XMMextractorpy

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Abstract

XMM-Newton Pipeline for the extraction of basic products.

1 Instruments/Modes

Not applicable.

2 Use

Not applicable.

3 Description

4 Parameters

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

Parameter	Mand	Type	Default	Constraints
runoption	yes	string	xml	Eithere xml or an obsid.

Which option is going to be used: xml or obsid.

paramfile	yes	string	–	If runoption is set to xml.

The path to the XML parameter file.

odfdir	no	string	cwd	If runoption is set to xml.

The directory in which the ODF info is referred.

ObservationID	yes	string	–	If runoption is set to obsid.

The value for the OBSID.

EPN	no	string	yes	IF runoption is set to obsid.

Wheether or not to use the EPN instrument data.

MOS	no	string	yes	IF runoption is set to obsid.

Wheether or not to use the MOS instrument data.

RGS	no	string	yes	IF runoption is set to obsid.

Wheether or not to use the RGS instrument data.

OM	no	string	yes	IF runoption is set to obsid.

Wheether or not to use the OM instrument data.

WorkingDir	no	string	cwd	–

The working directory to use.

5 Errors

This section documents warnings and errors generated by this task (if any). Note that warnings and errors can also be generated in the SAS infrastructure libraries, in which case they would not be documented here. Refer to the index of all errors and warnings available in the HTML version of the SAS documentation.

label *(error)*
explanation

label *(warning)*

explanantion
corrective action: this is the corrective action

6 Input Files

1. Either an observation ID or the xml file eobtained from running odfParamCreator. More details on this can be found in the Parameters section.

7 Output Files

1. Depends entirely on user's input.

8 Comments

- Still on progress, based on a Python version of the current XMMExtractor.

References