

EPICS Application Quick Start

From adios user home directory create a testApp

```
adios@LivEPICS>mkdir top
adios@LivEPICS>cd top
```

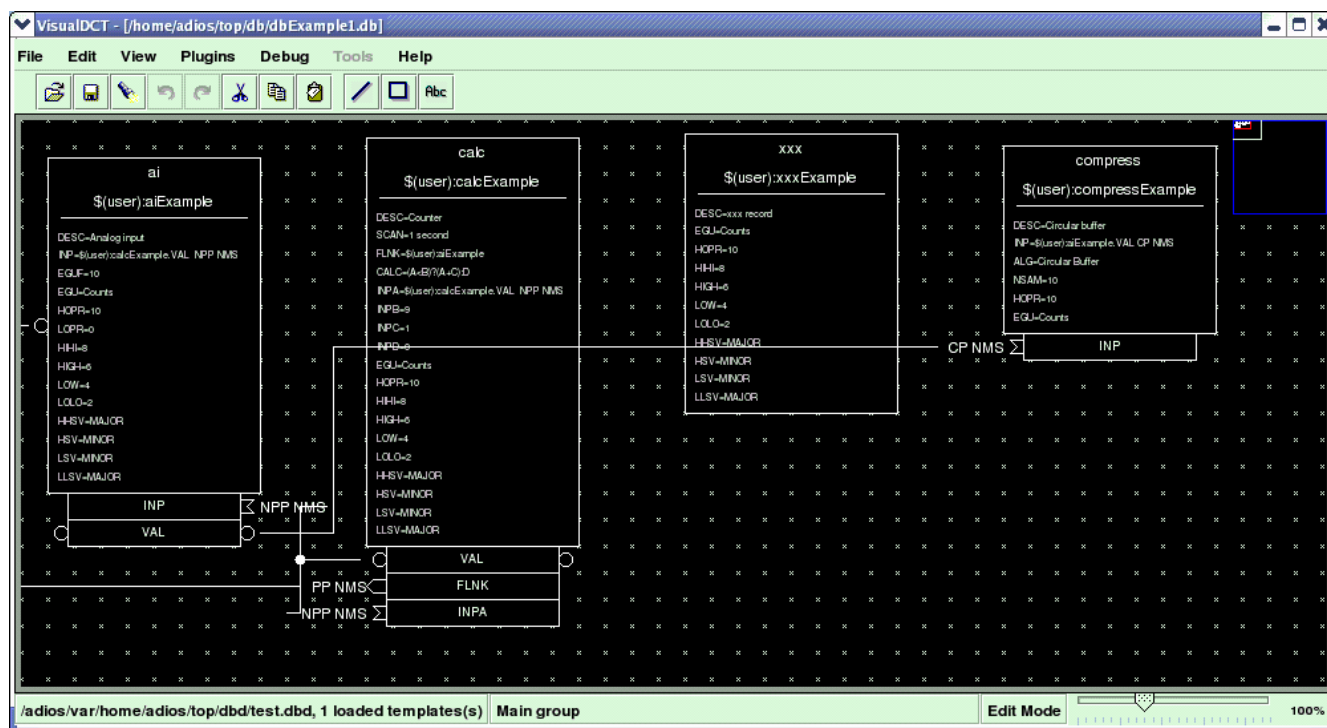
then create the test application

```
adios@LivEPICS>makeBaseApp.pl -t example test
adios@LivEPICS>makeBaseApp.pl -i -t example test
adios@LivEPICS>make
```

Your first Epics application is ready to use !!!

Please have a look to a db file using VDCT:

```
adios@LivEPICS>vdct /home/adios/top/dbd/test.dbd \
/home/adios/top/db/dbExample1.db
```



Now start the test application:

```
adios@LivEPICS>cd iocBoot/iocTest
adios@LivEPICS>../bin/linux-x86/test st.cmd
#!../bin/linux-x86/test
```

```

## You may have to change test to something else
## everywhere it appears in this file
< envPaths
epicsEnvSet(ARCH,"linux-x86")
epicsEnvSet(IOC,"ioctest")
epicsEnvSet(TOP,"/adios/var/home/adios/top")
epicsEnvSet(EPICS_BASE,"/usr/epics/base-3.14.8.2")
cd /adios/var/home/adios/top
## Register all support components
dbLoadDatabase("dbd/test.dbd")
test_registerRecordDeviceDriver(pdbbase)
## Load record instances
dbLoadRecords("db/dbExample1.db","user=adiosHost")
dbLoadRecords("db/dbExample2.db","user=adiosHost,no=1,scan=1 second")
dbLoadRecords("db/dbExample2.db","user=adiosHost,no=2,scan=2 second")
dbLoadRecords("db/dbExample2.db","user=adiosHost,no=3,scan=5 second")
dbLoadRecords("db/dbSubExample.db","user=adiosHost")
## Set this to see messages from mySub
#var mySubDebug 1
cd /adios/var/home/adios/top/iocBoot/ioctest
iocInit()
Starting iocInit
#####
#####
### EPICS IOC CORE built on Jan 11 2007
### EPICS R3.14.8.2 $R3-14-8-2$ $2006/01/06 15:55:13$
#####
#####
iocInit: All initialization complete
## Start any sequence programs
#seq sncExample,"user=adiosHost"

```

Now you are into the epics (have a look of a prompt “epics”),
from there, have a look of your records loaded, please type:

```

epics>dbl
adiosHost:aiExample
adiosHost:aiExample1
adiosHost:aiExample2
adiosHost:aiExample3
adiosHost:calcExample
adiosHost:calcExample1
adiosHost:calcExample2
adiosHost:calcExample3
adiosHost:compressExample
adiosHost:subExample
adiosHost:xxxExample

```

Now from another shell check someone of your records:

```
adios@LivEPICS>camonitor adiosHost:calcExample
adiosHost:calcExample      2007-01-16 10:20:40.537515 3 LOW MINOR
adiosHost:calcExample      2007-01-16 10:20:41.537574 4 LOW MINOR
adiosHost:calcExample      2007-01-16 10:20:42.537650 5
adiosHost:calcExample      2007-01-16 10:20:43.541693 6 HIGH MINOR
adiosHost:calcExample      2007-01-16 10:20:44.545765 7 HIGH MINOR
adiosHost:calcExample      2007-01-16 10:20:45.549825 8 HIHI MAJOR
adiosHost:calcExample      2007-01-16 10:20:46.553880 9 HIHI MAJOR
adiosHost:calcExample      2007-01-16 10:20:47.557937 0 LOLO MAJOR
```

or to do the same in graphical mode:

```
adios@LivEPICS>probe adiosHost:calcExample
```

...push the “**Start**” to look the counter changing

