



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 -l pcad*
pcadf063874624N002_aso11.fits
pcadf063875522N002_aso11.fits
pcadf063902942N002_aso11.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`.

Bugs: hrc_process_events – CIAO 3.4