PIPELINE START Inputs: instrument; data path; optional parameters First run (includes reset) Rerun **LOAD FILE LIST RAW DATA SORT FILES CREATE CALIBRATIONS** PROCESS SCIENCE IMAGES **APPLY CALIBRATIONS SUB BKG** NIR Optical **FRINGE MAP NIR SKY MAP** MASK SATELLITE TRAILS **WCS QUALITY CONTROL ALIGN CREATE MASK CALCULATE ERRORS** STACK (SCIENCE, MASK, ERROR) **APER PHOTOMETRY PSF PHOTOMETRY ZERO POINT**