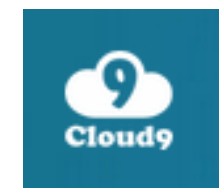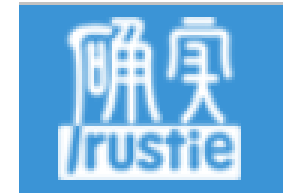# Everything Need to Know Before Getting Feet Wet

- Where to find **course** related information
  - www.trustie.net (Trustie platform)

- Where to host your **project** and **code**
  - Project management at Trustie
  - Code management at Trustie with GitLab

- Where to **develop** your apps
  - Cloud9 (c9.io)

- Where to **deploy** your apps
  - Heroku (www.heroku.com)

Your Course Is Here
Trustie Platform (www.trustie.net)

Register

- Register in the platform
  - Your REAL name
  - Your student ID number

Join the Course

Your Homework Is Here

- Regularly check the platform
  - Notification - what is going on
  - Homework – what is the deadline
  - Repository – keep you personal artifacts (code, doc, homework, etc.)
  - Discussion - talk to other
- Taste all the functions and have fun

Project and Code at Trustie
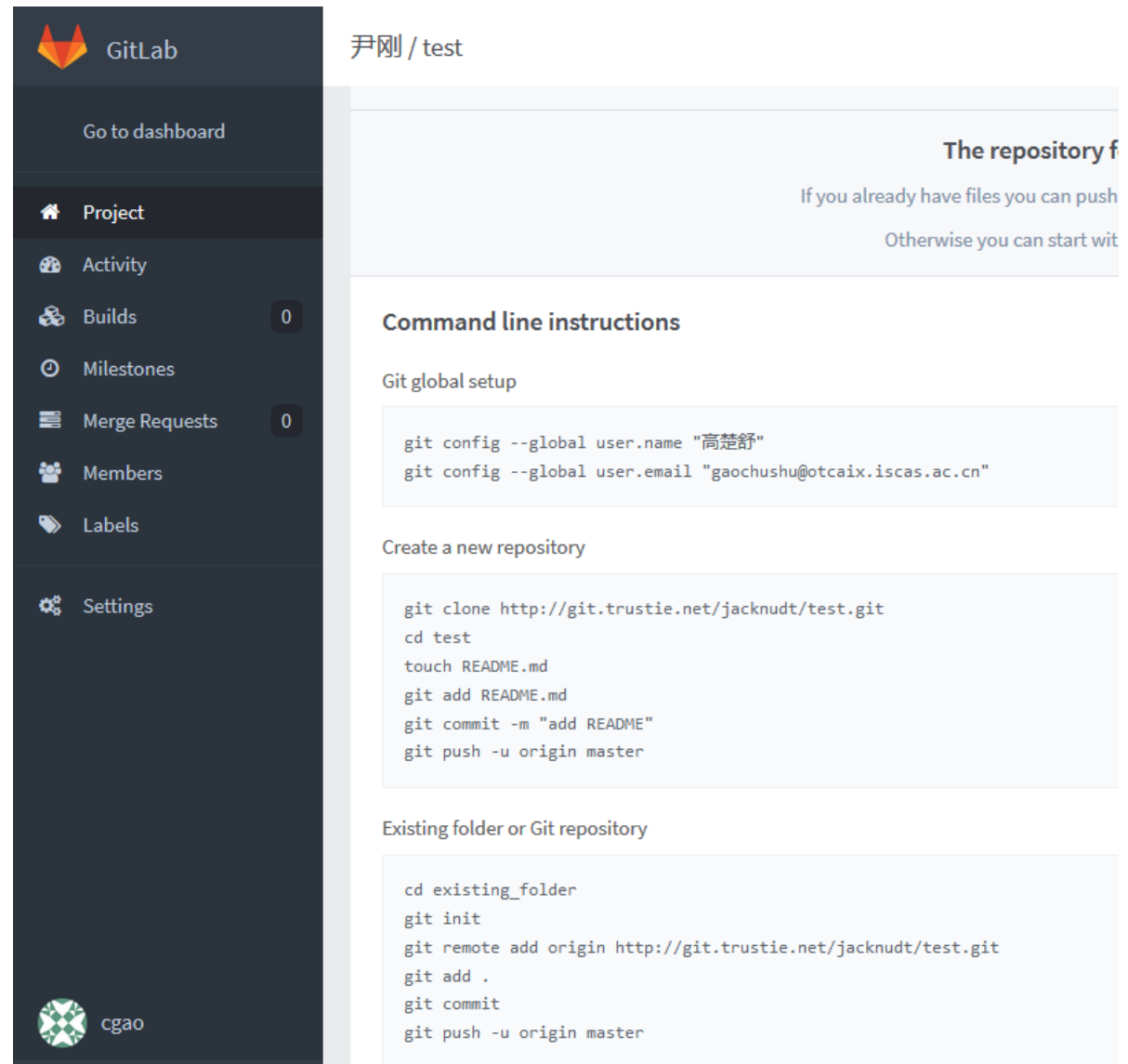
- Once there is a homework assignment
  - You can create project in your Git repository @ Trustie (read trustie help)
  - You can link your code in Git repository to the homework assignment
- If you are not sure how to do, **ASK** TAs or lecturers

Project and Code at Trustie

- For team-based homework and project
  - Team leader **create** project in Git@trustie
  - Team leader **add** team members
  - Team leader **link** code to the homework
- If you are not sure how to do, **ASK** TA or lecturers

How To Check Your Code

- Refer to any Git book or online resources
  - Know the basic flow of git
  - Know the meaning of local repository/ remote repository
  - Know how to push/pull/clone
- Your will use it to manage your homework and course projects

GitLab

Go to dashboard

- Project
- Activity
- Builds   0
- Milestones
- Merge Requests 0
- Members
- Labels

- Settings

cgao

尹刚 / test

The repository f

If you already have files you can push

Otherwise you can start wit

Command line instructions

Git global setup

```
git config --global user.name "高楚舒"
git config --global user.email "gaochushu@otcaix.iscas.ac.cn"
```

Create a new repository

```
git clone http://git.trustie.net/jacknudt/test.git
cd test
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

Existing folder or Git repository

```
cd existing_folder
git init
git remote add origin http://git.trustie.net/jacknudt/test.git
git add .
git commit
git push -u origin master
```

Your Environment Setup

- Cloud9 online IDE(recommended)
  - If you already have a **c9** account, tell TA your **username** or **email address**
  - If not, leave **an email address** to TA, you will be invited to join a shared University account(**UCAS SE 2017 fall**)
  - more instructions see:
  https://github.com/saasbook/courseware/wiki/Setting-up-Cloud9
- If you want setup environment on your own computer (at your own risk ;-)
  - https://github.com/saasbook/courseware/wiki

App Deployment at Heroku

- Create account at https://www.heroku.com/
- Try tutorial of Ruby
  - https://devcenter.heroku.com/articles/getting-started-with-ruby#introduction
- You may need to install other tools according to the OS used
  - heroku toolbelt – CLI for Heroku apps management
  - git

Check List Before Your 2nd Class

- an account of **Trustie**

  - make sure your **name/student ID** are correct
  - try to play with your Git repository@trustie

- join the course

  - course invitation code: **SJ683**

- an account of **Heroku**

  - make sure your heroku app is **accessible**
  - know basic command of heroku

- an environment for ruby on rails
  - check ruby **installed** (e.g.: command#: ruby -v)
  - check rails **installed** (e.g.: command#: rails -v)

And More…

- Trustie platform is under development
  - READ user guide
    - https://www.trustie.net/organizations/1/downloads
  - TRY everything you could
  - POST if you have any problems in discussion area on Trustie
- Software engineering course is under development
  - SHARE every findings in the discussion area
    - How to setup environments
    - How to use git
    - How to use heroku
    - How to program with ruby
    - How to develop with rail
    - …
  - GIVE feedback about the course, homework, and anything related to SE

Who to Ask

- Lecturers
  - Jun Wei 魏峻 (wj@otcaix.iscas.ac.cn)
  - Chushu Gao 高楚舒 (gaochushu@otcaix.iscas.ac.cn)
- Student TA
  - Huazhe Tan 谭华哲
- Ask @ Trustie
  - **讨论区@高级软件工程2017秋季**
- Ask @ QQ group
  - Group number (257913763)