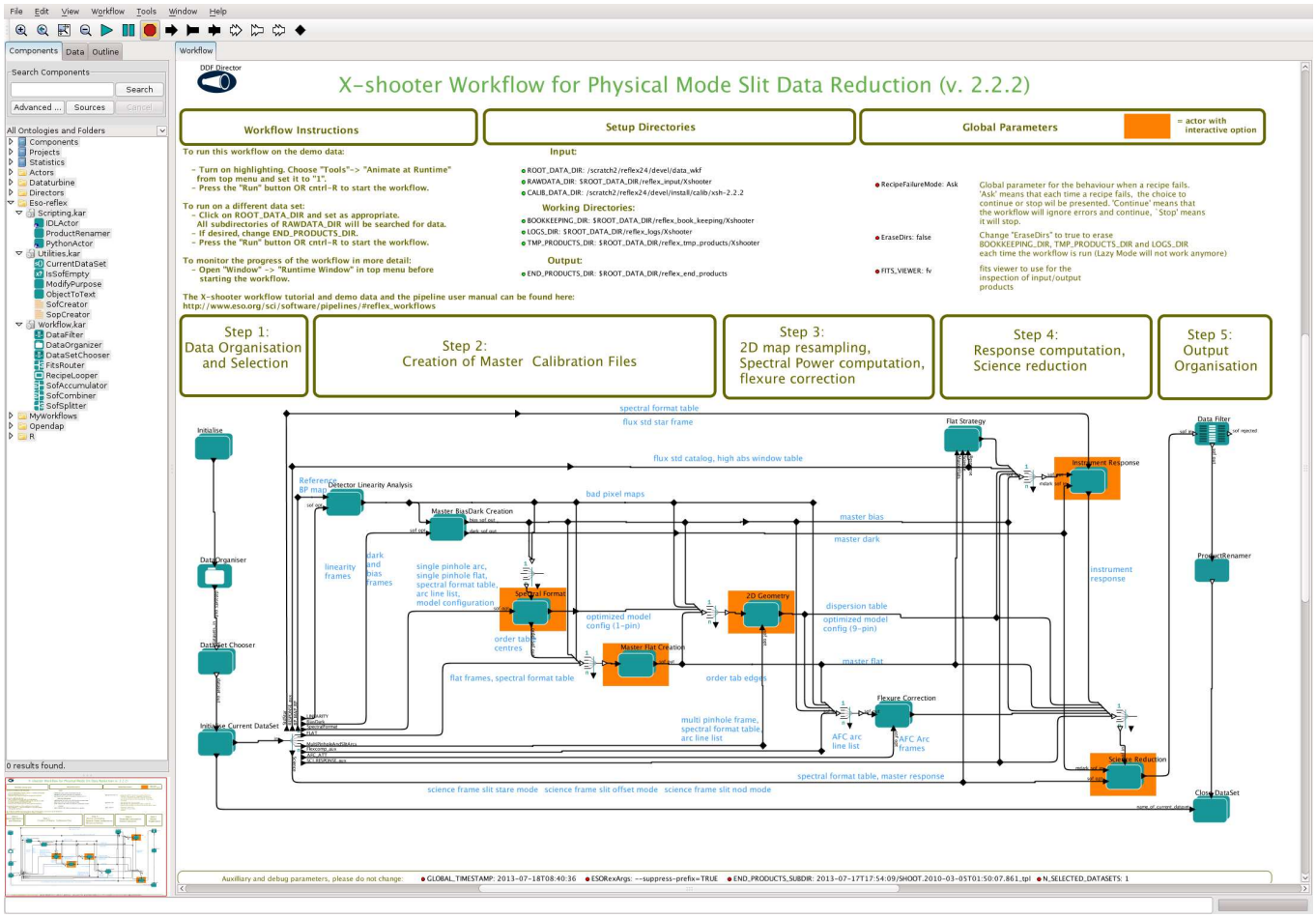
File Edit View Workflow Tools Window Help
Components Data Outline
Search Components
Search
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All Ontologies and Folders
Components
Projects
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Actors
Dataturbine
Directors
Eso-reflex
Scripting.kar
IDLActor
ProductRenamer
PythonActor
Utilities.kar
CurrentDataSet
IsSofEmpty
ModifyPurpose
ObjectToText
SofCreator
SopCreator
Workflow.kar
DataFilter
DataOrganizer
DataSetChooser
FitsRouter
RecipeLooper
SofAccumulator
SofCombiner
SofSplitter
MyWorkflows
Opendap
R
0 results found.
Workflow
DDF Director
X-shooter Workflow for Physical Mode Slit Data Reduction (v. 2.2.2)
Workflow Instructions
Setup Directories
Global Parameters
= actor with interactive option
To run this workflow on the demo data:
- Turn on highlighting. Choose "Tools"-> "Animate at Runtime" from top menu and set it to "1".
- Press the "Run" button OR cntrl-R to start the workflow.
To run on a different data set:
- Click on ROOT_DATA_DIR and set as appropriate. All subdirectories of RAWDATA_DIR will be searched for data.
- If desired, change END_PRODUCTS_DIR.
- Press the "Run" button OR cntrl-R to start the workflow.
To monitor the progress of the workflow in more detail:
- Open "Window" -> "Runtime Window" in top menu before starting the workflow.
The X-shooter workflow tutorial and demo data and the pipeline user manual can be found here:
http://www.eso.org/sci/software/pipelines/#reflex_workflows
Input:
ROOT_DATA_DIR: /scratch2/reflex24/devel/data_wkf
RAWDATA_DIR: $ROOT_DATA_DIR/reflex_input/Xshooter
CALIB_DATA_DIR: /scratch2/reflex24/devel/install/calib/xsh-2.2.2
Working Directories:
BOOKKEEPING_DIR: $ROOT_DATA_DIR/reflex_book_keeping/Xshooter
LOGS_DIR: $ROOT_DATA_DIR/reflex_logs/Xshooter
TMP_PRODUCTS_DIR: $ROOT_DATA_DIR/reflex_tmp_products/Xshooter
Output:
END_PRODUCTS_DIR: $ROOT_DATA_DIR/reflex_end_products
RecipeFailureMode: Ask
Global parameter for the behaviour when a recipe fails. 'Ask' means that each time a recipe fails, the choice to continue or stop wil be presented. 'Continue' means that the workflow will ignore errors and continue, 'Stop' means it will stop.
EraseDirs: false
Change "EraseDirs" to true to erase BOOKKEEPING_DIR, TMP_PRODUCTS_DIR and LOGS_DIR each time the workflow is run (Lazy Mode will not work anymore)
FITS_VIEWER: fv
fits viewer to use for the inspection of input/output products
Step 1: Data Organisation and Selection
Step 2: Creation of Master Calibration Files
Step 3: 2D map resampling, Spectral Power computation, flexure correction
Step 4: Response computation, Science reduction
Step 5: Output Organisation
Initialise
DataOrganiser
DataSet Chooser
Initialise Current DataSet
Reference BP map
Detector Linearity Analysis
Master Bias/Dark Creation
Spectral Format
2D Geometry
Master Flat Creation
Flat Strategy
Instrument Response
Flexure Correction
Science Reduction
Data Filter
ProductRenamer
CloseDataSet
spectral format table
flux std star frame
flux std catalog, high abs window table
bad pixel maps
master bias
master dark
linearity frames
dark and bias frames
single pinhole arc, single pinhole flat, spectral format table, arc line list, model configuration
optimized model config (1-pin)
order tab centres
dispersion table
optimized model config (9-pin)
instrument response
master flat
flat frames, spectral format table
order tab edges
multi pinhole frame, spectral format table, arc line list
AFC arc line list
AFC Arc frames
spectral format table, master response
science frame slit stare mode
science frame slit offset mode
science frame slit nod mode
Auxiliary and debug parameters, please do not change:
GLOBAL_TIMESTAMP: 2013-07-18T08:40:36
ESORexArgs: --suppress-prefix=TRUE
END_PRODUCTS_SUBDIR: 2013-07-17T17:54:09/SHOOT.2010-03-05T01:50:07.861_tpl
N_SELECTED_DATASETS: 1