camtochip

August 16, 2005

Abstract

A simple coordinate conversion tool to convert from the CAMCOORD to CHIPCOORD frame.

1 Instruments/Modes

Instrument	Mode
all except ERM	all

2 Use

pipeline processing	no
interactive analysis	no
CCF maintenance	yes

3 Description

A provided x/y CAMCOORD (see **cal** for details) coordinate pair is converted to the CHIPCOORD frame. Result is printed on `stdout` in the form

```
instr: CAMCOORD2(<x>, <y>) = CHIPCOORD(<ccd>, <x>, <y>)
```

4 Parameters

This section documents the parameters recognized by this task (if any).

Parameter	Mand	Type	Default	Constraints
instrument	no	string	EMOS1	EMOS1|EMOS2|EPN|RGS1|RGS2|OM

Instrument to which provided coordinate pair x/y applies.

camcoordtype	no	string	2	1|2|DETXY

Input parameters `x/y` are provided in

1 : CAMCOORD1 frame in units of mm

2 : CAMCOORD2 frame in units of mm

DETXY : CAMCOORD2 frame in units of 0.05 arcsec (DETX/DETY event list column frame)

x	no	real	0.	

CAMCOORD x coordinate value.

y	no	real	0.	

CAMCOORD y coordinate value.

5 Input Files

none

6 Output Files

none

References