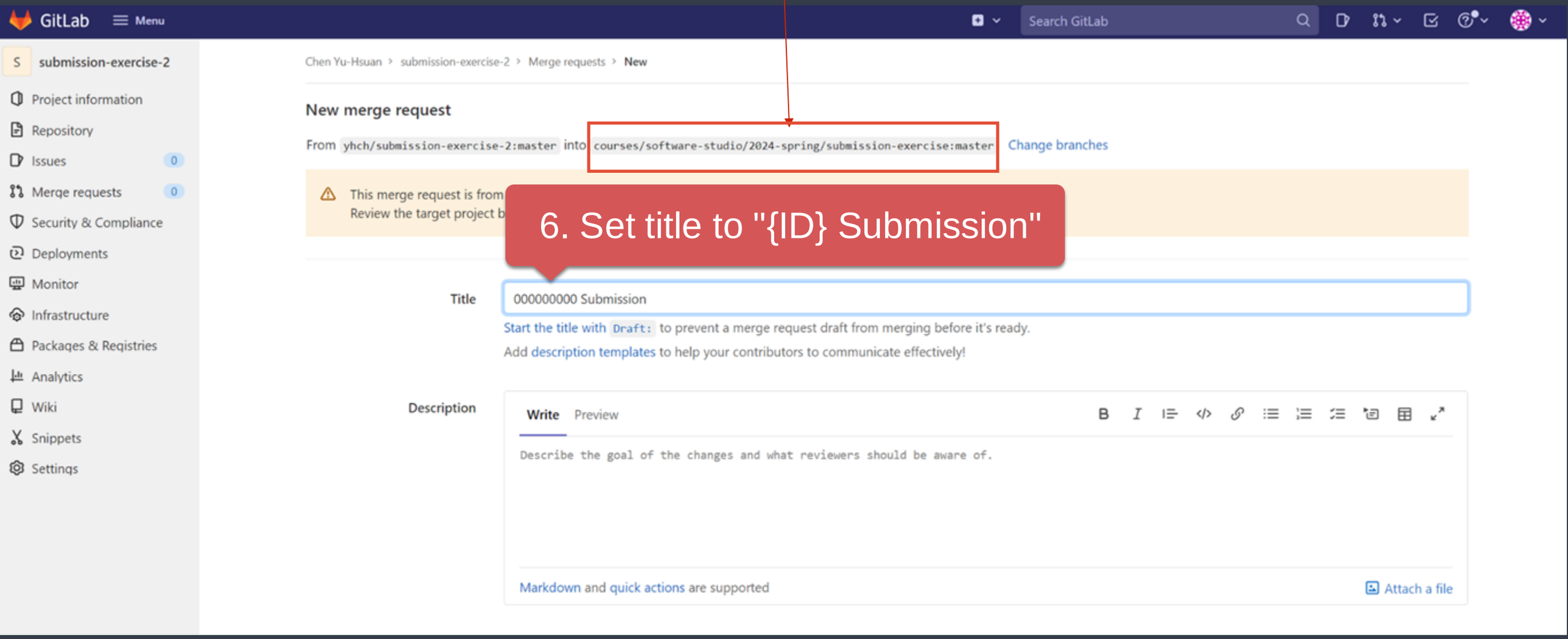


Ensure that the commit in the version record of the selected branch matches the commit name of the final version you have in mind.


GitLab
Menu
Search GitLab
submission-exercise-2
Project information
Repository
Issues 0
Merge requests 0
Security & Compliance
Deployments
Monitor
Infrastructure
Packages & Registries
Analytics
Wiki
Snippets
Settings
Chen Yu-Hsuan › submission-exercise-2 › Merge requests › New
New merge request
Source branch
yhch/submission-exercise-2
master
Initial commit
Chen Yu-Hsuan authored 3 days ago
21779350
Compare branches and continue
Target branch
courses/software-studio/2024-spring/s...
master
Select target branch
00000000
No matching results
4. Choose the branch named after your ID
Ensure that the source of the selected branch is the class folder (courses/software-studio/2024-spring/submission-exercise) and your student ID (not master or someone else's student ID).


GitLab
Menu
Search GitLab
submission-exercise-2
Project information
Repository
Issues 0
Merge requests 0
Security & Compliance
Deployments
Monitor
Infrastructure
Packages & Registries
Analytics
Wiki
Snippets
Settings
Chen Yu-Hsuan › submission-exercise-2 › Merge requests › New
New merge request
Source branch
yhch/submission-exercise-2
master
Initial commit
Chen Yu-Hsuan authored 3 days ago
21779350
Compare branches and continue
Target branch
courses/software-studio/2024-spring/s...
master
Select target branch
00000000
No matching results
5. Compare branches

You can also confirm or change whether the selected branch is correct in this section. For instance, in the picture, the course branch selected is master, which is incorrect. The correct one should be courses/software-studio/2024-spring/submission-exercise: {your student ID}.



Description

Write Preview

Describe the goal of the changes and what reviewers should be aware of.

Markdown and quick actions are supported

Attach a file

Assignee Unassigned Assign to me

Reviewer Unassigned

Milestone Milestone

Labels Labels

Merge options Squash commits when merge request is accepted.

Contribution Allow commits from members who can merge to the target branch. About this feature

Not available for private projects

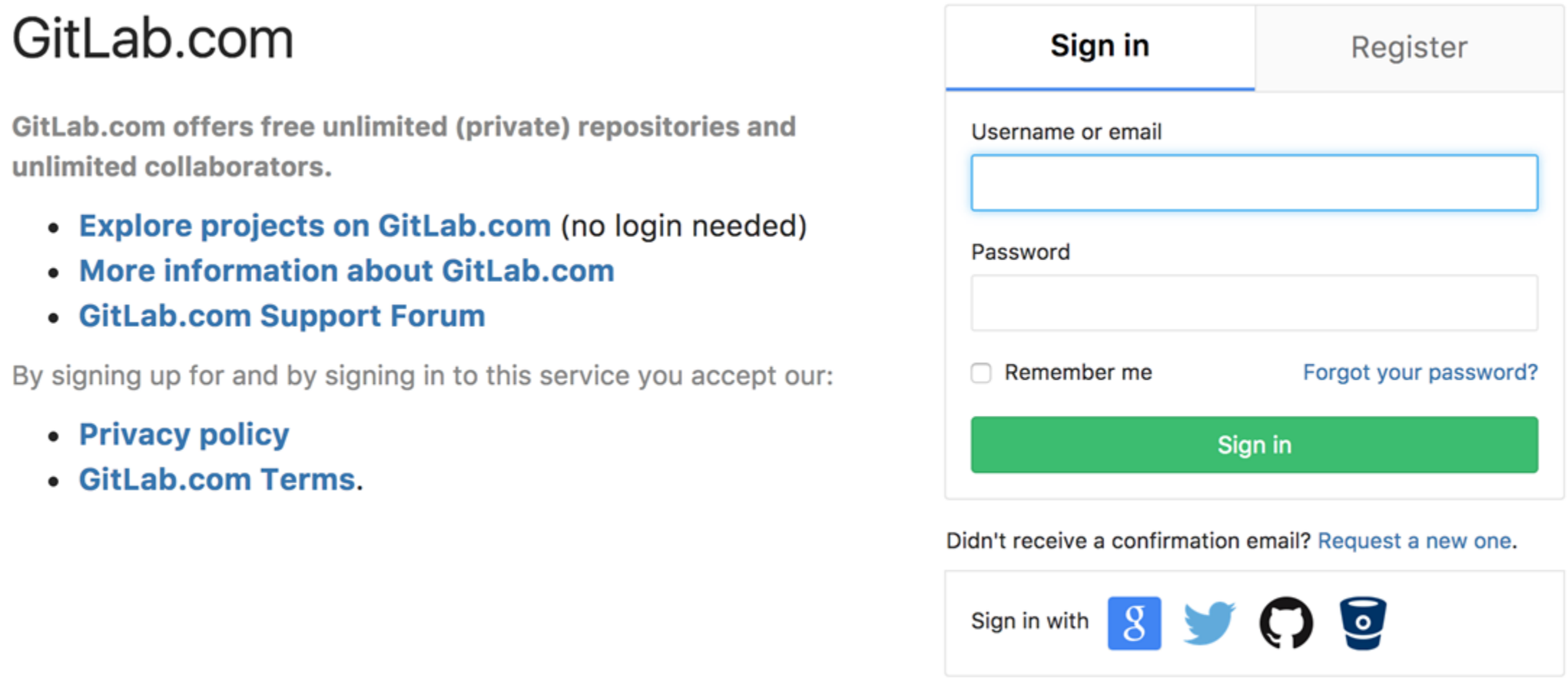
Create merge request

7. If everything is OK, submit your merge request

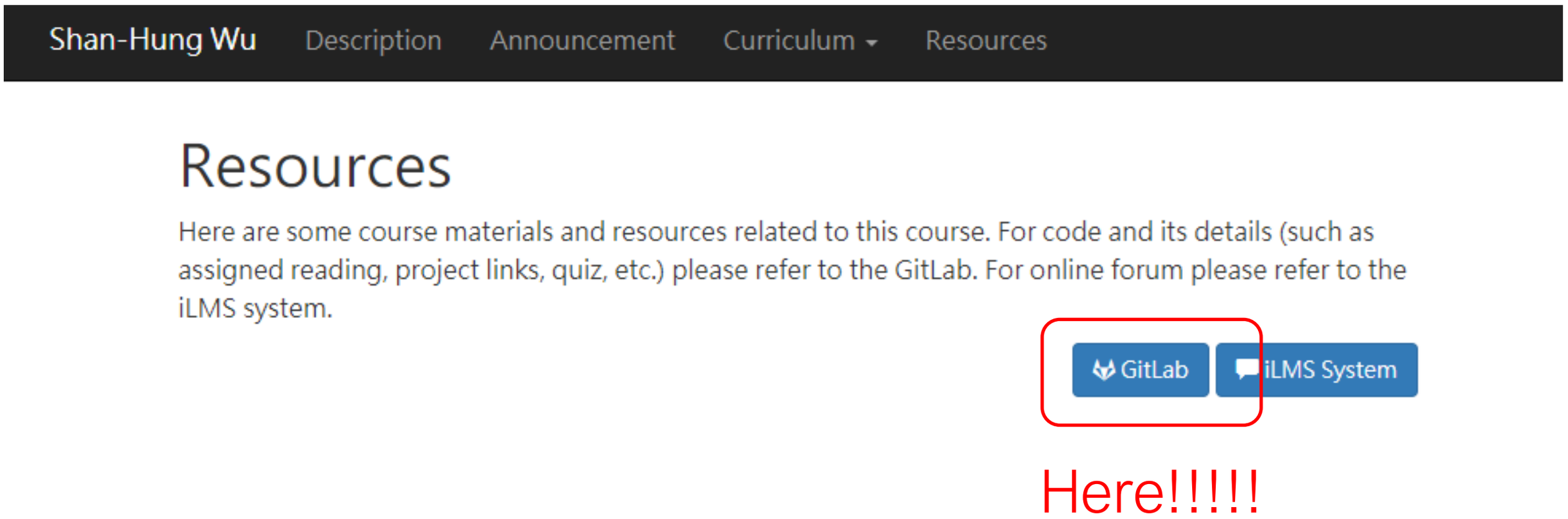
Notice - Don’t do this

Notice - Don’t do this

Notice - Don’t do this



The GitLab setup in our laboratory is accessible through the link.



Outline

- General Rule
- Introduction to Git
    - Version control
    - Git Basics
    - Try Git!
    - Remote Repositories
- How to Submit Your Code to Gitlab
- Tools & References

Tools

- Git GUI
  - GitKraken
- Editor / IDE
  - Visual Studio Code
  - Atom
  - Sublime Text
  - Brackets
  - Notepad++
  - Webstorm


axosoft
GitKraken

Repositories › GitKraken ▾ › master ▾

search commits

Viewing 112/151 Show All

LOCAL (7/11)

- fancier-refbar-changes
- fancy-responsive-refbar-it... 42↗ 99+
- graph-color-test
- hopscotch 24↗ 99+
- init-repo-gitignore-typeahead
- invite-system 6↗ 99+
- jars-view-file-history
- master 5↙
- remote-panel-redesign 15↗ 13↓
- settings-theme-styling
- view-file-history 24↗ 99+

REMOTE (6/41)

- Jeff-Schinella (0/1)
- Jordan-Wallet (0/7)
- Justin-GK (0/1)
- Ken-Price (0/2)
- Kyle-Smith (2/8)
- Max-Korp (0/2)
- Sjepan-Rajko (0/8)
- ayresa (0/3)
- cbargren (0/5)
- origin (4/4)

TAGS (99/99)

0.1.40 Bump to version 0.1.40

Merge pull request #597 from johnhaley81/fix-dispatc...

Merge pull request #594 from Mr-Wallet/nicer-ref-nam...

Fix `waitFor` bug in dispatcher

Merge pull request #596 from johndavidsparrow/gh-p...

Revised custom variable script and switch

Merge pull request #595 from johndavidsparrow/gh-p...

Resolved edge case where RefNodes could overlap

/universe removal of in-app invite wording

0.1.39 Bump to version 0.1.39

Merge pull request #591 from Mr-Wallet/fix-graph-ref-...

Merge pull request #590 from srajko/div-be-gone

Merge pull request #588 from Mr-Wallet/friendlier-app...

Merge pull request #568 from Mr-Wallet/nicer-ref-nam...

Merge pull request #589 from johndavidsparrow/gh-p...

Merge pull request #592 from implausible/FixNSFW

JS tidy up in form-validation.js

Javascript update for /universe

/universe page

added maxwait to updateworkdir debounce

Update NSFW for memory leak

Fix NSFW segfault

Fix flickering GraphRefColumn every time ... 6 days ago

Preventing page reload on default pull click

Eliminate console spam when conflicts exist in a statel...

Upgrading to react-bootstrap v0.24.5

Commit: cca151e6b9e32c3f9209c25131706740050
Parent: 8efe30a11761983173f844900fa5ec5c6be2
Author: John Haley <johnh@axosoft.com>
Author Date: September 30th 2015, 2:54 pm

Bump to version 0.1.40

0 added 0 deleted 2 modified

npm-shrinkwrap.json

```
@@ -1,6 +1,6 @@
 1  1  {
 2  2    "name": "gitkraken",
-3     "version": "0.1.39",
    +3  "version": "0.1.40",
 4  4    "dependencies": {
 5  5      "atom-keymap": {
 6  6        "version": "5.1.11",
```

package.json

```
@@ -1,7 +1,7 @@
 1  1  {
 2  2    "name": "gitkraken",
 3  3    "productName": "GitKraken",
-4     "version": "0.1.39",
    +4  "version": "0.1.40",
 5  5    "description": "An intuitive git cli
 6  6    "main": "./src/appBootstrap/main.js"
 7  7
```

Provide Feedback


VS Code

EXPLORE

WORKING FILES

03.jpg img

TBL-STYLES

- css
- img
- js
  - hoverIntent.js
  - jquery.dropdown.js
  - jquery.more.js
  - jquery.more.min.js
  - jquery.plugin.js
  - jquery.plugin.min.js
  - mapper.js
  - maputil.js
  - navigation.js
  - smoothscroll.js
  - tabs.js

navigation.js js

```
var scriptbase = _spPageContextInfo.webServerRelativeUrl + "/_layouts/15/";

$(document).ready(function () {
    $.getScript(scriptbase + "SP.Runtime.js", function () {
        $.getScript(scriptbase + "SP.js", function () {
            $.getScript(scriptbase + "SP.Taxonomy.js", function () {
                context = SP.ClientContext.get_current();
                //Call your code here.
                console.log("Navigation - ready to rock.");

                // Get default termstore

                session = SP.Taxonomy.TaxonomySession.getTaxonomySession(context);
                termStore = session.getDefaultSiteCollectionTermStore();
                context.load(session);
                context.load(termStore);
                context.executeQueryAsync(
                    function () {
                        console.log('Got default term store');
                    },
                    function(sender, args) {
                        console.log('Could not get default term store. ' + args.get_message());
                    }
                );


            });
        });
    });
});

var topnavbar;

topnavbar +=    '<div class="tbl-site-navigation">';
topnavbar +=        '<ul class="dropdown">';
topnavbar +=        '<li class=""><a href="#">The Brand Code - a</a></li>';
topnavbar +=        '<li class="dropdown1">';
topnavbar +=            '<ul class="sub_menu" style="visibility: hidden;">';
topnavbar +=                '<li class="large">';
topnavbar +=                    '<div class="dropdownbox">';
topnavbar +=                        '<div class="dropdownbox-title">Welcome to the Brand Code</div>';
topnavbar +=                        '<ol>';
topnavbar +=                            '<li><a href="">The importance of Brand Building</a></li>';
topnavbar +=                            '<li><a href="">Introduction to the Brand Code</a></li>';
topnavbar +=                            '<li><a href="">You and the Brand Code</a></li>';
topnavbar +=                        '</ol>';
topnavbar +=                    '</div>';
```

0 18 Ln 38, Col 72 UTF-8 CRLF JavaScript


ATOM
A hackable text editor
for the 21st Century
build
docs
dot-atom
exports
keymaps
menus
node_modules
resources
script
spec
src
static
atom.coffee
Settings
Essential: Atom global for dealing with packages, themes, menus, and the wir
#
An instance of this class is always available as the `atom` global.
module.exports =
class Atom extends Model
@version: 1 # Increment this when the serialization format changes
Load or create the Atom environment in the given mode.
#
Returns an Atom instance, fully initialized.
@loadOrCreate: (mode) ->
startTime = Date.now()

Reference

- Learn Git branching (interactive)
  - http://pcottle.github.io/learnGitBranching/
- Pro Git
  - http://git-scm.com/book/
- 寫給大家的 Git 教學
  - http://www.slideshare.net/littlebtc/git-5528339

Today’s exercise

- Install Git command line tool in your computer.
  - Follow appendix “Git Command-line Tool Installation”.
- Try to submit in GitLab.