



## Sample chkcif Errors

As explained in the Verify that the CALDB is Working section of the download instructions, if the PSF library has not been downloaded, then the HRC and ACIS branches will report errors when `chkcif` is run.

Note that the filename printed when the tool aborts is not necessarily the file that caused it to abort. Both of the following examples fail because the optional 2dpsf files were not installed.

Source the `caldbinit.unix` file to begin:

```
unix% source /soft/ciao/CALDB/software/tools/caldbinit.unix
```

### ACIS

```
unix% chkcif chandra acis acis_output.txt
** chkcif 1.1.4
chkcif 1.1.4 :
chkcif 1.1.4 : frelun called with unit    50
chkcif 1.1.4 : on a file which is still open named
chkcif 1.1.4 : acis_output.txt
ERROR - chcif 2.0.2: Fatal - aborting
... /soft/ciao/CALDB///acisD2000-01-29p2_respN0001.fits # file OFFLINE (CIF
row 407)
... See acis_output.txt
for more information
ERROR - chkcif 1.1.4: INCOMPLETE EXECUTION
** chkcif 1.1.4 stop
chkcif 1.1.4 : FAILED

unix% more acis_output.txt
# Results from chkcif 1.1.4 run on 2004-08-16T14:15:53 (system clock)
# ... problems w/ following files in CIF: /soft/ciao/CALDB//data/chandra/acis/caldb.indx
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 213)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 214)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 215)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 216)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 217)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 218)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 219)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 220)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 221)
/soft/ciao/CALDB///acisD1997-04-17qeN0004.fits # file OFFLINE (CIF row 222)
/soft/ciao/CALDB//data/chandra/acis/cpf/2dpsf/acisi1998-11-052dpsf1N0002.fits
# cannot be opened (CIF row 263)
/soft/ciao/CALDB//data/chandra/acis/cpf/2dpsf/acisi1998-11-052dpsf2N0002.fits
# cannot be opened (CIF row 264)
/soft/ciao/CALDB//data/chandra/acis/cpf/2dpsf/acisi1998-11-052dpsf3N0002.fits
# cannot be opened (CIF row 265)
```

## Sample chkcif Errors – CALDB 2

```
/soft/ciao/CALDB//data/chandra/asis/cpf/2dpsf/acisi1998-11-052dpsf4N0002.fits
# cannot be opened (CIF row 266)
/soft/ciao/CALDB//data/chandra/asis/cpf/2dpsf/aciss1998-11-052dpsf1N0002.fits
# cannot be opened (CIF row 267)
/soft/ciao/CALDB//data/chandra/asis/cpf/2dpsf/aciss1998-11-052dpsf2N0002.fits
# cannot be opened (CIF row 268)
/soft/ciao/CALDB//data/chandra/asis/cpf/2dpsf/aciss1998-11-052dpsf3N0002.fits
# cannot be opened (CIF row 269)
/soft/ciao/CALDB//data/chandra/asis/cpf/2dpsf/aciss1998-11-052dpsf4N0002.fits
# cannot be opened (CIF row 270)
/soft/ciao/CALDB//acisD2000-01-29p2_respN0001.fits
# file OFFLINE (CIF row 404)
/soft/ciao/CALDB//acisD2000-01-29p2_respN0001.fits
# file OFFLINE (CIF row 405)
/soft/ciao/CALDB//acisD2000-01-29p2_respN0001.fits
# file OFFLINE (CIF row 406)
/soft/ciao/CALDB//acisD2000-01-29p2_respN0001.fits
# file OFFLINE (CIF row 407)
```

## HRC

```
unix% chkcif chandra hrc hrc_output.txt
** chkcif 1.1.4
chkcif 1.1.4 :
chkcif 1.1.4 : frelun called with unit 50
chkcif 1.1.4 : on a file which is still open named
chkcif 1.1.4 : hrc_output.txt
ERROR - chcif 2.0.2: Fatal - aborting
... /soft/ciao/CALDB//hrclsleg1D1999-07-22earfn0001.fits # file OFFLINE
(CIF row 90)
... See hrc_output.txt
for more information
ERROR - chkcif 1.1.4: INCOMPLETE EXECUTION
** chkcif 1.1.4 stop
chkcif 1.1.4 : FAILED

unix% more hrc_output.txt
# Results from chkcif 1.1.4 run on 2004-08-16T14:16:54 (system clock)
# ... problems w/ following files in CIF: /soft/ciao/CALDB//data/chandra/hrc/caldb.indx
/soft/ciao/CALDB//hrcli1999-05-18badpixN0000.fits # file OFFLINE (CIF row 1)
/soft/ciao/CALDB//hrclsD1999-05-18badpixN0000.fits # file OFFLINE (CIF row 3)
/soft/ciao/CALDB//hrcli1997-08-27gapN0000.fits # file OFFLINE (CIF row 5)
/soft/ciao/CALDB//hrclsD1998-10-30gapN0000.fits # file OFFLINE (CIF row 7)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcli1998-11-052dpsf1N0002.fits
# cannot be opened (CIF row 29)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcli1998-11-052dpsf2N0002.fits
# cannot be opened (CIF row 30)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcli1998-11-052dpsf3N0002.fits
# cannot be opened (CIF row 31)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcli1998-11-052dpsf4N0002.fits
# cannot be opened (CIF row 32)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcls1998-11-052dpsf1N0002.fits
# cannot be opened (CIF row 33)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcls1998-11-052dpsf2N0002.fits
# cannot be opened (CIF row 34)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcls1998-11-052dpsf3N0002.fits
# cannot be opened (CIF row 35)
/soft/ciao/CALDB//data/chandra/hrc/cpf/2dpsf/hrcls1998-11-052dpsf4N0002.fits
# cannot be opened (CIF row 36)
/soft/ciao/CALDB//hrclsleg1D1999-07-22lsfparmN0001.fits
# file OFFLINE (CIF row 64)
```

## Sample chkcif Errors – CALDB 2

```
/soft/ciao/CALDB//hrclsleg-1D1999-07-22earfn0001.fits
# file OFFLINE (CIF row 89)
/soft/ciao/CALDB//hrclsleg1D1999-07-22earfn0001.fits
# file OFFLINE (CIF row 90)
```

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URL:  
[http://cxc.harvard.edu/caldb/downloads/chkcif\\_errors.html](http://cxc.harvard.edu/caldb/downloads/chkcif_errors.html)  
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