

NAME

check_calib – check_calib

SYNOPSIS

check_calib [*options*] -p *param.poni image.edf*

DESCRIPTION

Check_calib is a research tool aiming at validating both the geometric calibration and everything else like flat-field correction, distortion correction. Maybe the future lies over there ...

OPTIONS

--version

show program's version number and exit

-h, --help

show this help message and exit

-v, --verbose

switch to debug mode

-d FILE, --dark=FILE

file containing the dark images to subtract

-f FILE, --flat=FILE

file containing the flat images to divide

-m FILE, --mask=FILE

file containing the mask

-p FILE, --poni=FILE

file containing the diffraction parameter (poni-file)

-e ENERGY, --energy=ENERGY

energy of the X-Ray beam in keV (hc=12.398419292keV.A)

-w WAVELENGTH, --wavelength=WAVELENGTH

wavelength of the X-Ray beam in Angstrom