

**NAME**

pyFAI-integrate – pyFAI-integrate

**DESCRIPTION**

INFO:root:Enter, port=54321. 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/cgi-bin/bugreport.cgi?bug=697348>