

level2_cub.py documentation

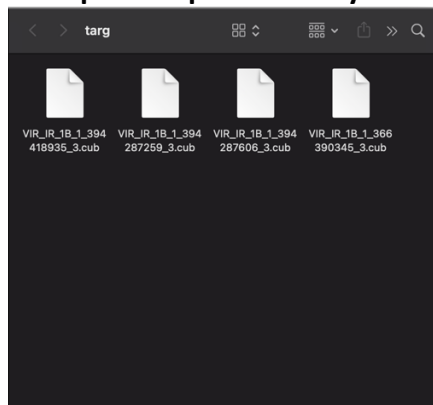
Script to transform the level1 isis cubes created with *dawnvir2isis* into level2 isis cubes using the *'spiceinit'* tool (insert geometrical data).

The script will run *spiceinit* locally, so it is required that you download the base and dawn kernels before running it.

It takes only one parameter:

'input_dic': is the path of the directory that contains the .cub files to be transformed

Example of input directory:



Testing the script in the above directory:

Before you run the script you must make sure that your isis environment is activated!

```
(isis) cauaveiga@cau:~/Scripts % python3 level2_cub.py
input directory: /Users/cauaveiga/Desktop/targ
Group = Kernels
NaifFrameCode      = -203213
LeapSecond         = $base/kernels/lsk/naif0012.tls
TargetAttitudeShape = ($base/kernels/pck/pck00009.tpc,
                        $dawn/kernels/pck/dawn_vesta_v06.tpc,
                        $dawn/kernels/pck/dawn_vesta_v00.tf)
TargetPosition      = ($dawn/kernels/tspk/de421.bsp,
                        $dawn/kernels/tspk/sb_vesta_110211.bsp,
                        $dawn/kernels/ck/dawn_vir_zero.bc)
InstrumentPointing   = ($dawn/kernels/ck/dawn_sc_120625_120701.bc,
                        $dawn/kernels/fk/dawn_v15.tf,
                        $dawn/kernels/fk/dawn_fc_v3.bc)
Instrument           = $dawn/kernels/ik/dawn_vir_v05.ti
SpacecraftClock      = $dawn/kernels/sclk/DAWN_203_SCLKSCET.00091.tsc
InstrumentPosition   = $dawn/kernels/spk/dawn_rec_120611-120724_121101-
                        _v1.bsp
```