

配置 BOSS 环境

1. 两个路径

//存放算法的目录

```
cd /workfs2/bes/szhou/
```

//BESIII 官方的路径:

```
/cvmfs/bes3.ihep.ac.cn/bes3sw/cmthome
```

(算法对应的软件环境)

```
/cvmfs/bes3.ihep.ac.cn/bes3sw/Boss
```

(算法路径)

配置环境概括为: 建立文件夹三处、拷贝两处、粘贴两处、编译两处.

1. 建立文件夹三处.

```
cd /workfs2/bes/szhou
```

```
mkdir workarea
```

```
mkdir cmthome
```

```
cd /workfs2/bes/szhou/workarea/
```

```
mkdir boss7.0.3
```

2. 拷贝两处

第一处拷贝:

//进入 cmthome 文件夹

```
cd /workfs2/bes/szhou/cmthome/
```

```
cp /cvmfs/bes3.ihep.ac.cn/bes3sw/cmthome/cmthome-7.0.3-Slc6Centos7Compat/ -r .
```

第二处拷贝:

//再进入 workarea/boss7.0.3

```
cd /workfs2/bes/szhou/workarea/boss.7.0.3
```

```
cp -r /cvmfs/bes3.ihep.ac.cn/bes3sw/Boss/7.0.3/TestRelease/ .
```

3. 粘贴两处:

第一处粘贴

```
cd /workfs2/bes/szhou/cmthome/cmthome-7.0.3/cmthome-7.0.3-Slc6Centos7Compat/
```

//打开 requirements 文件

```
vi requirements
```

//然后修改为以下的内容显示(把 szhou 替换为自己的账户)

```
43 #Add your worarea to CMTPATH
44 macro WorkArea "/workfs2/bes/szhou/workarea/boss.7.0.3"
45 # Add dev area to the front of your CMTPATH (but first remove
46 path_remove CMTPATH "${WorkArea}"
47 path_prepend CMTPATH "${WorkArea}"
48
```

第二处粘贴

// 进入根目录

```
cd ~
```

ls -a 查看自己是.bashrc(.sh) 或.tcshrc(csh)

```
vi 703
```

```
source /workfs2/bes/szhou/cmthome/cmthome-7.0.3-Slc6Centos7Compat/setupCVS.sh
```

```
source /workfs2/bes/szhou/cmthome/cmthome-7.0.3-Slc6Centos7Compat/setupCMT.sh
```

```
source /workfs2/bes/szhou/cmthome/cmthome-7.0.3-Slc6Centos7Compat/setup.sh
```

```
source
```

```
workfs2/bes/szhou/workarea/boss7.0.3/TestRelease/*/cmt/setup.sh
```

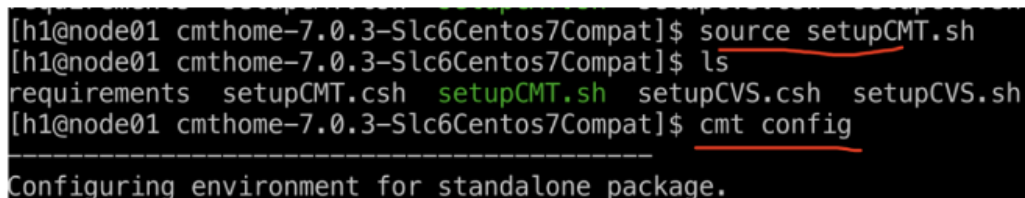
4. 编译两处:

```
cd /workfs2/bes/szhou/cmthome/cmthome-7.0.3-Slc6Centos7Compat
```

注意: 如果是.bashrc 就用相应的.sh 文件; 如果是.tcshrc 就用相应的.csh 文件.

```
source setupCMT.sh
```

```
cmt config
```



```
[h1@node01 cmthome-7.0.3-Slc6Centos7Compat]$ source setupCMT.sh
[h1@node01 cmthome-7.0.3-Slc6Centos7Compat]$ ls
requirements  setupCMT.csh  setupCMT.sh  setupCVS.csh  setupCVS.sh
[h1@node01 cmthome-7.0.3-Slc6Centos7Compat]$ cmt config
-----
Configuring environment for standalone package.
```

```
source setup.sh
```

//第二处编译

//进入 TestRelease 文件夹:

cd

/workfs2/bes/szhou/workarea/boss7.0.3/TestR

elease/TestRelease-00-00-86/cmt

cmt config

source setup.sh

环境配置成功标志

source ~/703

echo \$CMTPATH

```
/workfs2/bes/szhou/workarea/boss7.0.3:/cvmfs/bes3.ihep.ac.cn/bes3sw/Boss/7.0.3:/cvmfs/bes3.ihep.ac.cn/be  
s3sw/ExternalLib/SLC6/ExternalLib/gaudi/GAUDI_v23r9:/cvmfs/bes3.ihep.ac.cn/bes3sw/ExternalLib/SLC6/Exter  
nalLib/LCGCMT/LCGCMT_65a  
[szhou@lxslc704 ~]$
```