API Documentation

October 21, 2004

Contents

1 Package multidrizzle

1.1 Modules

```
  >>> md.build()
```

- process the imzaes through the steps which were turned on

```
  >>> md.run( static = None,          skysub = None,
              driz_separate = None,   median = None,
              blot = None,            driz_cr = None,
              driz_combine = None,    timing = None):
```

  where each parameter controls whether a processing step gets

2 Module multidrizzle.acs_

2.3.1 Methods

__init__(self, input, dqname, platescale, memmap=1)
Overrides: multidrizzle.acs_input.ACSInputImage.__init__

Inherited

3 Module multidrizzle.driz_cr

3.1 Variables

Name	Description
__version__	**Value:**

removeInputCopies(self)

Delete copies of input science images.

removeMDrizProducts(self)

Remove all intermediate products.

setInstrumentParameters(self, instrpars)

Sets intrumen

6 Module multidrizzle.mdrizpars

6.1 Functions

cleanBlank(value)

cleanInt(value)

cleanNaN(value)

¯ndFormat(format)

toBoolean(°ag)

6.2 Class MDrizPars

pydrizzle.traits102.traits.HasTraits

MDrizPars

This class de¯nes the default values for all MultiDrizzle parameters, and provides the mechanisms for updating them from any of the available interfaces: EPAR, MDRIZTAB, or directly from the Python interface.

It de¯nes a dictionary containing all the input parameters for MultiDrizzle. The MultiDrizzle class inputs all but the three required parameters as a variable-length argument dictionary. The input parameter dictionary from MultiDrizzle then gets used to initialize this class which then updates the default values it already knows about with the values passed in upon initialization. It can perform parameter name checking in case of typos upon input, [illegible]

Name	Description

8Mo23.8 243761 0 Td (dule35.121.5626 0 Td (m1j 39200994 0 Td (ultidrizzle.m

getFlag(self,

10 Module multidrizzle.static_mask

10.1 Class StaticMask

This class manages the

11.3.2 Class Variables

Name	Description
Inherited	

11.5.2 Class Variables

Name	Description
Inherited from WFPC2InputImage: SEPARATOR (p. 25)	

11.6 Class WFPC2InputImage

multidrizzle.input_image.InputImage
└ WFPC2InputImage

Known Subclasses: PCInputImage, WF2InputImage, WF3InputImage, WF4InputImage

11.6.1 Methods

__init__(self, input, dqname, platescale, memmap=1)
Overrides: multidrizzle.input_image.InputImage.__init__

doUnitConversions(self)

Convert the sci extensions pixels to