

Get Information About an Image File

• Method 1 - GUI

- run e2display.py
- Single click file of interest
- Toggle Info button for header
- Works for any supported format
 - hdf, mrc, mracs, hed, spi, ...
- Note: .mracs ext required for MRC stacks

• Method 2 - Command Line

- display 1st image header
 - `e2iminfo.py -H threed_04.mrc`
- statistics for all images in stack:
 - `e2iminfo.py -as classes_03.df`
- Help on all options (`--help` with any EMAN2 program)
 - `e2iminfo.py --help`

• Method 3 - Python (advanced users)

- `e2.py`
- `img=EMData("particles.mrcs",0) # reads first image`
- `print img.get_attr_dict() # prints all header items`
- `print img["apix_x"] # A/pix for X-axis`
- `print img["ny"] # width of image in pixels on Y axis`
- `print img["sigma"] # standard deviation of image`

