

Add new application code into naomi-0.2
X.Gao 23-11-2000

from an alba Xterm

```
alba > source /net/alba/sw4/atc_naomi/naomi-0.2/config/setup.csh
EPICS 3.12.2Gem5 available
```

```
alba > cd /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/dspsrc/timing
or
alba > cd /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/dspsrc/vme
```

make a new directory

for example

```
alba > cd /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/dspsrc/timing
alba> mkdir ap_9
alba > cd ap_9
```

copy existing application.asm and Makefile into the new directory . BE CAREFUL,
not copy .applTop !!!!

```
alba > cp /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/dspsrc/timing/ap_3/appl_code.asm .
alba > cp /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/dspsrc/timing/ap_3/Makefile
.
```

```
alba > cd /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam
alba > uaeSetup
```

there will be some message saying cannot create, permission denied, etc, ignore those.

```
alba > cd cd /net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/dspsrc/timing/ap_10
alba > ls
this time you will see
```

```
.applTop appl_code.asm makefile
```

Now, open the appl_code.asm using txet edit, make changes, save it.

```
alba > make
```

will recompile the new code, put the download files into
/net/alba/sw4/atc_naomi/naomi-0.2/naomiCam/bin/asm56000/timing/ap_10

that is it.

In case any difficulties in using the above, we can still use a straight way by

Add new application code into naomi-0.1
X.Gao 23-11-2000

from an alba Xterm

```
alba > source ~/.login_xg
```

go

```
cd /net/alba/sw4/atc_naomi/naomi -  
0.1/naomiCam/dspsrc/Timing_Board_software/Ver1.3
```

or

```
alba > cd /net/alba/sw4/atc_naomi/naomi-0.1/naomiCam/dspsrc/Vme_board_software
```

make a new directory

for example

```
alba > cd /net/alba/sw4/atc_naomi/naomi -  
0.1/naomiCam/dspsrc/Timing_Board_software/Ver1.3
```

```
alba> mkdir 9_APPLICATION
```

```
alba > cd 9_APPILICATION
```

copy an existing application content into the new directory

```
alba > cp /net/alba/sw4/atc_naomi/naomi -  
0.1/naomiCam/dspsrc/Timing_Board_software/Ver1.3/3_APPLICATION/* .
```

Now, open the appl3_code.asm using txet edit, make changes, save it.
make changes to all BUILD* according to the new code name

```
alba > BUILD_ALL
```

will put all download eep-code into the current directory