



Bugs: Other Software Packages

The following is a list of known conflicts between CIAO and other software packages.

Bugs

1. *Parameter file conflicts with HEASoft*

Both CIAO and FTOOLS use parameter files to store parameter values for tools, and provide tools for manipulating these files (e.g. plist, pset, punlearn; they have the same name in both systems). The location of the parameter files is taken from the \$PFILES environment variables for CIAO and FTOOLS (or \$UPARM if \$PFILES does not exist).

Common errors are:

```

pget: could not get parameter "foo"

and

The following parameter:
  "foo,b,l,no,, "Keyword" "
has the following error(s):
  o Mode field "l" is invalid.

and

The following parameter:
"foo,i,h,INDEF,INDEF,INDEF,"description"
has the following error(s):
o Problem converting minimum field "INDEF" to parameter type "i".
o Problem converting maximum field "INDEF" to parameter type "i".

```

We recommend that you start FTOOLS *before* CIAO to minimize problems.

More information on this problem is available in the [CIAO and FTOOLS section](#) of the [Starting CIAO thread](#). Also refer to the related FAQ "[The tool is failing because "\)sval" has somehow shown up in the parameter value.](#)

2. *CIAO and IDL: DYLD_BIND_AT_LAUNCH environment variable (Mac OS X)*

If IDL is started in a window in which CIAO is already running, an error of the following format will occur:

```

unix% idl

dyld: Symbol not found: __XEditResPutWidgetInfo
  Referenced from: /Applications/rsi/idl_6.1/bin/bin.darwin.ppc/libXm.2.dylib
  Expected in: flat namespace

Trace/BPT trap

```

Bugs: Other Software Packages – CIAO 3.4

This is due to the fact that both CIAO and IDL use the DYLD_BIND_AT_LAUNCH environment variable. By unsetting this variable, it is possible to get IDL to run:

```
unix% unsetenv DYLD_BIND_AT_LAUNCH

unix% idl
  IDL Version 6.1.1, Mac OS X (darwin ppc m32). (c) 2004, Research Systems, Inc.
  Installation number: 94064-13.
  Licensed for use by: Department License
```

However, DYLD_BIND_AT_LAUNCH is required for the CIAO GUIs (e.g. *Prism*), *ChIPS*, *Sherpa*, and *ahelp* (the help system) to run. Without it, they will try to start up but hang. The CIAO command-line tools are unaffected by the environment variable.

Workaround:

The only workaround to this problem at the present time is to run CIAO and IDL in separate windows.

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URL:
<http://cxc.harvard.edu/ciao3.4/bugs/other.html>
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