NAME

pyFAI-integrate – pyFAI-integrate

DESCRIPTION

INFO:root:Enter, port=54321. INFO:root:Enter. usage: usage: pyFAI−integrate [options] file1.edf file2.edf ...

PyFAI−integrate is a graphical interface (based on Python/Qt4) to perform azimuthal integration on a set of files. It exposes most of the important options available within pyFAI and allows you to select a GPU (or an openCL platform) to perform the calculation on.

positional arguments:

FILE   Files to be integrated

optional arguments:

−h, **−−help**

show this help message and exit

−V, **−−version**

show program's version number and exit

−v, **−−verbose**

switch to verbose/debug mode

−o OUTPUT, **−−output** OUTPUT

Directory or file where to store the output data

−f FORMAT, **−−format** FORMAT

output data format (can be HDF5)

−s SLOW, **−−slow−motor** SLOW

Dimension of the scan on the slow direction (makes sense only with HDF5)

−r RAPID, **−−fast−motor** RAPID

Dimension of the scan on the fast direction (makes sense only with HDF5)

−−no−gui

Process the dataset without showing the user interface.

PyFAI−integrate saves all parameters in a .azimint.json (hidden) file. This JSON file is an ascii file which can be edited and used to configure online data analysis using the LImA plugin of pyFAI. Nota: there is bug in debian6 making the GUI crash (to be fixed inside pyqt) http://bugs.debian.org/cgibin/bugreport.cgi?bug=697348