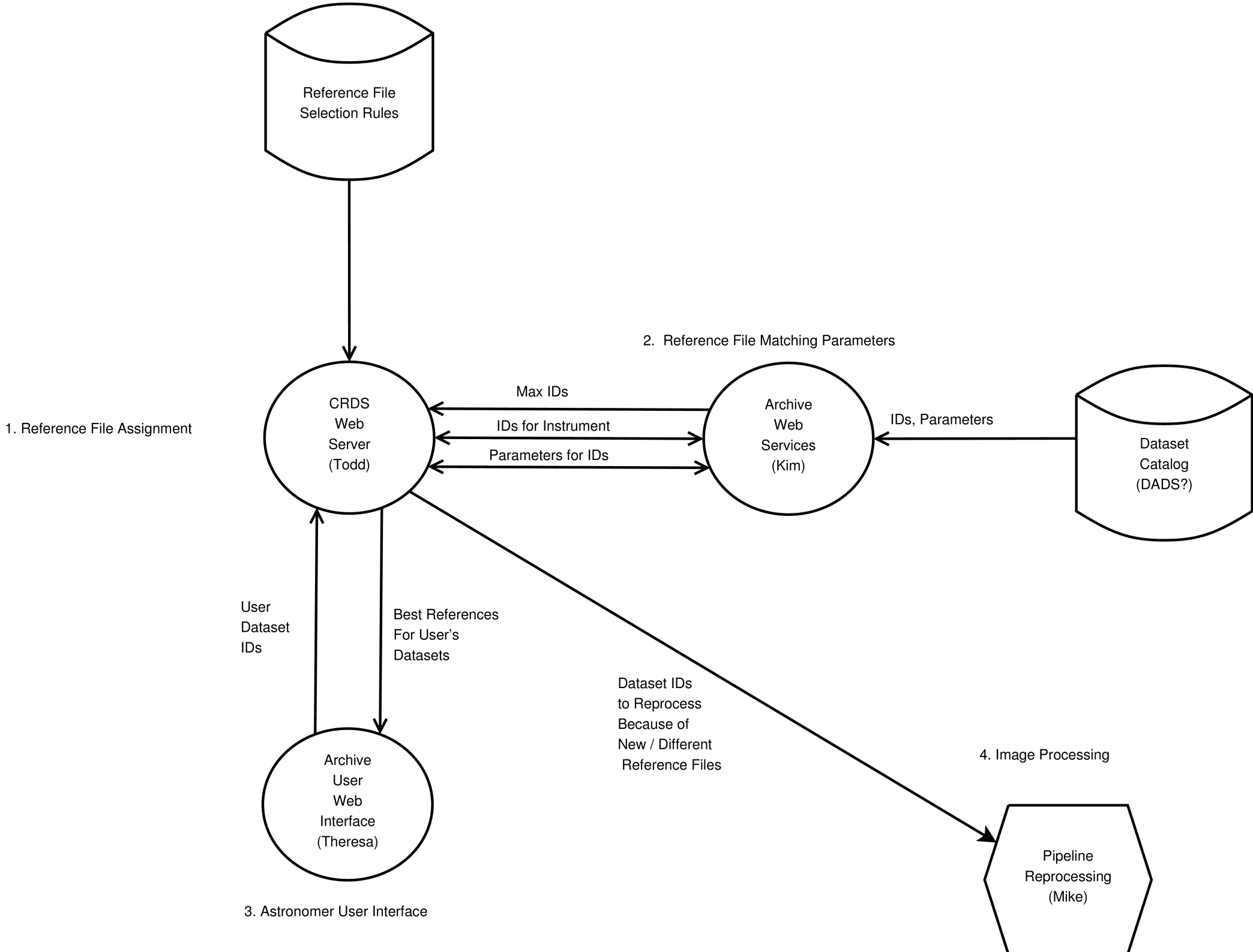# CRDS / DMS / Archive
Web Services

07-11-2015

Interfaces

- CRDS : Dataset Archive

  - Dataset archive provides CRDS with reference file matching parameters and dataset IDs per instrument

- CRDS : Pipeline Reprocessing

  - CRDS outputs dataset IDs which are candidates for reprocessing based on new or changed references

- Archive UI : CRDS

  - CRDS defines best references for requested user dataset IDs

Reference File
Selection Rules

2. Reference File Matching Parameters

1. Reference File Assignment

CRDS
Web
Server
(Todd)

Max IDs

IDs for Instrument

Parameters for IDs

Archive
Web
Services
(Kim)

IDs, Parameters

Dataset
Catalog
(DADS?)

User
Dataset
IDs

Best References
For User's
Datasets

Dataset IDs
to Reprocess
Because of
New / Different
Reference Files

4. Image Processing

Archive
User
Web
Interface
(Theresa)

Pipeline
Reprocessing
(Mike)

3. Astronomer User Interface

Issues

- ## What does a "Dataset ID" look like?
    - ### Who does it matter to?
    - ### \<association\> : \<exposure\> (?)
    - ### FileSetName (JW\<PPPPP\>\<OOO\>\<VVV\>_\<GGSAA\>_\<EEEEE\>)
- ## How do we name dataset parameters?
    - ### FITS keywords?
    - ### JWST Data Model paths?