

# Git Server Guide

This is the guide for using the Git server of *Compiler Principles* course 2018.

## 1 Basic

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### URL on the inner net of Laboratory 401

Web URL: <http://172.16.101.16/>

Git URL: <git@172.16.101.16>

### URL on the Internet

Web URL: <http://210.45.114.146:880/>

Git URL: <ssh://git@202.38.79.111:33126/>

## 2 Registration and Login

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### 2.1 Basic registration

Open the correct web URL according to your network environment, click on **[Register]** and fill in the form.

**Full name:** Your name

**Username:** Your student ID (e.g. PB16011xxx)

**Email:** Your educational email (e.g. xxx@email.ustc.edu.cn)

**Password:** Your own password, must be no shorter than 8 characters

Now click **[Register]**. An confirmation email will be posted into your email box. Check it in the [Spam] box. Now you should follow the tutorial below.

### 2.2 Registration On the inner net of Laboratory 401

Open web URL (<http://172.16.101.16/>), follow basic registration.

After you find the confirmation email, just follow it, and your account will be activated.

### 2.3 Registration On the Internet

URL is a bit different (<http://210.45.114.146:880/>).

When you find the confirmation email, **DO NOT** click on the URL directly. Copy the link, paste it into another window or tab of your browser, **MODIFY** the IP [172.16.101.16](#) into public URL [210.45.114.146:880](#) to continue.

For example, If URL your confirmation email is [http://172.16.101.16/users/confirmation?confirmation\\_token=xxxxx](http://172.16.101.16/users/confirmation?confirmation_token=xxxxx), change it into [http://210.45.114.146:880/users/confirmation?confirmation\\_token=xxxxx](http://210.45.114.146:880/users/confirmation?confirmation_token=xxxxx) before you visit.

### 2.4 Login

Use your email address and password to login.

## 3 Remote Operations of Git

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### 3.1 Basic operations in Lab 401

Basic operations are the same for what you should do on other Git servers (e.g. Github).

### 3.2 Operations on the Internet

You cannot visit [172.16.101.16](#) on the Internet. Instead, the IP and port on the Internet is [202.38.79.111](#) and [33126](#).

Try to replace `git@172.16.101.16/` to `ssh://git@202.38.79.111:33126` **UNDER ANY CIRCUMSTANCES.**

If you did not choose to clone any project from the server, you might need to add your own remote URL. Remember to set alias `origin` to `ssh://git@202.38.79.111:33126/yourUsername/yourProjectName.git`

## 4 Other

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### 4.1 Forget your password

You can find the reset link on the login page. Remember to change the IP before you visit the URL. (See section 2.3)

### 4.2 Email has been misused by others

Please contact the TA group.