



AHELP for CIAO 3.4

list

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Synopsis

Lists the contents of datafiles using the CIAO tool dmlist.

Syntax

```
chips> LIST <filename> [<dm_list_parameter_specifications> [| <arg>]]
```

Description

In addition to the <filename>, the input may specify the dmlist option parameter (<dm_list_parameter_specifications>) and any pipe-supporting Unix command (<arg>, e.g. less).

For more information, see "ahelp dmlist".

Example 1

```
chips> acisf01838N001_evt2.fits opt=blocks
```

```
Dataset: acisf01838N001_evt2.fits
```

| | Block Name | Type | Dimensions | |
|-------|------------|-------|-----------------|------|
| Block | 1: PRIMARY | Null | | |
| Block | 2: EVENTS | Table | 14 cols x 78208 | rows |
| Block | 3: GTI7 | Table | 2 cols x 1 | rows |
| Block | 4: GTI0 | Table | 2 cols x 1 | rows |
| Block | 5: GTI1 | Table | 2 cols x 2 | rows |
| Block | 6: GTI2 | Table | 2 cols x 1 | rows |
| Block | 7: GTI3 | Table | 2 cols x 1 | rows |
| Block | 8: GTI6 | Table | 2 cols x 1 | rows |

The blocks of the file acisf01838N001_evt2.fits are returned.

Example 2

```
chips> LIST primary/acisf01838N001_evt2.fits cols | less
```

| Columns for Table Block EVENTS | | | | | |
|--------------------------------|-------------------|-------|-------|----------------------|-----|
| ColNo | Name | Unit | Type | Range | |
| 1 | time | s | Real8 | 84244214.7546979934: | 842 |
| 2 | ccd_id | | Int2 | 0:9 | CCD |
| 3 | node_id | | Int2 | 0:3 | CCD |
| 4 | expno | | Int4 | 0:2147483647 | Exp |
| 5 | chip(chipx,chipy) | pixel | Int2 | 1:1024 | Chi |
| 6 | tdet(tdety,tdety) | pixel | Int2 | 1:8192 | ACI |
| (etc.) | | | | | |

The columns of the data file, which includes a pathname, are piped to "less" and printed to the screen.

Bugs

See the [bugs page for ChIPS](#) on the CIAO website for an up-to-date listing of known bugs.

See Also

chips

[batch](#), [browse](#), [clear](#), [delete](#), [exit](#), [info](#), [pickpoints](#), [redo](#), [redraw](#), [type](#), [undo](#), [verbose](#)

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