

NAME

detector2nexus – Create NeXus detector definition

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