GitLab 与 Gerrit 使用说明

一、GitLab 部分

git clone ssh://git@git.wanxinai.com:22002/op/doc.git // 拉mater 主分支代码，上传自己账户的公钥通过ssh获取代码，进行无密码下拉代码

git add filename //添加需要提交的文件

git commit -m "label_name"//添加标签说明，这里不能使用-a参数。

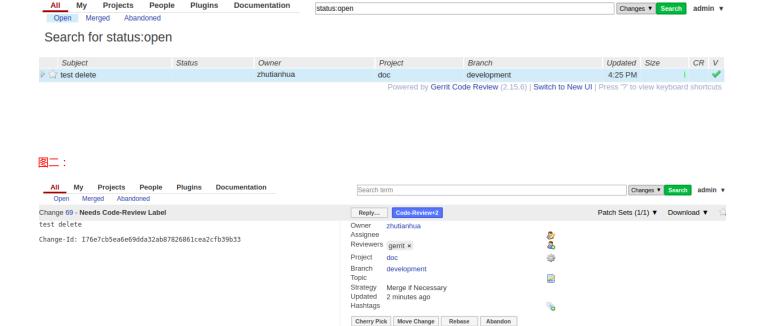git review //代码审查，这步将会把代码提交到gerrit中，并且jenkins会自动检测是否有冲突

举例如下：

```
zhutianhua@jeti-wanxinai:~/doc$ rm -rf test
zhutianhua@jeti-wanxinai:~/doc$ git add test
zhutianhua@jeti-wanxinai:~/doc$ git commit -m 'test delete'
[development bfec93e] test delete
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 test
zhutianhua@jeti-wanxinai:~/doc$ git review -R development
You are about to submit multiple commits. This is expected if you are
submitting a commit that is dependent on one or more in-review
commits. Otherwise you should consider squashing your changes into one
commit before submitting.

The outstanding commits are:

bfec93e (HEAD -> development) test delete
6a35049 test branch

Do you really want to submit the above commits?
Type 'yes' to confirm, other to cancel: yes
remote: Processing changes: new: 1, done
remote:
remote: New Changes:
remote:    http://gerrit.wanxinai.com/#/c/doc/+/69 test delete
remote:
remote: Pushing to refs/publish/* is deprecated, use refs/for/* instead.
To ssh://zhutianhua@172.26.38.168:29418/doc.git
 * [new branch]      HEAD -> refs/publish/development
```

注意：新的代码审核流程，用户不能将代码直接提交到gitlab中，必须通过gerrit审核才能提交代码到gitlab仓库

二、Gerrit 部分（审查代码）

管理员（admin）登录http://gerrit.wanxinai.com，jenkins已经通过了Verified。然后进入subject，先查看代码/文件变更，然后点击Reply,写一点review后的意见之类的，然后评分（+2通过，-2拒绝，+1投赞成票，-1投反对票），然后点击post。

图一：

Open Merged Abandoned

status:open | Changes ▼ | Search | admin ▼

Search for status:open

	Subject	Status	Owner	Project	Branch	Updated	Size	CR	V
▷ ☆	test delete		zhutianhua	doc	development	4:25 PM		ǀ	✔

图二：

All My Projects People Plugins Documentation
Open Merged Abandoned

Search term | Changes ▼ | Search | admin ▼

Change 69 - **Needs Code-Review Label**   Reply... Code-Review+2   Patch Sets (1/1) ▼   Download ▼ ☆

test delete

Change-Id: I76e7cb5ea6e69dda32ab87826861cea2cfb39b33

Owner	zhutianhua
Assignee	
Reviewers	gerrit ✕
Project	doc
Branch	development
Topic	
Strategy	Merge if Necessary
Updated	2 minutes ago
Hashtags	

Cherry Pick   Move Change   Rebase   Abandon
Delete Change   Follow-Up   Mark Private   Ignore
Mark Reviewed   WIP

Code-Review

Verified   +1 gerrit ✕

Author	zhutianhua <zhutianhua@wanxinai.com>	Nov 6, 2018 4:24 PM	
Committer	zhutianhua <zhutianhua@wanxinai.com>	Nov 6, 2018 4:24 PM	
Commit	bfec93e3d346ac3c71ffce8ec7160da1f3d9f830		
Parent(s)	6a3504989678168d7149e9a7ae6f577ee6fab471		
Change-Id	I76e7cb5ea6e69dda32ab87826861cea2cfb39b33		

Files
Open All   Diff against: Base ▼   Edit

	File Path	Comments	Size
▷ ☐	Commit Message		
☐ D	test		0
			+0, -0

History
Expand All   Hide tagged comments

zhutianhua	Uploaded patch set 1.	4:24 PM
gerrit	Patch Set 1: Build Started http://jenkins.wanxinai.com/jenkins/job/gerrit-doc.git/8/	4:25 PM
gerrit	Patch Set 1: Verified+1 Build Successful http://jenkins.wanxinai.com/jenkins/job/gerrit-doc.git/8/ : SUCCESS admin	4:25 PM

图三：

Search term | Changes ▼ | Search | admin ▼

Change 69 - **Ready to Submit** | Reply... | Patch Sets (1/1) ▼ Download ▼

test delete

Change-Id: I76e7cb5ea6e69dda32ab87826861cea2cfb39b33

Owner	zhutianhua
Assignee	
Reviewers	admin × gerrit ×
Project	doc
Branch	development
Topic	
Strategy	Merge if Necessary
Updated	1 second ago
Hashtags	

Cherry Pick | Move Change | Rebase | Abandon
Delete Change | Follow-Up | Mark Private | Submit
Ignore | Mark Unreviewed | WIP

Author	zhutianhua <zhutianhua@wanxinai.com>	Nov 6, 2018 4:24 PM
Committer	zhutianhua <zhutianhua@wanxinai.com>	Nov 6, 2018 4:24 PM
Commit	bfec93e3d346ac3c71ffce8ec7160da1f3d9f830	
Parent(s)	6a3504989678168d7149e9a7ae6f577ee6fab471	
Change-Id	I76e7cb5ea6e69dda32ab87826861cea2cfb39b33	

Code-Review +2 admin ×
Verified +1 gerrit ×

Files | Open All | Diff against: Base ▼ | Edit

File Path	Comments Size
▷ ☐ Commit Message	
☐ D test	0
	+0, -0

History | Expand All | Hide tagged comments

zhutianhua	Uploaded patch set 1.	4:24 PM
gerrit	Patch Set 1: Build Started http://jenkins.wanxinai.com/jenkins/job/gerrit-doc.git/8/	4:25 PM
gerrit	Patch Set 1: Verified+1 Build Successful http://jenkins.wanxinai.com/jenkins/job/gerrit-doc.git/8/ : SUCCESS admin	4:25 PM
admin	Patch Set 1: Code-Review+2	4:27 PM

图四：

Search term | Changes ▼ | Search | admin ▼

Change 69 - **Merged** | Reply... | Included in ▼ Patch Sets (1/1) ▼ Download ▼

test delete

Change-Id: I76e7cb5ea6e69dda32ab87826861cea2cfb39b33

Owner	zhutianhua
Assignee	
Reviewers	admin gerrit
Project	doc
Branch	development
Topic	
Updated	1 second ago
Hashtags	

Cherry Pick | Revert | Follow-Up | Mark Private | Ignore
Mark Unreviewed

Code-Review +2 admin
Verified +1 gerrit

Author	zhutianhua <zhutianhua@wanxinai.com>	Nov 6, 2018 4:24 PM
Committer	zhutianhua <zhutianhua@wanxinai.com>	Nov 6, 2018 4:24 PM
Commit	bfec93e3d346ac3c71ffce8ec7160da1f3d9f830	
Parent(s)	6a3504989678168d7149e9a7ae6f577ee6fab471	
Change-Id	I76e7cb5ea6e69dda32ab87826861cea2cfb39b33	

Files | Open All | Diff against: Base ▼

File Path	Comments Size
▷ ☐ Commit Message	
☐ D test	0
	+0, -0

History | Expand All | Hide tagged comments

zhutianhua	Uploaded patch set 1.	4:24 PM
gerrit	Patch Set 1: Build Started http://jenkins.wanxinai.com/jenkins/job/gerrit-doc.git/8/	4:25 PM
gerrit	Patch Set 1: Verified+1 Build Successful http://jenkins.wanxinai.com/jenkins/job/gerrit-doc.git/8/ : SUCCESS admin	4:25 PM
admin	Patch Set 1: Code-Review+2	4:27 PM
admin	Change has been successfully merged	4:28 PM

图五：

development ▾   doc

06 Nov, 2018 3 commits

test delete ⋯
zhutianhua authored 4 minutes ago

test branch ⋯
zhutianhua authored 1 hour ago

review
JetiZhu authored 5 hours ago

26 Oct, 2018 1 commit

new
JetiZhu authored 1 week ago