



ALMA Imaging Tutorial

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ALMA Guides and Tutorials casaguides.nrao.edu

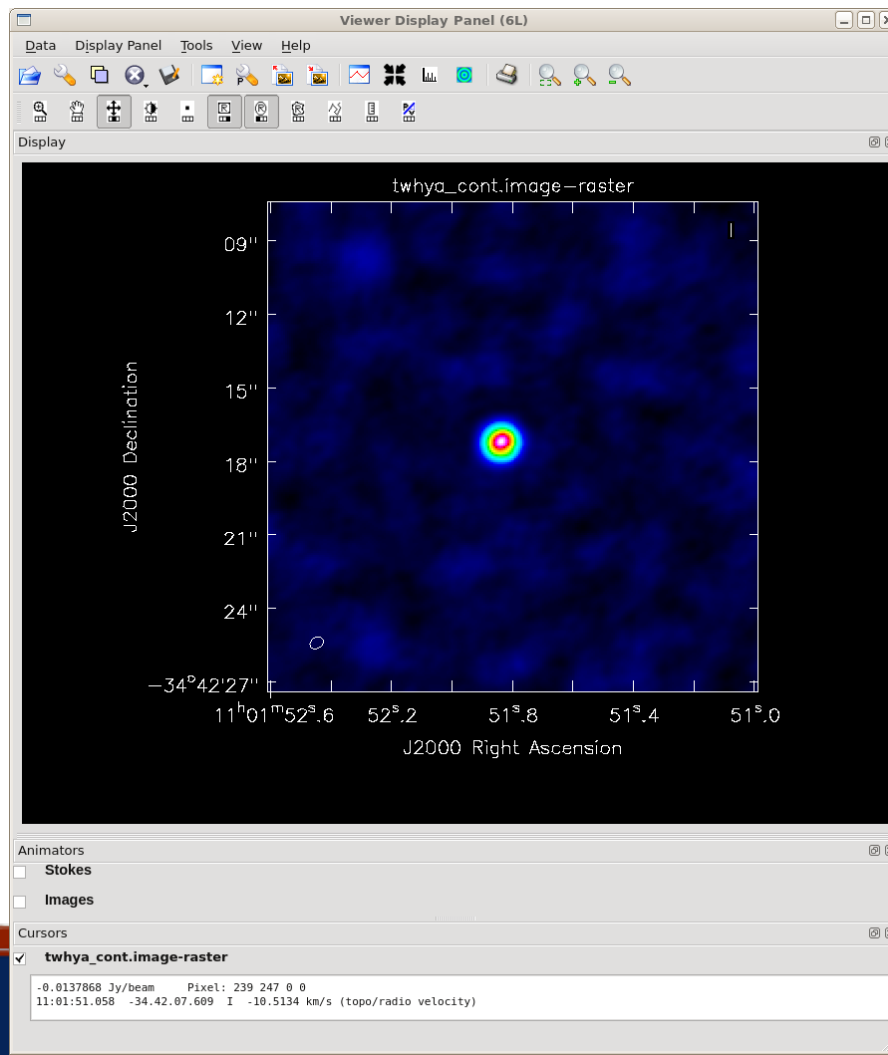
Navigate to ALMA Guides/Tutorials

- First Look Imaging Guide: Beginners to CASA should start here. Covers CASA commands, CLEAN, TCLEAN, and a brief section on calibration.
- First Look at Spectral Line Imaging: Start here once you know the basics of CASA imaging. Covers continuum subtraction (UVCONTSUB) and CLEAN.
- First Look at Self Calibration: Start learning how to improve images with high dynamic range or at high frequency by using your source as a calibrator.
 - Interested in more? Check out the TWHydraBand7 Imaging guide
- First Look at Image Analysis: Learn the tools available once you have created images. Introduces IMSTAT and IMMOMENTS.

Imaging Tutorials for CASA beginners:

A First Look at Imaging

- https://casaguides.nrao.edu/index.php/First_Look_at_Imaging



Important User Resources

- A new Guide is available - Guide to the NA Imaging Template
 - This CASA Guide walks through the imaging template the NA staff uses to manually image QA2 products.
 - One can use this to walk through a provided guide, or as a starting point if they received products from our imaging pipeline.
- Face to Face visits to the NAASC
 - We encourage data reduction visitors to the North American ALMA Science Center in Charlottesville, VA.
 - Travel support is available to fund your trip.
 - More information at:
 - <https://science.nrao.edu/facilities/alma/visitors-shortterm>



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