

Important steps when developing IOC applications:

1. move to an arbitrary <top> directory and create directories and startup files

```
makeBaseApp.pl -t ioc <name>  
makeBaseApp.pl -i -t ioc <name>
```

2. create databases and substitution files in the <name>App/Db directory

vdct or vi

- a. all newly created files that need to be installed have to be added to the Makefile in the <name>App/Db directory ( the “DB +=” lines)

3. run make in the <top> directory

4. adapt the st.cmd file in the iocBoot/ioc<name> folder

```
dbLoadDatabase    subfile.substitutions
```

5. run the EPICS IOC

```
cd iocBoot/ioc<name>  
../../bin/linux-x86/<name> st.cmd
```

When doing iterative procedure and update the database, the steps involved are:

2 (no need to add files to Makefile, if they are already there)

3 and

5 (you have to stop the previous running version of the IOC)