

V128a **ALMA Pipeline – Current Status**

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ALMA Pipeline is the automated data reduction tool that runs on ALMA data. The current version of ALMA pipeline produces quality science data products for standard interferometric observing modes up to calibration process. ALMA Pipeline has (1) heuristics that is a set of Python scripts selecting best processing parameters and (2) contexts that are given for book-keeping purpose of data processes. ALMA Pipeline produces "weblog" that showcases detailed plots for users to judge how each step of calibration processes are treated. ALMA Interferometric Pipeline was conditionally accepted in March 2014 by processing Cycle 0 and Cycle 1 data sets. From Cycle 2, ALMA Pipeline is to be used for ALMA data reduction and quality assurance for the projects whose observing modes are supported by ALMA Pipeline. As of June 2014, CASA release and pipeline release are independent. Pipeline tasks are to be available based on CASA version 4.2.2, and this Pipeline version is called CASA version 4.2.2 pipeline. One can reduce the ALMA data both by CASA tasks as well as by pipeline tasks by using CASA version 4.2.2 pipeline. ALMA Singledish Pipeline tasks have been developed by the NAOJ pipeline team, as reported by Nakazato et al. in 2013 ASJ Meeting. We are aiming for ALMA Singledish Pipeline to be accepted in fall this year. This presentation is to give ALMA users an update on ALMA pipeline status since last year.