

URL: http://cxc.harvard.edu/ciao3.4/bugs/hrc process events.html

Last modified: 10 October 2007

Bugs: hrc_process_events

Caveats

1. Aspect files must be arranged in chronological order

hrc_process_events assumes that the aspect files given in the acaofffile and alignmentfile parameters are arranged in chronological order. If the files are not in order, the tool will exit with an error.

If you have not altered the original filenames, a simple "ls" will put them in order, as the time is listed in the filename:

```
unix% pwd
/data/459/primary

unix% ls -1 pcad*
pcadf063874624N002_asol1.fits
pcadf063875522N002_asol1.fits
pcadf063902942N002_asol1.fits
```

Otherwise, get the value from the TSTART header keyword:

```
unix% dmkeypar pcad_1.fits TSTART echo+63875522.3455031
```

and put the files in chronological order.

Bugs

1. Degap filename length (16 May 2007)

There is a 127 character limit to the filename length (including path) of the HRC degap file. If the filename is > 127 characters, then random memory can get over—written.

2. Failure with level 2 event file (16 May 2007)

The tool fails if you give it a level 2 file as input, rather than printing an error message. The level 2 file is missing a number of columns required by hrc_process_events.

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory. 60 Garden Street, Cambridge, MA 02138 USA. Smithsonian Institution, Copyright © 1998–2006. All rights reserved.

URL: events.html

http://cxc.harvard.edu/ciao3.4/bugs/hrc process events.html Last modified: 10 October 2007 Bugs: hrc_process_events - CIAO 3.4