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Roadmap

- planning document (from innerspace): [astrogrism_roadmap.pdf](#)

WFC3 & ACS grism data reduction

- [WFC3 Grism resources](#)
- [Cookbook](#)
- [Jupyter notebook cookbook](#)
- [Master sky images for WFC3-IR grism](#)
- [ACS data handbook 2018](#)

aXe Software

- <https://www.stsci.edu/scientific-community/software/axe>

Grizli Software

- [Readthedocs](#)
- [Github repo](#)

GrismConf

- [Github repo](#)
- [Updated_GRISM_Configuration.pdf](#)
- [grism_tir.pdf](#) – comparison of simulation approaches of different codes circa 2014, with a brief discussion of configuration

PyLINEAR

- [Github repo](#)
- keynote presentation: [ryan_pylinear.key](#)

JWST Pipeline

- JDOx user documentation
 - [Pipeline](#)
 - [CALWEBB_SPEC2](#)
 - [CALWEBB_SPEC3](#)
- Software (readthedocs) documentation
 - [Pipeline](#)
 - [CALWEBB_SPEC2](#)
 - Steps for WFSS: `assign_wcs * background * flat_field * extract\_2d * photom * extract_1d`
 - [CALWEBB_SPEC3](#)
 - `exp_to_source` for WFSS modes
 - `extract_1d`
 - `combine_1d`
 - Calibration reference files (CRDS) <https://jwst-crds.stsci.edu>
 - Example NIRISS WFSS spectroscopic WCS https://jwst-crds.stsci.edu/browse/jwst_niriss_specwcs_0008.asdf
- gwcs (world-coordinate system transformations) <https://gwcs.readthedocs.io/en/latest/>
- asdf (data file format): `asdf-standard` definition * `asdf` library
- [jwst datamodels](#)

Software Briefings 6,8,11 May 2020

Grism 101 refresher - Iva Momcheva

- Recording [Grism 101 refresher-20200506 1802-1.mp4](#)
- PDF of presentation: [Grism 101](#)

PyLINEAR - Russell Ryan

- Recording [pyLINEAR briefing-20200508 1502-1.mp4](#)
- keynote presentation: [ryan_pylinear.key](#)

Grizli - Iva Momcheva

- Recording for this and the next session [Grism software briefing-20200508 1843-1.mp4](#)
- Notebooks <https://github.com/ivastar/grizli/tree/fixes/examples>

Grismconf, emission-line finding, etc. - Nor Pirzkal

- Recording – [same as previous session](#), starts at 19:35
- Presentation [AstroGrism.pdf](#)

JWST pipeline - Nadia Dencheva

- Jupyter notebook https://github.com/nden/documentation/blob/master/grisms/JWST_Grisms.ipynb
- Recording [JWST slitless spectroscopy pipeline briefing-20200511 1501-1.mp4](#)