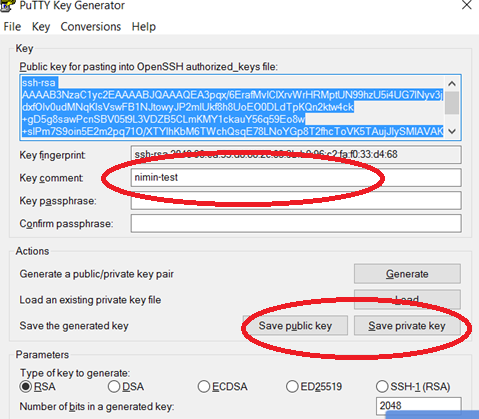
1. Get your username and password from admin which is for loging the gerrit.
2. Install git and tortoisegit
   1. Copy git for window and tortoisegit from [\\192.168.100.20\share\software\git](file:///\\192.168.100.20\share\software\git)
   2. Install git firstly, don't change the option, just next and next;
   3. Install tortoisegit, next and next, don't need change anything.
3. Create ssh key
   1. Run the putty key generator, click Generate button
   2. Move the mouse over the black area

PuTTY Key Generator 
File Key Conversions Help 
Key 
Please generate some randomness by moving the mouse over the blank area 
x 

1. The result as below



(please input your name into key comments, replace the username to the name which admin provide to you.)

1. Save the public key and save the private key into local. Please use your username as the file name. (suggest copy to c:\user\you name\.ssh folder)
2. Login into gerrrit
   1. <http://192.168.100.51:9092/>
   2. p ： ／ ／ 1g2 口 6 & 1 閬 .51 〕 92 止在适求您耷〕用户名和@码。 该 站 说 ： “ G Code Review" 
      用 户 名 ： 
   3. Type the username and password.
   4. If it is ok, you will see before window
   5. Welcome to Gerrit Code Rev 
      192.168.100.51 
      8082 /#/register 
      All My 
      Changes 
      Projects People Documentation 
      Drafts Dran Comments Edits Watched Changes 
      Starred Changes 
      Search term 
      Groups 
      Welcome to Gerrit Code Review 
      Please review your contact information: 
      The following contact information was automatically obtained when signed-in to the site. This 
      information is used to display who are to others, and to send updates to code reviews you have 
      either started or subscribed to. 
      Username n imin—te s t 
      Full Name 
      Preferred Email 
      Save Changes 
      Register New Email 
      Register an SSH public key: 
      Gerrit Code Review uses public-key cryptography and SSH to authenticate during gifs push and 
      pull commands to hosted projects. Registering '.ßur public key allows Gerrit to identify you whenever 
      you connect through SSH 
      This step can also be completed at a later time. 
      Add SSH Public Key 
      How to Generate an SSH Key 
   6. Please full the full name, it could be same as the username.
   7. Register new email, input your iotelic email address.

Register Email Address 
A confirmation link Will be sent by email to this address. 
You must click on the link to complete the registration and make the address available for selection. 
ni.min@iotelic.com 

1. Add ssh public key
   1. Find the username.pub file, if you use windows, you should find it at below path.

Home 
Share 
View 
Copy path 
-0 Easy access 
Pin to Quick 
access 
Copy Paste 
Paste shortcut 
Clipboard 
Move 
to 
Rename 
open • 
Properties 
History 
Open 
Size 
Select 
a Select 
Invert 
Copy 
Delete 
Organize 
Users 
mnmn 
New 
folder 
Cl ThisPC 800TCAMP(C.•) 
* Quick access 
Desktop 
Downloads 
Documents 
Pictures 
Debug 
keys 
Name 
config 
known hosts 
mnmn 
nimin.pub 
nimin-test 
nimin-test.pub 
Date modified 
4/26/2017 5:18 PM 
4/26/2017 5:19 PM 
4/21/2017 11• 
.44 AM 
4/21/2017 11• 
.44 AM 
4/27/2017 11:11 AM 
4/27/2017 11:11 AM 
Type 
File 
File 
File 
Microsoft Publish... 
File 
Microsoft Publish... 

1. Open the username.pub file, open the content into webstie, example as below

ssh—rsa 
/XLc/g1zELA21T+BVn23CVEqüA9RTcdWeK97 
/ e +1 fZICx 
9z41KTOSU6UhTSW1pVpABD5 
Clear 

1. Click add button
2. If gerrit don’t report a error, then please click the continue button,

Server Host Key 
Fingerprint: 
Entry for - /. ssh/kruzwnÄsts: 
[192.168.100.511 :29419 ssh-rsa 
Server Host Key 
Fingerprint: 
Entry for -1. 
ssh/kruzwn Iwsts: 
[192.168.100.511 :29419 ssh-dss 
Continue 

1. You should received a email from gerrit.
2. Gerrit Code Review < root@pier-serverl > 
   [Gerrit Code Review] Email Verification 
   ni.min@iotelic.com 
   Welcome to Gerrit Code Review at 192.168.100.51. 
   To add a verified email address to pur user account, please click on the following link while signed in as nimin-test: 
   http://192.168.100.51:8082/#/VE/L113Mz6UZFmkGNEibQEE8uFlMW9Glm9CM/RqWA==SOTpuaS5taW5AaW90ZWxpW5ib20 
   If you have received this mail in error, you do not need to take any action to cancel the account. The address will not be activated, and 
   pu will not receive any further emails. 
   If c icking the link above does not work, copy and paste the URL in a new browser window instead. 
   This is a send-only email address. Replies to this message will not be read or answered. 
3. Open the link.
4. Congratulation, it is done.
5. After that, please send the username.pub file or copy the key’s content to admin([ni.min@iotelic.com](mailto:ni.min@iotelic.com)), Admin will add your account into profile. And then you can download the code.

(the key content look like as below

ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAi39aPAhWsZkr0zw72M3W+e4n9tEI6nelGdYpKgHGYHIf/f0tziY12GkM5en68IAui0xkiD73YE4lAMTR8IDLJizboKdz+VRRy7LR2Z2KJOnUFoip2lS+lGbw+64G37TifjkmHf5YO6N1offZI9j0AcG0CAXcEOXdIdWgmdmGMhpCXOoa3fPKD05wGgFZ/YM1gZ8k8d9HRfg/J6LZxDeCPolkPG4quCFW4ACyNklJxfh4Td1AKFy7FehCW2hH9qQfyx2Do00iXdn3ibEBeZNH7RR0WVqyScy83ABTWAHPjm/EWrtOBKk59CC2ielxbqq8xp3Bw9ocCS2FYQ0DXCH1+Q== nimin-test)

The email must be registered, otherwise you cannot submit the code at all, if you meet the error, please inform the admin (ni.min@iotelic.com) who can add your address manually.

1. Download code
   1. Open one folder which you want to download.
   2. Click the right button of mouse, click git clone

Git 
Git rea e 

1. The config as below.
   1. Git clone TortoiseGit 
      Clone Existing Repository 
      x 
      Directory: 
      Depth 
      Branch 
      D : \ mycode\git\TestGit 
      Recursive 
      Clone into Bare Repo 
      Ori in Name 
      Z] Load Putt,' Key 
      From 
      From SVN Repository 
      C:\users\mni-dell\.ssh\nimin-test 
      Trunk: 
      From: 
      trunk 
      Tags : 
      tags 
      la Branch: 
      username: 
      Cancel 
      Browse... 
      Browse... 
      Checkout 
      branches 
      Help 
   2. Please input your user name in the URL
   3. Load putty key: it is your private key which your saved at step 3.c
2. If everything is ok, you can see below success message.
3. D:\mycode\git 
   Receiving objects 
   Git Command Progress 
   TortoiseGit 
   x 
   git. exe clone --progress -v 
   Cloning into 'D: . 
   remote: Counting objects: 8, done 
   remote: Finding sources: IØØ% (8/8) 
   remote: Total 8 (delta 0), reused 6 (delta 0) 
   Receiving objects: IØØ% (8/8), done. 
   Success (781 ms @ 4/27/2e17 PM) 
   Show log 
   Close 
   Abort 
4. Submit code.

Before your submit the code, there is very important thing need your attention. That is please copy the file (\\192.168.100.20\share\software\git\commit-msg) into the folder TestGit\.git\hooks

1. Click the commit button, it inform you to set the username and email, please input the same info as you inputted in gerrit web.
2. Add some comments

Recycle Bin 
VLC media 
player 
> mm 
Kei' uVision4 
mycode - 
Shortcut 
sscom.lnl 
Acrobat 
Task Manager 
File Options View 
Processes Performance 
Name 
Apps (10) 
Microsoft Edge 
gcc-arm-no.. 
App history 
STM32Cu . 
SecureCRT(. 
test2.vpn.vpn IHTSA.pca. 
SimulatorS... 
CCSA X64E„ 
Startup 
Users Details Services 
Home 
.ssh 
Share 
3% 
CPU 
View 
Memo 
1% 
Disk 
ssh 
Search .ssh 
O 
p 
MINGW64:/d/mycode/git/TestGit 
Inni-de11@DESKTOP-A855KJD MINGW64 1'd, 
S scp 
-P 29419 nimin-test@192.16E 
The aut enticity of host ' [192.168.1 
D:\mycode\git\TestGit 
This PC > Local Disk (C:) > Users 
Git Command Progress TortoiseGit 
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> 
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be established. 
Microsoft Management Co 
OneNote 
Paint 
Task Manager 
Terminal 
Terminal 
TortoiseGit client (2) 
TortoiseGit client 
Windows Explorer (3) 
RSA key fingerpri 
D:\mycode\git\Te 
Are you sure you 
please type 'yes' 
Warning: Permanent 
Commit to: master 
dell 
Close 
Type 
x 
File 
File 
Microsoft Publishe... 
Size 
1 KB 
2 KB 
1 KB 
osts . 
permission denied 
Inni -del I@DESKTOP-: 
Inni -del I@DESKTOP-: 
Inni -del I@DESKTOP-: 
Background processes (77) 
Adobe Acrobat Update Service 
> 
A lication Frame Host 
Fewer details 
PLC 
WpfAppIicam 
test commit 
Amend Last Commit 
Set author date 
Set author 
Changes made (doub 
Check: All None 
Path 
nimin.bd .bt 
[master 5c5722a] test commit 
1 file changed, 1 insertion (+) , 1 deletion(-) 
Success ms @ 4/27/&17 pm) 
Push... 
Modified 
Abort 
2017-02-m 
Or- 
Vi 
Nodes2011„ 
Search Windows 
Z] Show Unversioned Files 
Do not autoselect submodules 
la Show Whole Project 
Message only 
1 files selected, 1 files total 
View Patch>> 
Commit 
Cancel 
Ail 
Help 
4:09 PM 
ENG 
4/27/2017 

1. If it is ok, that means your code has been submitted into local branch.
2. Push local code to gerrit.
   1. click git sync

Home 
Home 
Share 
View 
This PC 
Local 
Disk 
Pr 
mycode 
ram 
Files 
TestGit 
Share 
Paste 
Paste shortcut 
Undo Delete 
Git GUI Here 
Git Bash Here 
Share with 
Git Syncm 
TortoiseGit 
SVN Checkoutm 
TortoiseSVN 
New 
Properties 
Ctrl+Z 
View 
Search TestGit 
o 
x 
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p 
V > ThisPC > DATA 
Name 
.git 
nimin.txt 
git 
TestG 
* Quick access 
Desktop 
Downloads 
Documents 
Size 
1 KB 
Pictures 
ssh 
Debug 
O PLC Manager2 

1. Modify the remote branch to "refs/for/master",

D:\mycode\git\TestGit 
Git Synchronization TortoiseGit 
Remote Branch: 
Local Branch: 
Remote URL: 
master 
origin 
refs/for/master 
AUt010ad Putty Key 
D Force 
Graph 
Actions 
Message 
Author Date 
Don't know what will push because unknown branch "origin/refs/for/master" 
Show log 
Out Commits 
Push 
Commit 
Submodule Update 
Stash Save 
Apply Patch 
Close 
x 
Email Patch 
Help 
1 commits ahead "origin/master" 

1. If it is ok, you will see below info.

D:\mycode\git\TestGit 
Local Branch: master 
origin 
Remote URL: 
Git Synchronization TortoiseGit 
x 
Remote Branch: 
D Force 
refs/for/master 
Manage 
AUt010ad Putty Key 
git.exe push -v - -progress "origin" master: refs/for/master 
Pushing to 
Counting objects: 3, done. 
Writing objects: IØØ% (3/3), 283 bytes | bytes/s, done. 
Total 3 (delta 0), reused (delta 0) 
remote: Processing changes: new: 1, refs: 1, done 
remote : 
remote: New Changes: 
http://192.168.100.51:8082/3 test commit 
remote : 
remote : 
To ssh: //192.168.100.51: 29419/TestGit.git 
[new branch] 
master refs/for/master 
Success (844 ms @ 4/27/2e17 PM) 

1. That mean your code has been pushed to gerrit successfully.
2. Review
   1. Login into gerrit,

My Reviews | 192.168 C X + 
C) 
:8082/#/dashboard/self 
192.168.100.51 
All My 
Changes 
Projects People 
Drafts Draft Comments 
Documentation 
Search term 
Edits 
Watched Changes 
Status 
Starred Changes 
Groups 
Owner 
Branch 
master 
Changes v 
Updated 
4:05 PM 
Size 
x 
CR 
My Reviews 
Subject 
Outgoing reviews 
test commit 
Incoming reviews 
(None) 
Recently closed 
(None) 
Search Windows 
Project 
TestGit 
Powered by Gerrit Code Review (2.13.7) | Press '?' to view keyboard shortcuts 
4:19 PM 
ENG 
4/27/2017 

1. Click the test commit item, you can go to review window

Change lb8388cfc: test X + 
x 
All My 
Changes 
C) 
Projects People 
Drafts Draft Comments 
Documentation 
Edits Watched Changes 
Search term 
Starred Changes 
Groups 
Owner 
Reviewers 
Project 
Branch 
Topic 
Strategy 
Changes v 
Patch Sets (1/1) V Download 
Change 3 - Needs Code-Review Label 
test commit 
Change-Id: 1b8388cfc2d613bac97eS3S8bf3acc7f741da090S 
Code-Review+2 
TestGit 
master 
Merge if Necessary 
FOIIOW-UP 
Author 
Committer 
Commit 
Parent(s) 
Change-Id 
Files 
nimin-test <cqnimin@163_com> 
nimin-test <cqnimin@163.com> 
5c5722a9ab1 dd88d23c41 
588ea2d4e1f75418e20de76ddb95df41045c68fa 
lb8388cfc2d613bac97e5358bf3acc7f741da0905 
Open All 
Uploaded 15 minutes ago 
Cherry Pick 
Rebase 
Code-Review 
Comments Size 
Abandon 
Apr 27, 2017 4:09 PM 
Apr 27, 2017 4:09 PM 
Diff against: Base 
Edit 
File Path 
Commit Message 
nimin_txt 
History 
Search Windows 
Uploaded patch set 1 _ 
4:05 PM 
Powered by Gerrit Code Review (2.13.7) | Press '?' to view keyboard shortcuts 
4:20 PM 
ENG 
4/27/2017 

1. Click the nimin.file

nimin.txtl 192.168 Codf X + 
x 
:8082/#/c/3/1/nimin.txt 
Back 
My 
Changes 
C) 
192.168.100.51 
Projects People 
Drafts Draft Comments 
Documentation 
Edits Watched Changes 
Patch Set Base 1 
Starred Changes 
Groups 
Search term 
Patch Set 1 
1131212312323423423423 
2 
Changes v 
a File 2 of2•. 
Z] TestGit / nimin.txt 
1>12123123 
2 
Search Windows 
Powered bv Gerrit Code Review (213.7) I Press '?' to view kevboard shortcuts 
4:21 PM 
(x ENG 
4/27/2017 

1. You can see the difference of this file. You can add your comments.
2. If you finish your review, click reply

Change lb8388cfc: test X + 
x 
All My 
Changes 
C) 
Projects People 
Drafts Draft Comments 
Documentation 
Edits Watched Changes 
Search term 
Starred Changes 
Groups 
Changes v 
Patch Sets (1/1) V Download 
Change 3 - Needs Code-Review Label 
test commit 
Change-Id: 1b8388cfc2d613bac97eS3S8bf3acc7f741da090S 
Code-Review+2 
-2 
O 
Code-Review 
post 
Code-Review 
o@oo 
No score 
Author 
Committer 
Commit 
Parent(s) 
Change-Id 
Files 
nimin-test <cqnimin@163_com> 
nimin-test <cqnimin@163.com> 
5c5722a9ab1 dd88d23c41 
588ea2d4e1f75418e20de76ddb95df41045c68fa 
lb8388cfc2d613bac97e5358bf3acc7f741da0905 
Open All 
Apr 27, 2017 4:09 PM 
Apr 27, 2017 4:09 PM 
Diff against: Base 
Edit 
File Path 
Commit Message 
> Z] nimin_txt 
History 
Search Windows 
Comments Size 
Uploaded patch set 1 _ 
4:05 PM 
Powered by Gerrit Code Review (2.13.7) | Press '?' to view keyboard shortcuts 
4:23 PM 
ENG 
4/27/2017 

The range of values is:

* -2 This shall not be merged  
  The code is so horribly incorrect/buggy/broken that it must not be submitted to this project, or to this branch. This value is valid across all patch sets in the same change, i.e. the reviewer must actively change his/her review to something else before the change is submittable.  
  Any -2 blocks submit.
* -1 I would prefer this is not merged as is  
  The code doesn’t look right, or could be done differently, but the reviewer is willing to live with it as-is if another reviewer accepts it, perhaps because it is better than what is currently in the project. Often this is also used by contributors who don’t like the change, but also aren’t responsible for the project long-term and thus don’t have final say on change submission.  
  Does not block submit.
* 0 No score  
  Didn’t try to perform the code review task, or glanced over it but don’t have an informed opinion yet.
* +1 Looks good to me, but someone else must approve  
  The code looks right to this reviewer, but the reviewer doesn’t have access to the +2 value for this category. Often this is used by contributors to a project who were able to review the change and like what it is doing, but don’t have final approval over what gets submitted.
* +2 Looks good to me, approved  
  Basically the same as +1, but for those who have final say over how the project will develop.  
  Any +2 enables submit.

1. Click submit button, the code will be merged from temp to master..
2. Update code
   1. Click git sync -> pull.