

# Xcos Automatic Layout

## Preparation

Name: Chenfeng Zhu  
Mentor: Mr. David Clément  
Mentor: Mr. Paul Bignier

## 1 Git and Gerrit

Reference Link is: <http://wiki.scilab.org/gerrit>.

### 1.1 Access to GIT/Codereview

- 1) Registration on gerrit  
With an account on Scilab or ATOMS, log in <http://codereview.scilab.org/>. if it does not work, contact with [Dominique](#).
- 2) Create a SSH key  
`ssh-keygen -t rsa -f ~/.ssh/id_rsa`  
Add this public key to the Settings on codereview.  
Send this key to Scilab's admin and tell him the relative branches.
- 3) Test whether the key is valid and available:

```
zhuzhu@zhuzhu-vbUbuntu14:~/.ssh$ ssh git.scilab.org
The authenticity of host '[git.scilab.org]:29418 ([193.51.192.152]:29418)' can't
be established.
RSA key fingerprint is 24:97:e7:89:fa:28:f4:be:57:e5:18:38:97:13:a5:46.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '[git.scilab.org]:29418,[193.51.192.152]:29418' (RSA)
to the list of known hosts.
Permission denied (publickey).
zhuzhu@zhuzhu-vbUbuntu14:~/.ssh$
```

```
zhuzhu@zhuzhu-vbUbuntu14:~$ ssh git.scilab.org
Enter passphrase for key '/home/zhuzhu/.ssh/id_rsa':

**** Welcome to Gerrit Code Review ****

Hi Chenfeng Zhu, you have successfully connected over SSH.

Unfortunately, interactive shells are disabled.
To clone a hosted Git repository, use:

git clone ssh://zhuchenf@git.scilab.org:29418/REPOSITORY_NAME.git

Connection to git.scilab.org closed.
zhuzhu@zhuzhu-vbUbuntu14:~$
```

## 1.2 Getting the repository

Use git to get the repository:

```
git clone ssh://zhuchenf@git.scilab.org:29418/Scilab.git  
<name-of-directory>
```

## 2 Personal Repository

Link: [https://github.com/sampig/Scilab\\_zhu](https://github.com/sampig/Scilab_zhu).