

General Image and Spectral Association Workflow

Observatory

Telemetry
Conversion

Workflow Trigger

When all files listed in the association exist, execute the task.

Level 1b Exposures

jw99999001001_01100_00001_nircam_uncal.fits
jw99999002001_01100_00001_nirspec_uncal.fits
⋮

calwebb_sloper

Pool maker

Association Pool

jw99999_20170719t112133_pool.csv

asn_generate

Level 2a Exposures

jw99999001001_01100_00001_nircam_rate.fits
jw99999002001_01100_00001_nirspec_rate.fits
⋮

Level2 Image Association

jw99999-o001_20170719t112133_image2_001_asn.json

calwebb_image2

Level 2b Image

jw99999001001_01100_00001_nircam_cal.fits
jw99999001001_01100_00001_nircam_i2d.fits
⋮

Level3 Image Association

jw99999-o001_20170719t112133_image3_001_asn.json

calwebb_image3

Level 3 Image

jw99999-o001_t001_nircam_f090w_i2d.fits
⋮

Level 2c Image

jw99999001001_01100_00001_nircam_o001_crf.fits
⋮

Catalogs & Source images

jw99999001001_01100_00001_nircam_o001_cat.ecsv
⋮

Level2 Spectral Association

jw99999-o002_20170719t112133_spec2_001_asn.json

calwebb_spec2

Level 2b Spectral Exposures

jw99999002001_01100_00001_nirspec_cal.fits
⋮

Level3 Spectral Association

jw99999-o002_20170719t112133_spec3_001_asn.json

calwebb_spec3

Level 3 Spectral

jw99999-o002_t001_nirspec_f170lp_s2d.fits
jw99999-o002_t001_nirspec_f170lp_x1d.fits
⋮

Level 2c Spectral

jw99999002001_01100_00001_nirspec_o001_crf.fits
⋮