



# esprep\_mosaic

May 4, 2016

## Abstract

This task modifies the event list output from `esprep_mosaic` into files that can be used by the ESAS package. It overwrites header keywords where needed and changes X,Y coordinates to be consistent with subpointings.

## 1 Instruments/Modes

Instrument	Mode
EPIC	Imaging

## 2 Use

pipeline processing	no
interactive analysis	yes

## 3 Description

`esprep_mosaic` is used on the individual event lists for the separate subpointings created by `emosaic_prep`.

**Warning and requirements:**

## 4 Parameters

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

Parameter	Mand	Type	Default	Constraints
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<b>eventsin</b>	yes	string	mos1S001-clean_P001.ds	
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Input event list from `emosaic_prep`.

<b>eventsout</b>	yes	string	mos1S001-clean.fits	
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Output event list for use with ESAS.

<b>raobj</b>	yes	real	270.0	
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Reference RA of the sub-pointing.

<b>decobj</b>	yes	real	45.0	
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Reference Dec of the sub-pointing.

<b>clobber</b>	no	boolean	yes	T/F
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Clobber existing files?

## 5 Input Files

User-specified event list.

## 6 Output Files

User-specified event list. For further use with ESAS it should be of the form *prefix*-clean.fits where *prefix* is, for example, mos1S001 or pnU003.

## 7 Algorithm

## 8 Comments

## References