AAT/PPI 4.1 Series Release Notes

Introduction

The AAT/PPI (Archive Access Tool/Pipeline Processing Interface) is designed to be a replacement for the NRAO's current archive tool (https://archive.nrao.edu) that gives astronomers the ability to utilize the NRAO's processing clusters to manipulate observation data using CASA. This release provides the additional capability to download individual VLBA correlations.

Additional features include:

- VLBA
- Un-nesting of EVLA filegroup structure
- Modified support for VLBA proprietary period not based on last observation time

New Features

- support for downloading VLBA individual correlations

Known Issues

Release Notes - 4.1.1 - 2022.06.22

Engineering Task

- [SSA-7355] - modify the RH to remove projects.proprietary_expiration
- [SSA-7356] - modify pyat to remove projects.proprietary_expiration
- [SSA-7359] - FE & RH GMVA Support
- [SSA-7417] - fix front end build issues
- [SSA-7426] - import FITSAIPS files without matching projects
- [SSA-7433] - import GMVA files without matching projects

Feature

- [SSA-7185] - Modify front end for VLBA to display individual correlation files
- [SSA-7328] - Add FITSAIPS files to new archive
- [SSA-7333] - Import GMVA idifits files into new archive
- [SSA-7343] - disable MD5SUM generation on delivery
- [SSA-7344] - make tar downloads default to 'off'
- [SSA-7345] - loosen local delivery requirements
- [SSA-7350] - refactor proprietary setter
- [SSA-7357] - add GMVA to indexer
- [SSA-7371] - Change data selection icon and mouse-over text in AAT interface
- [SSA-7375] - Remove Legacy Archive label and link from new archive

Bug

- [SSA-6648] - Incomplete metadata update for Vlass Calibration Reingestion
- [SSA-7240] - Rearchiving Calibration Causes Archive_Error in VLASS Manager
- [SSA-7277] - db has zeros for min/max frequencies for some archive files
- [SSA-7346] - VLBA per project indexing not being triggered for some test projects
- [SSA-7348] - restoreToCache failures
- [SSA-7379] - old VLBA project metadata issues
- [SSA-7384] - Archive-Services loses requests

Release Notes - 4.1.0 - 2022-02-27

Epic

- [SSA-7181] - VLBA Correlator Pass Support
- [SSA-7210] - TD: Un-Nest EVLA Filegroups

Engineering Task

- [SSA-7183] - Modify VLBA ingestion to create science products from correlation files
- [SSA-7184] - Modify VLBA indexing to support correlation files as science products
- [SSA-7209] - Un-nest EVLA Filegroups
- [SSA-7245] - Add allow_download and is_srdp columns to products table - WS Support
- [SSA-7246] - Add endpoint to set SRDP status flag to archive service - WS Support
- [SSA-7272] - Multiple deployment enhancements

Feature

- [SSA-7182] - Transform VLBA Science Products to use Correlation Files
- [SSA-7198] - Modify support for VLBA proprietary period

Bug

- [SSA-7170] - permissions of `working` directory
- [SSA-7194] - Make 'Not in OPT' project display in AAT
- [SSA-7290] - mark4 import doesn't handle new VLBA structure correctly