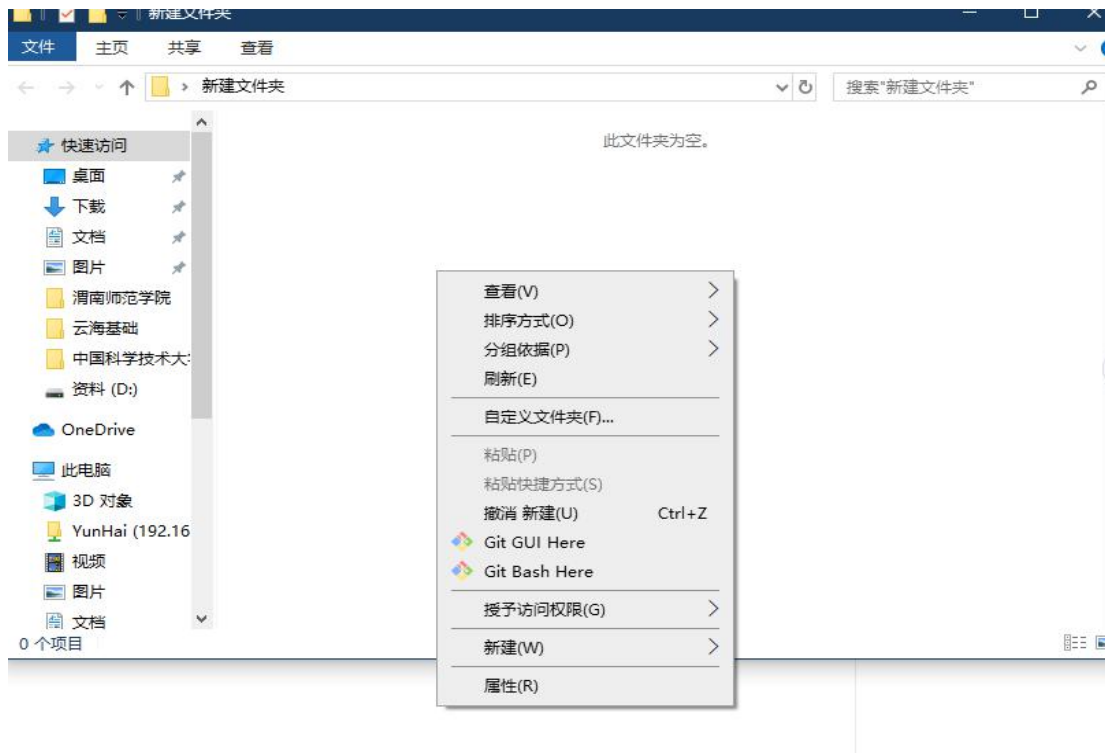


Git 基础使用方式

Win 下，进入文件夹，鼠标右键空白处，选择 Git Bash Here



关闭 SSL 检查

```
MINGW64:/c/Users/Admin/Desktop/新建文件夹
Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global http.sslverify false
Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$
```

配置用户信息

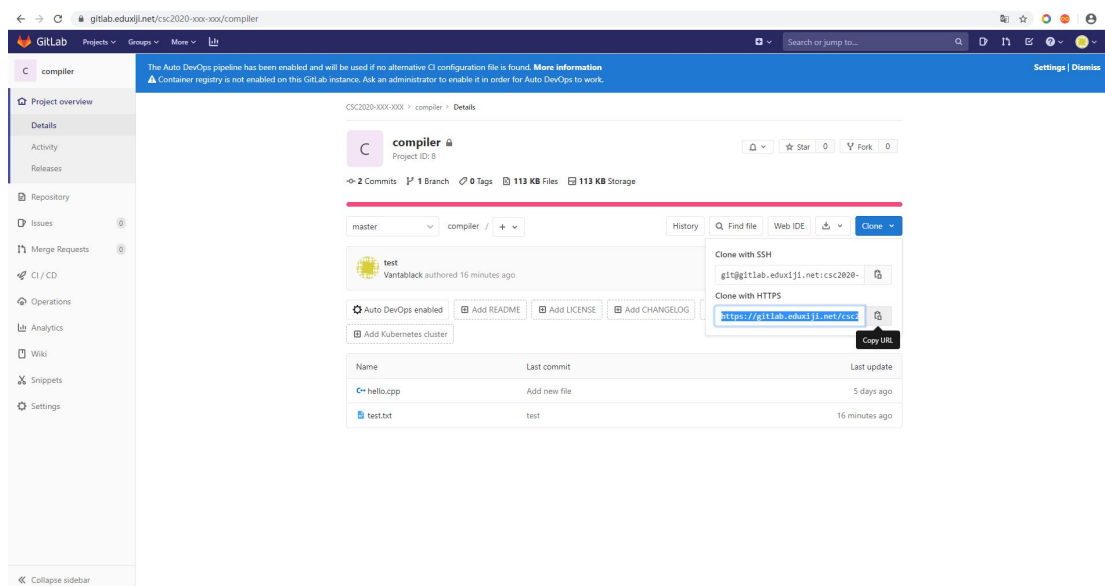
```
MINGW64:/c/Users/Admin/Desktop/新建文件夹
Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global http.sslverify false

Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global user.name "Vantablack"

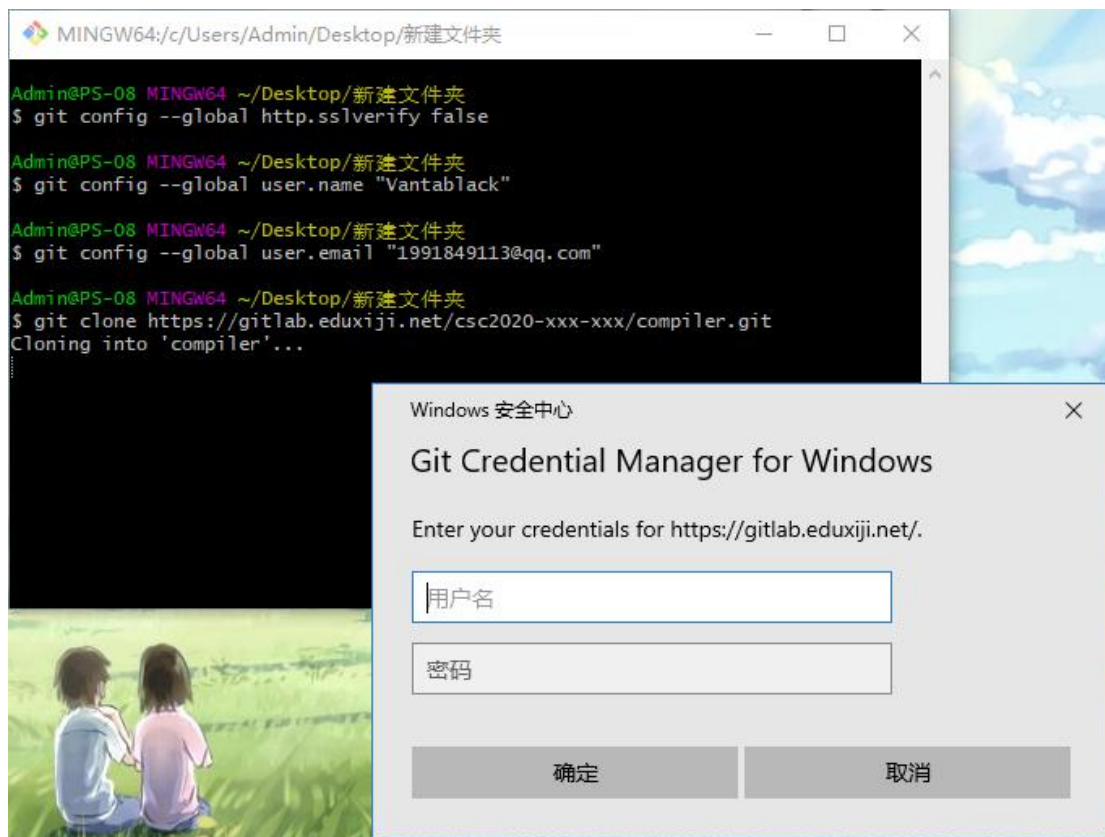
Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global user.email "1991849113@qq.com"

Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ |
```

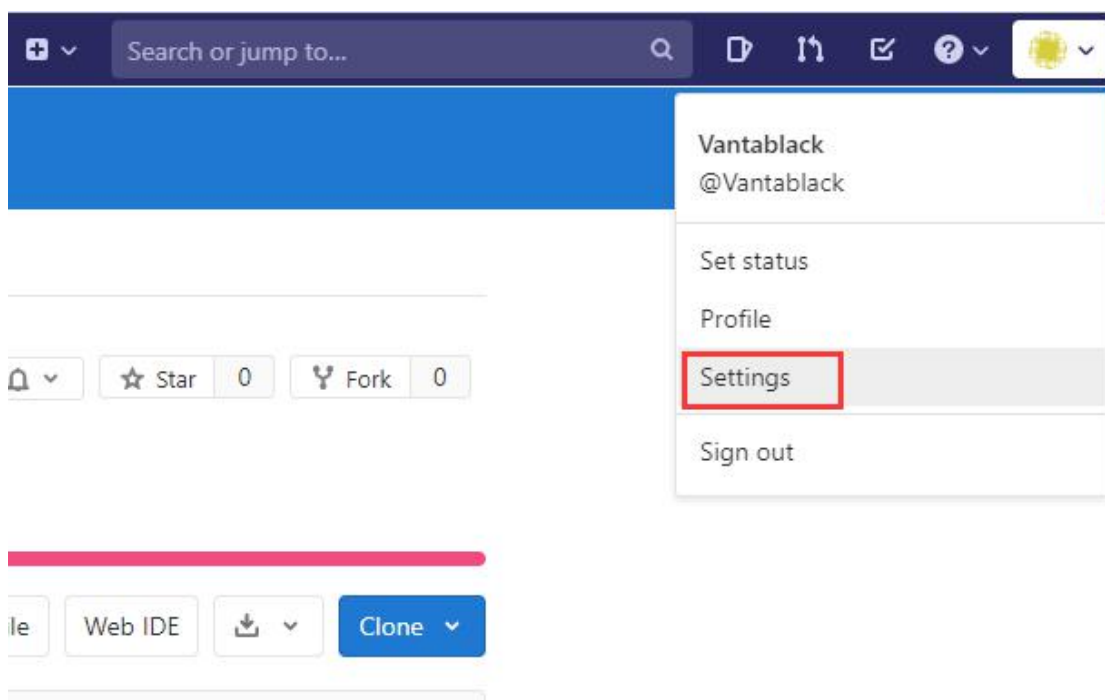
Web 端打开项目，复制仓库地址



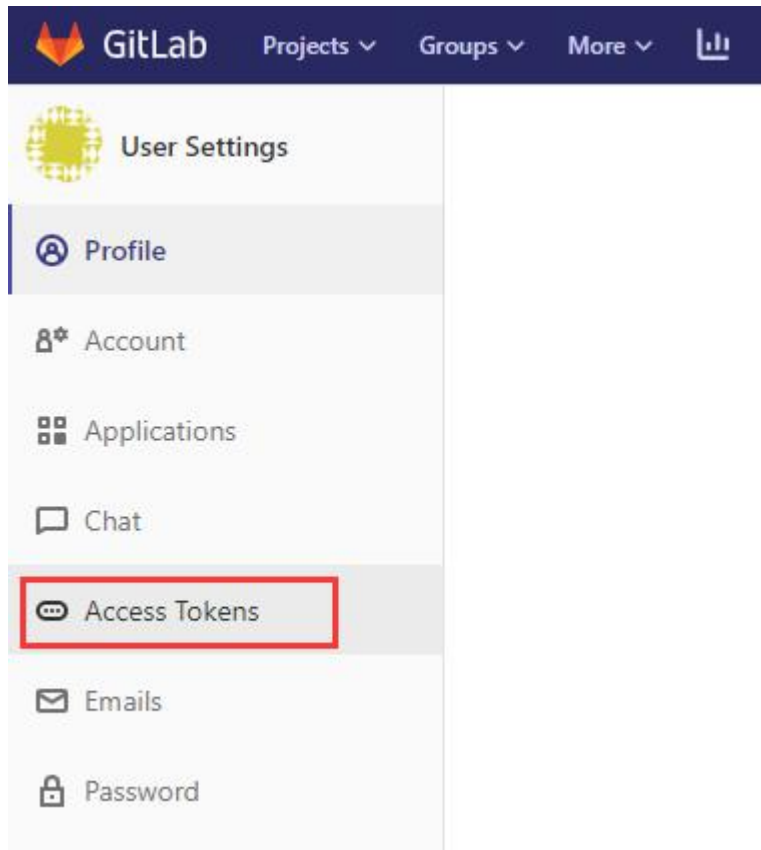
clone 项目时要求输入用户名密码，这里需要输入用户令牌



进去个人信息，点击 Settings



选择个人 Access Tokens



填入 Name, Expires at, 选择 write_repository 创建

User Settings > Access Tokens

Personal Access Tokens

You can generate a personal access token for each application you use that needs access to the GitLab API.

You can also use personal access tokens to authenticate against Git over HTTP. They are the only accepted password when you have Two-Factor Authentication (2FA) enabled.

Add a personal access token

Pick a name for the application, and we'll give you a unique personal access token.

Name

Expires at

Scopes

- ☐ **api**
Grants complete read/write access to the API, including all groups and projects, the container registry, and the package registry.
- ☐ **read_user**
Grants read-only access to the authenticated user's profile through the /user API endpoint, which includes username, public email, and full name. Also grants access to read-only API endpoints under /users.
- ☐ **read_api**
Grants read access to the API, including all groups and projects, the container registry, and the package registry.
- ☐ **read_repository**
Grants read-only access to repositories on private projects using Git-over-HTTP or the Repository Files API.
- ☒ **write_repository**
Grants read-write access to repositories on private projects using Git-over-HTTP (not using the API).

[Create personal access token](#)

① Your new personal access token has been created.

Personal Access Tokens

You can generate a personal access token for each application you use that needs access to the GitLab API.

You can also use personal access tokens to authenticate against Git over HTTP. They are the only accepted password when you have Two-Factor Authentication (2FA) enabled.

Your New Personal Access Token

VCqX9-fS8S-ThnX4N1s1

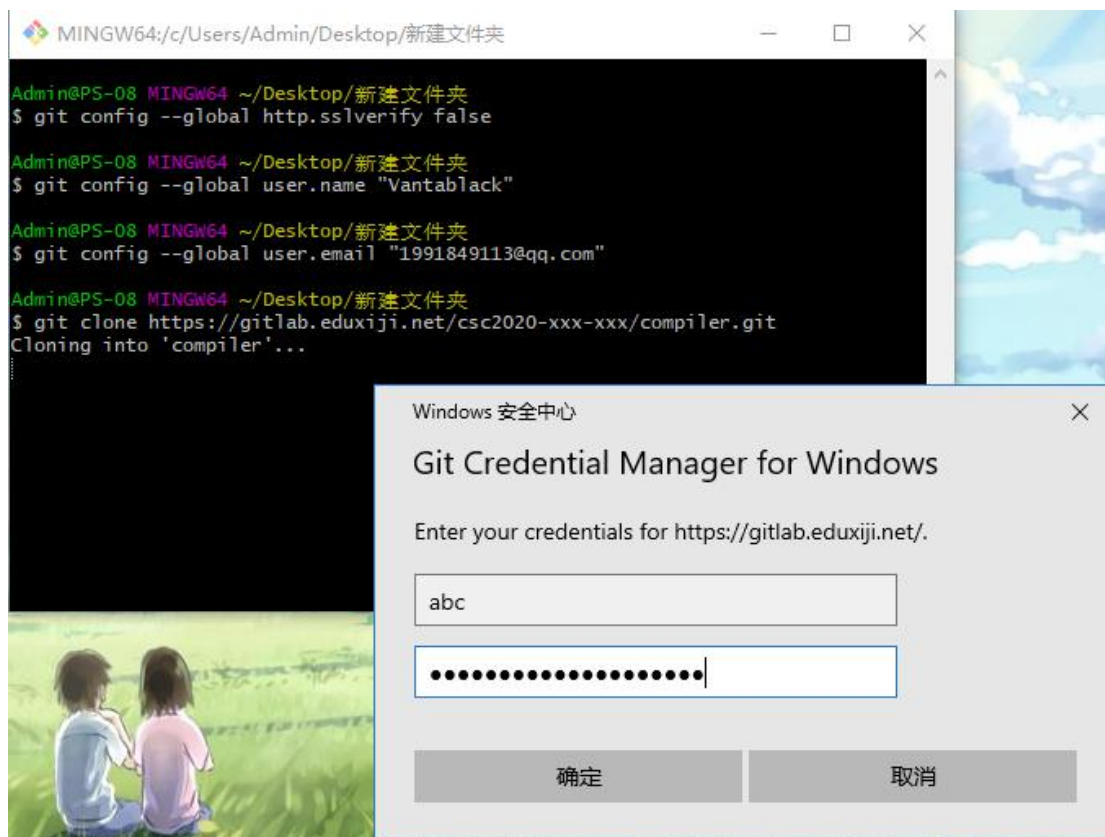
Make sure you save it - you won't be able to access it again.

Add a personal access token

Pick a name for the application, and we'll give you a unique personal access token.

Name

将生成的 Access Token 作为密码填入



可以看到现在正常的 clone 了下来

```
MINGW64:/c/Users/Admin/Desktop/新建文件夹

Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global http.sslverify false

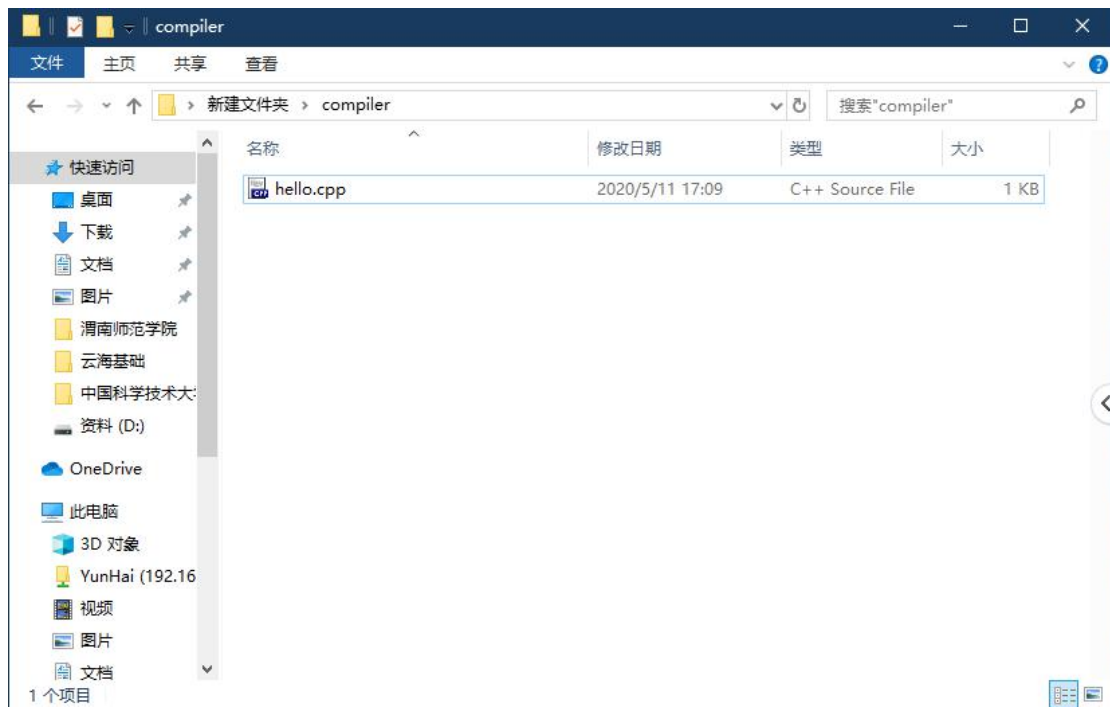
Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global user.name "Vantablack"

Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git config --global user.email "1991849113@qq.com"

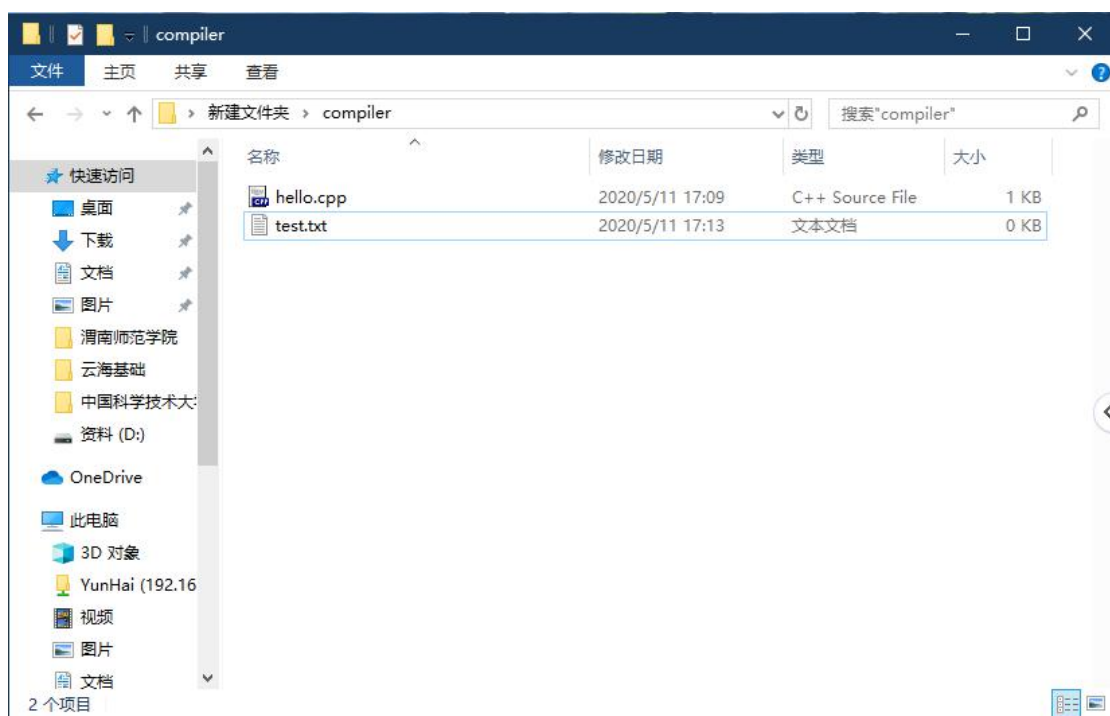
Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$ git clone https://gitlab.eduxiji.net/csc2020-xxx-xxx/compiler.git
Cloning into 'compiler'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), done.

Admin@PS-08 MINGW64 ~/Desktop/新建文件夹
$
```

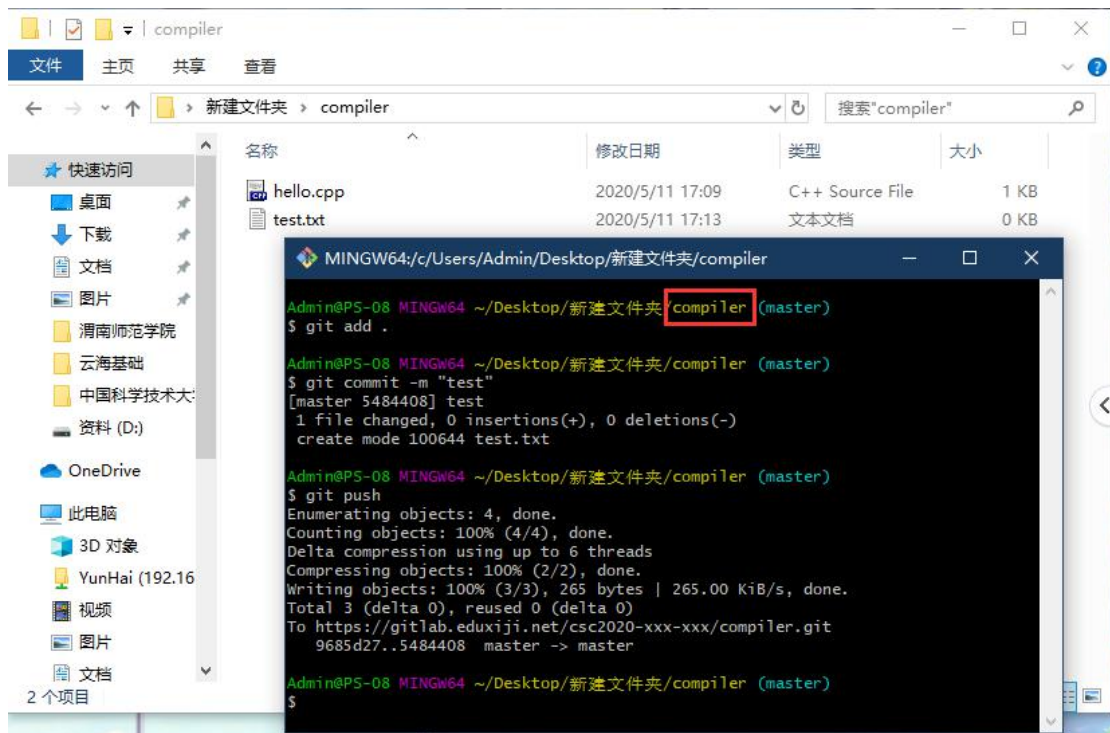




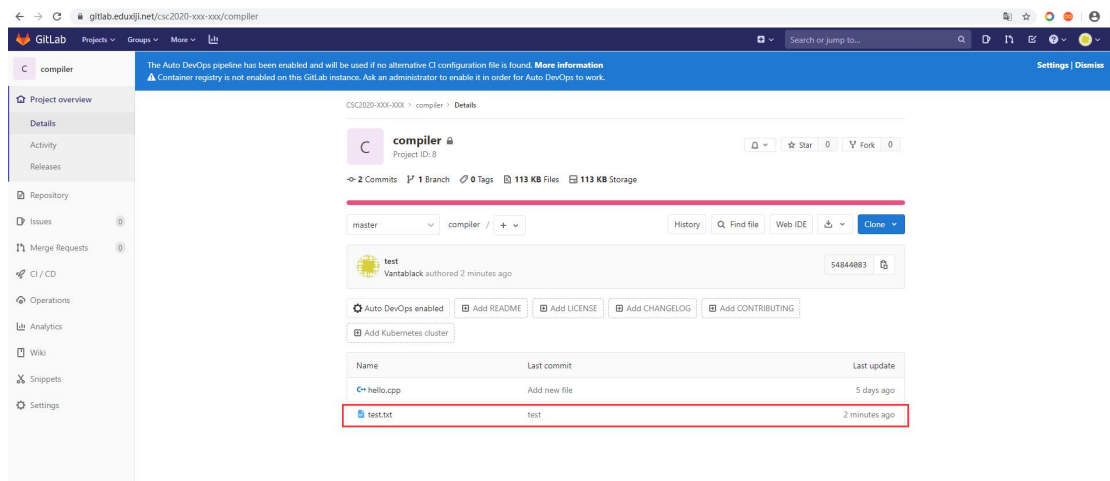
新建一个文件 test.txt



进入项目文件夹，鼠标右键空白处，选择 Git Bash Here，看到路径应在项目里，然后提交，推送



刷新浏览器可以看到新建的文件已经被推送到了远端仓库



Linux 下的操作与 win 上基本相同。

```
root@bogon:~  
Microsoft Windows [版本 10.0.18363.778]  
(c) 2019 Microsoft Corporation. 保留所有权利。  
  
C:\Users\Vantablack>ssh root@192.168.100.183  
The authenticity of host '192.168.100.183 (192.168.100.183)' can't be established.  
ECDSA key fingerprint is SHA256:+QCoWPTeskaLOyISOVN0XRO0g2CmJl1xaf1c0kTmdueo.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added '192.168.100.183' (ECDSA) to the list of known hosts.  
root@192.168.100.183's password:  
Last login: Mon May 11 17:34:53 2020  
[root@bogon ~]# git config --global http.sslverify false  
[root@bogon ~]# git config --global user.name "Vantablack"  
[root@bogon ~]# git config --global user.email "1991849113@qq.com"  
[root@bogon ~]# git clone https://gitlab.eduxiji.net/csc2020-xxx-xxx/compiler.git  
正克隆到 'compiler' ...  
Username for 'https://gitlab.eduxiji.net': abc  
Password for 'https://abc@gitlab.eduxiji.net':  
remote: Enumerating objects: 8, done.  
remote: Counting objects: 100% (8/8), done.  
remote: Compressing objects: 100% (6/6), done.  
remote: Total 8 (delta 1), reused 0 (delta 0), pack-reused 0  
Unpacking objects: 100% (8/8), done.  
[root@bogon ~]# ls  
anaconda-ks.cfg  generated  Packet Tracer 7.2.1 for Linux 64 bit.tar.gz  视频  下载  
compiler         libpng12-1.2.50-6.el7.x86_64.rpm  公共  图片  音乐  
docs             Packet_Tracer_7.2.1  模板  文档  桌面  
[root@bogon ~]# ls -r compiler/  
test.txt  hello.cpp  
[root@bogon ~]#
```