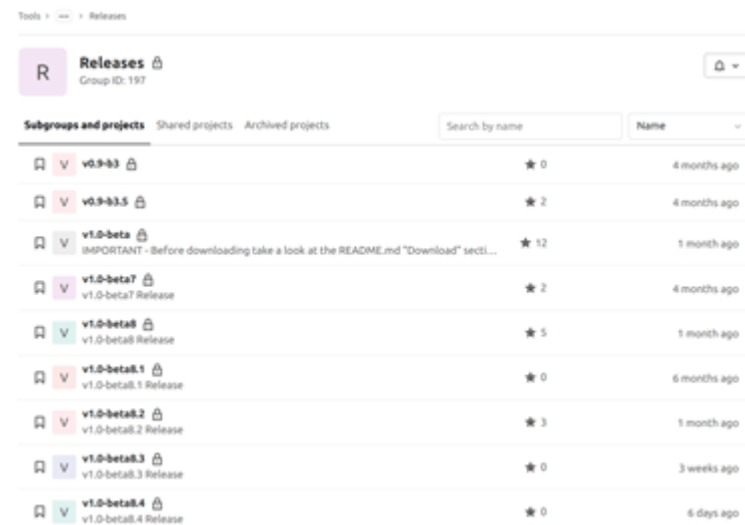


## git spx build BMC source

**\*\*第一 須先安裝git-spx-plugin \*\***

(<https://megaracgit.ami.com/tools/git-spx-plugin/releases> (<https://megaracgit.ami.com/tools/git-spx-plugin/releases>))

安裝說明中有docker安裝的連結與步驟



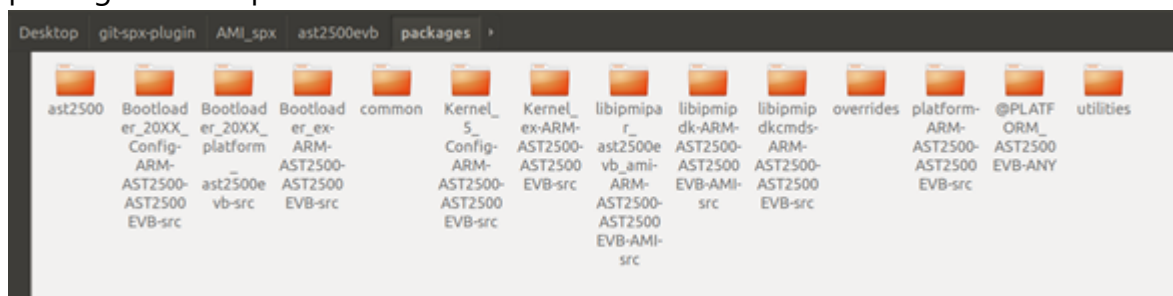
安裝好docker後並完成git-spx-plugin安裝步驟，可以在看到docker image 有  
git.ami.com:5005/tools/git-spx-plugin/releases/xxxxxxx/git-spx-plugin (<http://xn--git-5y9f.ami.com:5005/tools/git-spx-plugin/releases/xxxxxxx/git-spx-plugin>) 代表可以開始docker BMC第一步完成

```
woody@woody-desktop:~/Desktop$ sudo docker image ls
REPOSITORY                                TAG                IMAGE ID           CREATED            SIZE
git.ami.com:5005/tools/git-spx-plugin/releases/v1.0-beta8.2/git-spx-plugin  latest            a31f772027f8      4 months ago      4.58GB
hello-world                               latest             bf756fb1ae65      13 months ago     13.3kB
```

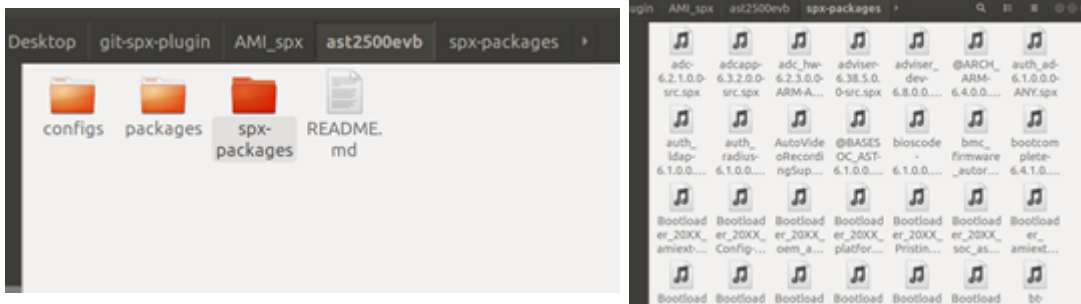
## 第二 git spx使用

從AMI Git 下載 Clear code後

package不會是.spx



會在spx-packages資料夾產生MDS IDE可用的.spx



## Build Clear Source Code

```
git config --global spx.pyversion 2 // To switch to python 2
```

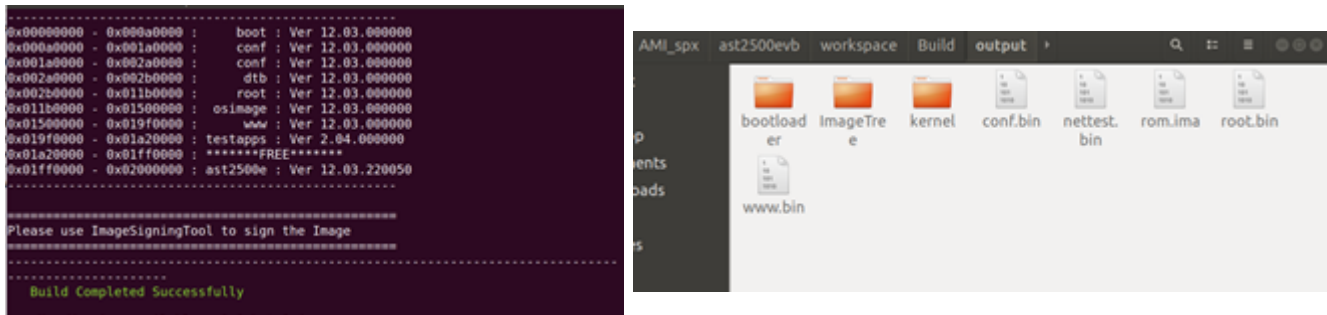
```
cd ast2500evb
```

第一次與更改過PRJ請用—updateprj

```
git spx buildsrc --updateprj ./configs/ast2500evb.PRJ ./packages ./workspace_buildsrc
```

之後未修改PRJ

```
git spx buildsrc ./configs/ast2500evb.PRJ ./packages ./workspace_buildsrc
```

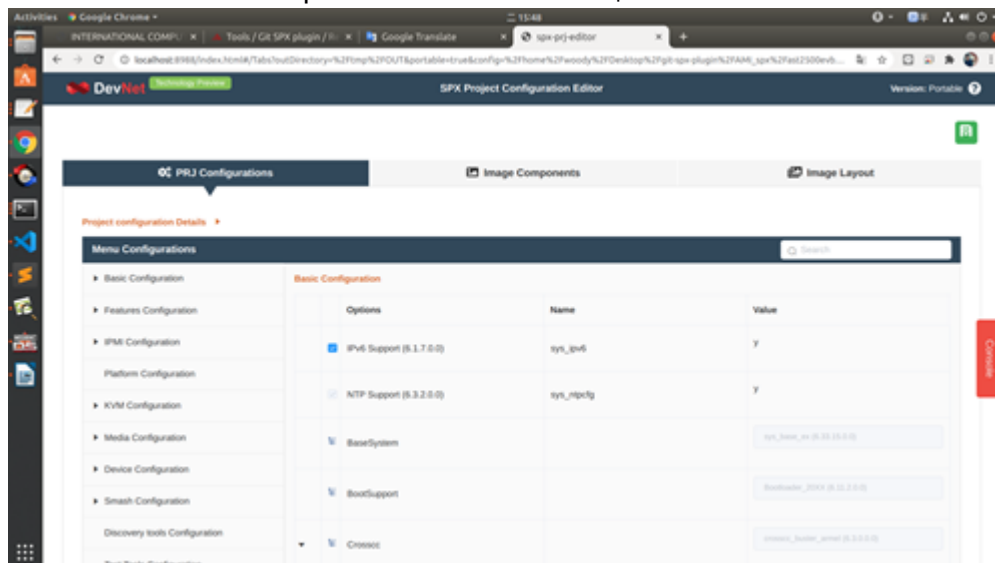


### 第三 修改PRJ

```
git spx configure ./configs/ast2500evb.PRJ ./packages
```

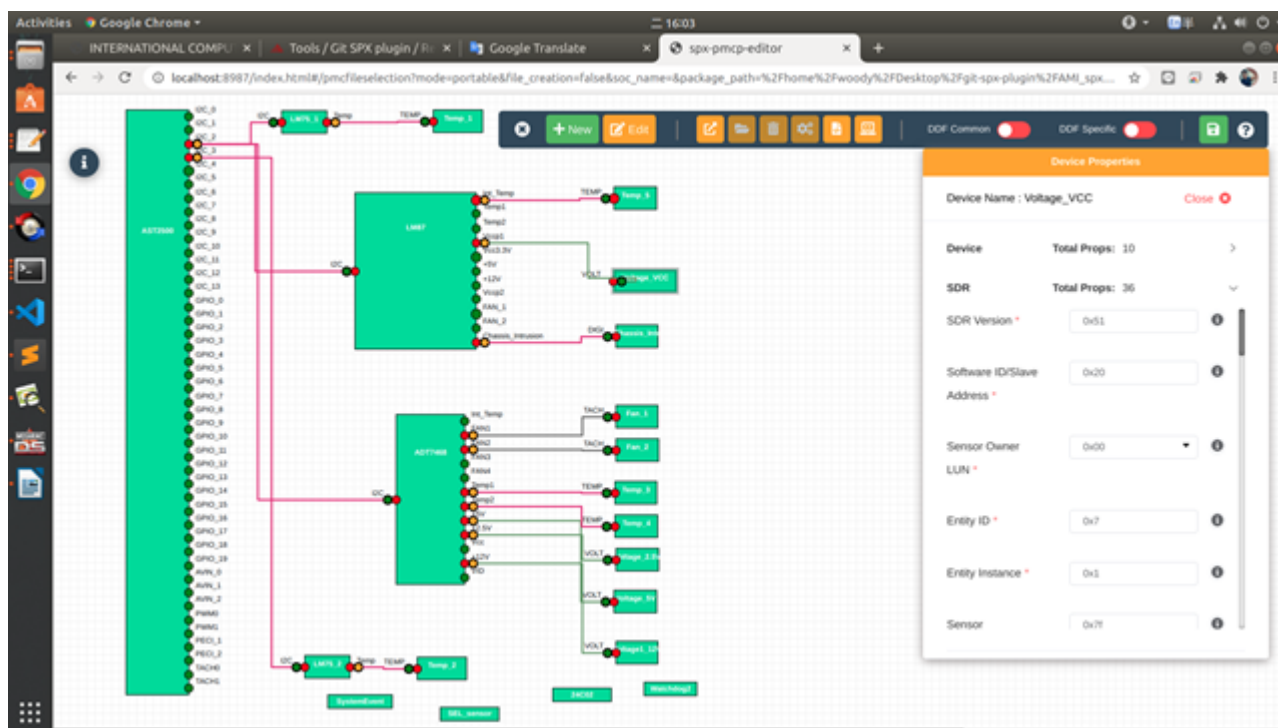
```
root@woody-desktop:~/home/woody/Desktop/git-spx-plugin/AMI_spx/ast2500evb# git sp
x configure ./configs/ast2500evb.PRJ ./packages
Converting: Busybox_oem_ex-src
Converting Links: [Done]
  Starting PRJ Editor in http://localhost:8988
  Process will exit automatically after closing all sessions of PRJ editor from
  browser window.
  Opening browser is not supported when running command with sudo. Kindly open
  browser manually
```

用瀏覽器登入 url:<http://localhost:8988> (<http://localhost:8988>) 開始修改PRJ



\*\*第四 pmc使用 \*\*

git spx **pmcpeditor** ./packages/libipmipar\_ast2500evb\_ami-ARM-AST2500-AST2500EVB-AMI-src



## Build my project

spx-packages是原本專案的packages裝.spx資料夾 改名為spx-packages

git spx **extract** ./spx-packages ./packages

遇到第一個問題需要.git

```
root@woody-desktop:/home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16# git spx extract ./spx-packages ./packages
Destination directory /home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16/packages doesn't exist, Creating..[DONE]
"/home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16/spx-packages" Not a Git Repo.
It is recommended to use GitSPX in the same directory as packages and config folder cloned from git.
```

git init  
git status  
git add -A

```
root@woody-desktop:/home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16# git init
Initialized empty Git repository in /home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16/.git/
root@woody-desktop:/home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16# git status
On branch master

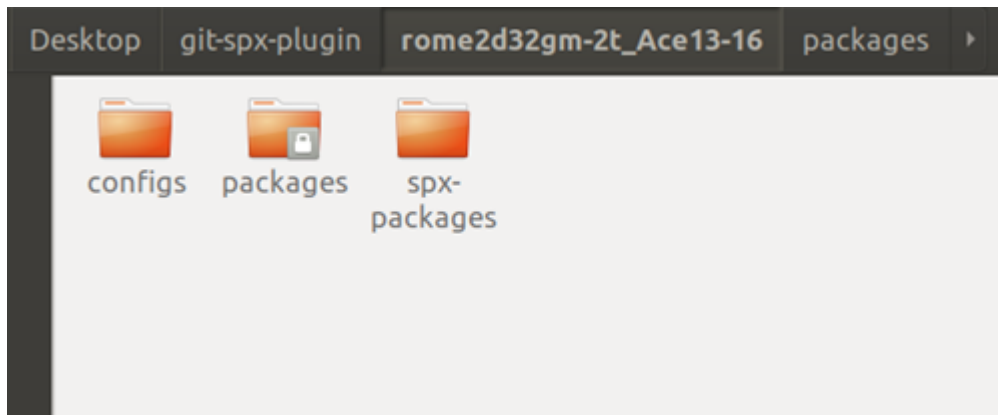
No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        configs/
        spx-packages/

nothing added to commit but untracked files present (use "git add" to track)
root@woody-desktop:/home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16# git add -A
root@woody-desktop:/home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16# git spx extract ./spx-packages ./packages
* Destination directory /home/woody/Desktop/git-spx-plugin/rome2d32gm-2t_Ace13-16/packages doesn't exist, Creating..[DONE]

✓ Packages Extracted Successfully.
```



有packages資料夾就可以參照clear code build source