

AMI SIM

pyami

etc

simcode

drive_binary.py

generate PSF

generate star PSF

create calib star

calc dither positions

create binary

sim skydata (binary)

sim skydata (calib)

uptheramp (-utr)

targetMagnitude

totalElectrons

filt

deltaX (-dx)

deltaY (-dy)

spectralType (-st)

fluxRatio (-fr)

oversample (-O)

NIRISSami_aprt_calc_v3.py

generatePSF

generate_starPSF

generate_starPSF

make_binary.py

make_scene.py

simulate_scenedata

filter (-f)

psf (-p)

sky (-s)

nint (-l)

ngroups (-G)

create_calibrator (-c)

countrate (-cr)

uptheramp (-utr)

driver_scene.py

load PSF data

load sky data

calc dither positions

simulate scene (data)

simulate scene (calib)

star_array

tcube{trials}{dither}.fits

ccube{trials}{dither}.fits

t_{filename}{trials}{dither}.fits

c_{filename}{trials}{dither}.fits