NAME

detector2nexus – detector2nexus

DESCRIPTION

usage: detector2nexus [options] [options] **−o** nxs.h5

Convert a complex detector definition (multiple modules, possibly in 3D) into a single NeXus detector definition together with the mask (and much more in the future)

optional arguments:

−h, **−−help**

show this help message and exit

−V, **−−version**

show program's version number and exit

−o OUTPUT, **−−output** OUTPUT

Output nexus file, unless detector_name.h5

−n NAME, **−−name** NAME

name of the detector

−m MASK, **−−mask** MASK

mask corresponding to the detector

−D DETECTOR, **−−detector** DETECTOR

Base detector name (see documentation of pyFAI.detectors

−s SPLINEFILE, **−−splinefile** SPLINEFILE

Geometric distortion file from FIT2D

−dx DX, **−−x−corr** DX

Geometric correction for pilatus

−dy DY, **−−y−corr** DY

Geometric correction for pilatus

−p PIXEL, **−−pixel** PIXEL

pixel size (comma separated): x,y

−S SHAPE, **−−shape** SHAPE

shape of the detector (comma separated): x,y

−d DARK, **−−dark** DARK

Dark noise to be subtracted

−f FLAT, **−−flat** FLAT

Flat field correction

−v, **−−verbose**

switch to verbose/debug mode

This summarizes detector2nexus