

一. Repo 工具下载

```
$ mkdir project_workspace
$ cd project_workspace
$ wget http://git.ingenic.com.cn:8082/bj/repo
$ chmod +x repo
```

二. 源码地址

```
./repo init -u ssh://sz_halley2@119.136.25.25:29418/mirror/freertos/manifest.git
./repo sync
```

其中 sz_halley2 是管理员开通的帐号名称

三. 提供 public key

ssh public key 生成方法

注: 关于 ssh public key 的操作全部在 ubuntu 下进行

如果本机还没有 ssh public key, 可以通过以下方法生成, 打开一个终端输入下列命令:

```
jiangwen@uws:~/work/x1000/zk_external_git_test$ ssh-keygen //输入 ssh-keygen 后, 使用默认配置, 一路回车直到完成即可
```

```
Generating public/private rsa key pair.
```

```
Enter file in which to save the key (/home/jiangwen/.ssh/id_rsa):
```

```
Enter passphrase (empty for no passphrase):
```

```
Enter same passphrase again:
```

```
Your identification has been saved in /home/jiangwen/.ssh/id_rsa.
```

```
Your public key has been saved in /home/jiangwen/.ssh/id_rsa.pub.
```

```
The key fingerprint is:
```

```
e7:69:84:11:94:08:50:67:49:93:61:c9:d4:de:7a:49 jiangwen@uws
```

```
The key's randomart image is:
```

```
+--[ RSA 2048 ]-----+
```

```
| .oo=OOo.          |
|   +*.o.           |
|     ...           |
|       .oE         |
|      Soo.         |
|     .+o.          |
|      .+           |
|      .            |
|                   |
+-----+
```

```
+-----+
```

```
jiangwen@uws:~/work/x1000/zk_external_git_test$ cat ~/.ssh/id_rsa.pub
```

```
ssh-rsa
```

```
AAAAB3NzaC1yc2EAAAADAQABAAQ=Cpl0B4jXob25BV9IK+/DdSz8Grxb4OUvbflo2c/POp5/ZZd
blvnyebS8Dy2nA8KcpRMBP5rx7KcGJ1We/Khv6xvdSypYDdymZgfMAjoSqTQOtGrpkYAWNmkB4qh
cfKUeVTRh0Y9qfxbdO6iAZ7yOeuwr4D5oK71ZJ2FlmVy/X35ENQL4ct2bABBSKC8NR0nRbuD6m37f
Ns2jFXkSWHI+jJcr3pRvhdSpFLWQqDmeVd9StfndnD2j42eM8bHdCJSqGNYEZLcEjSn0udS7H7mrAal
kqGUkoZKhdkv7Q19kJPJW+qGxt/cd9W2dZLoLtm/NmpDik4CZe54nD5mM/zKTdh jiangwen@uws
```

请把 id_rsa.pub 内容或文件给到我们。
同一份代码后期同步更新请直接使用 ./repo sync 命令

./repo.sync 如果遇到 key 问题，请尝试执行：
ssh-keygen -R [58.250.243.8]:29418
ssh ____@58.250.243.8 -p 29418

同步时若提示信息
git config --global user.name "yourname"
git config --global user.email your@email.com
请根据提示信息配置。

若提示：
Unable to negotiate with xxx.xxx.xxx.xxx port 29418: no matching key exchange method found.
Their offer: diffie-hellman-group1-sha1
请修改 ~/.ssh/config，加入
Host *
 KexAlgorithms +diffie-hellman-group1-sha1
若没有 config 文件请建立一个

系统环境：Ubuntu 14.04 64 位

编译所需依赖库（若编译报错需看具体报错信息）
sudo apt-get install autopoint
sudo apt-get install liblz2-dev
sudo apt-get install build-essential
sudo apt-get install automake autoconf m4 libtool gettext
sudo apt-get install zlib1g-dev
sudo apt-get install libncurses5-dev libslang2-dev libselinux1-dev debhelper lsb-release
pkg-config po-debconf