



camtochip

January 12, 2017

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
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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.	
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CAMCOORD x coordinate value.

y	no	real	0.	
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CAMCOORD y coordinate value.

5 Input Files

none

6 Output Files

none

References