

System v2.2.0

Release Description Document (RDD) Review

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September 21, 2010

**Feedbacks
Failure Reports**



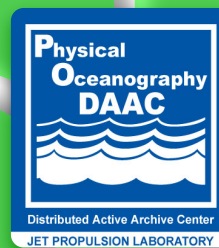
Deployment

Design

**Requirements
Design Review**



**Test Documentations
Failure Reports
Operation Readiness Review**



Validation

Planning

Development

**Release Description Review
Documentations**

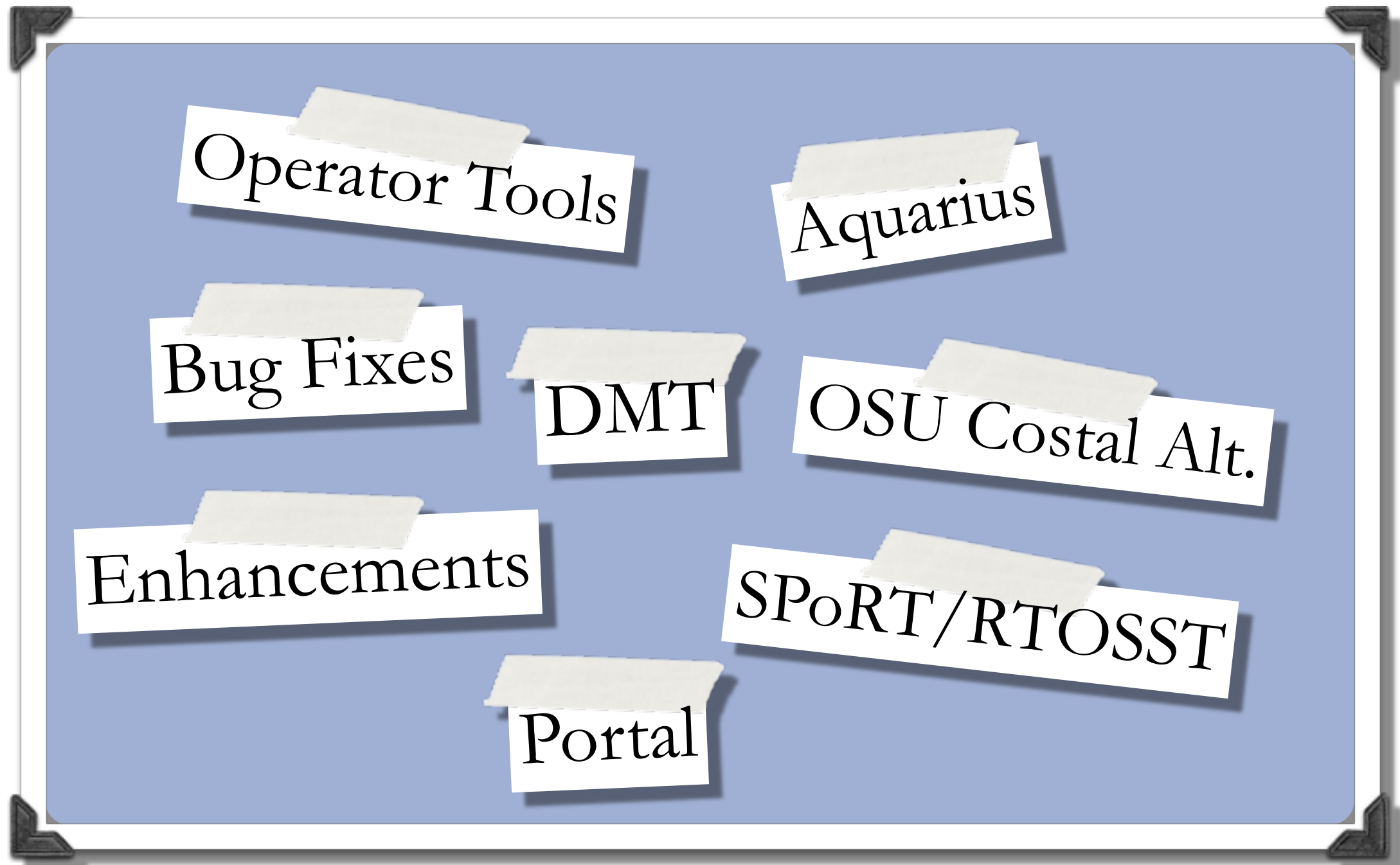


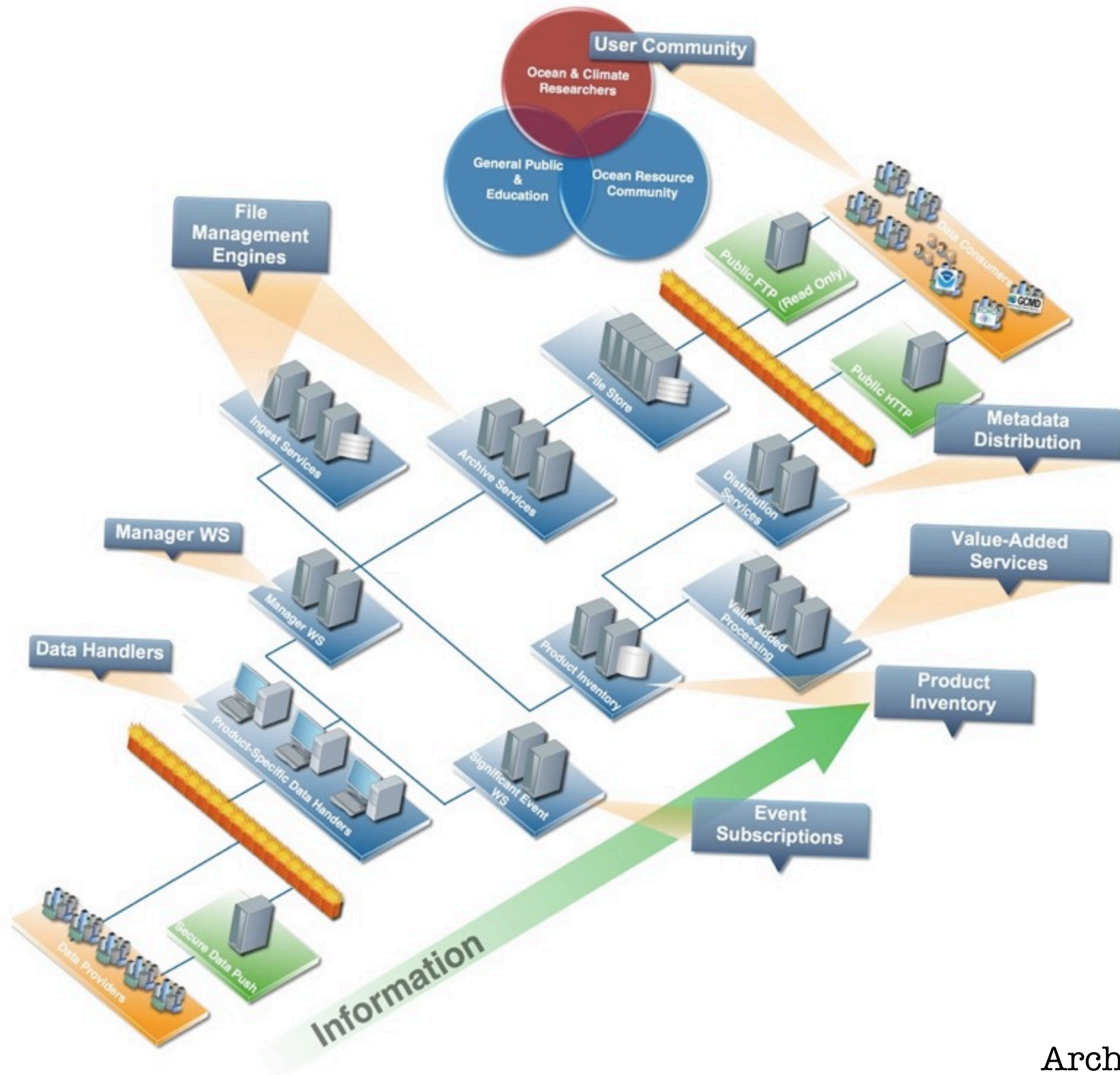
**Schedule
Approved**



Process

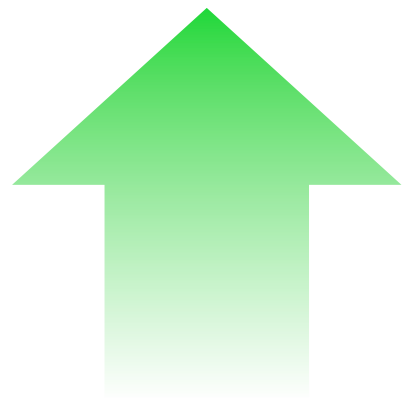
What



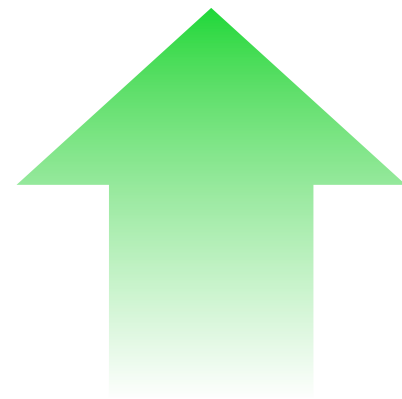


Architecture

1.7.3



1.3.3

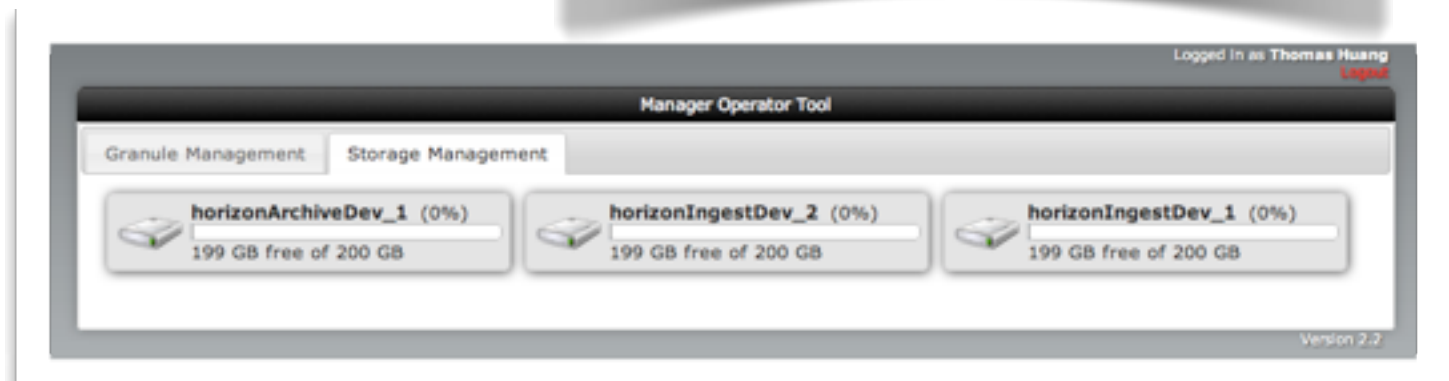
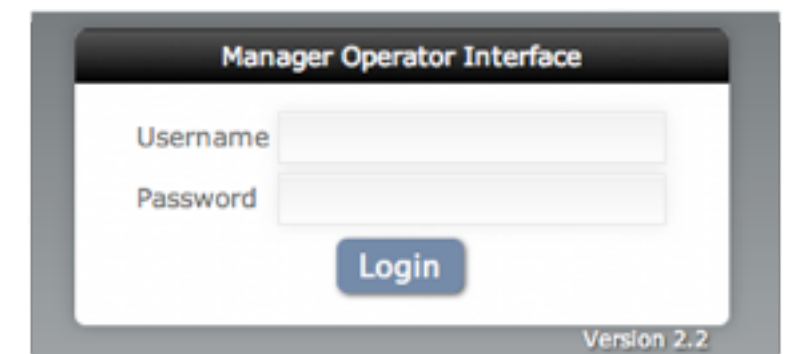
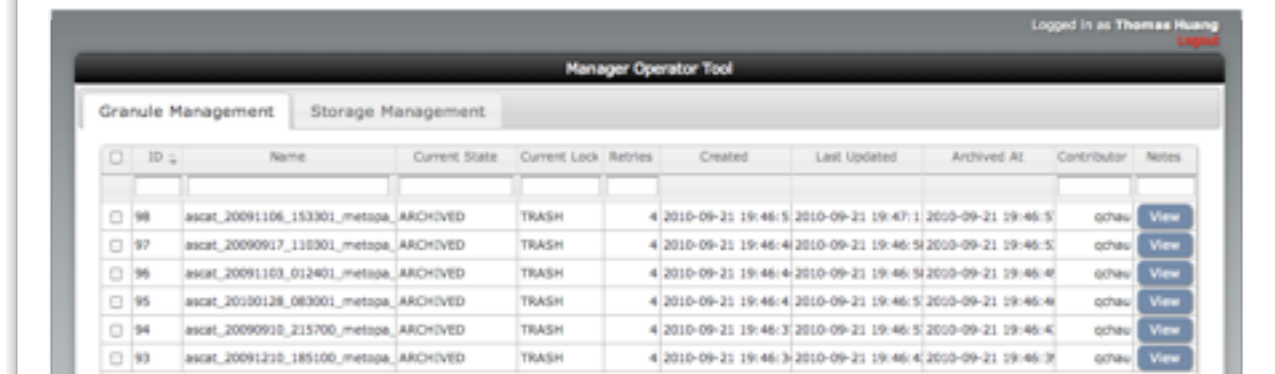


Program Set: Administer

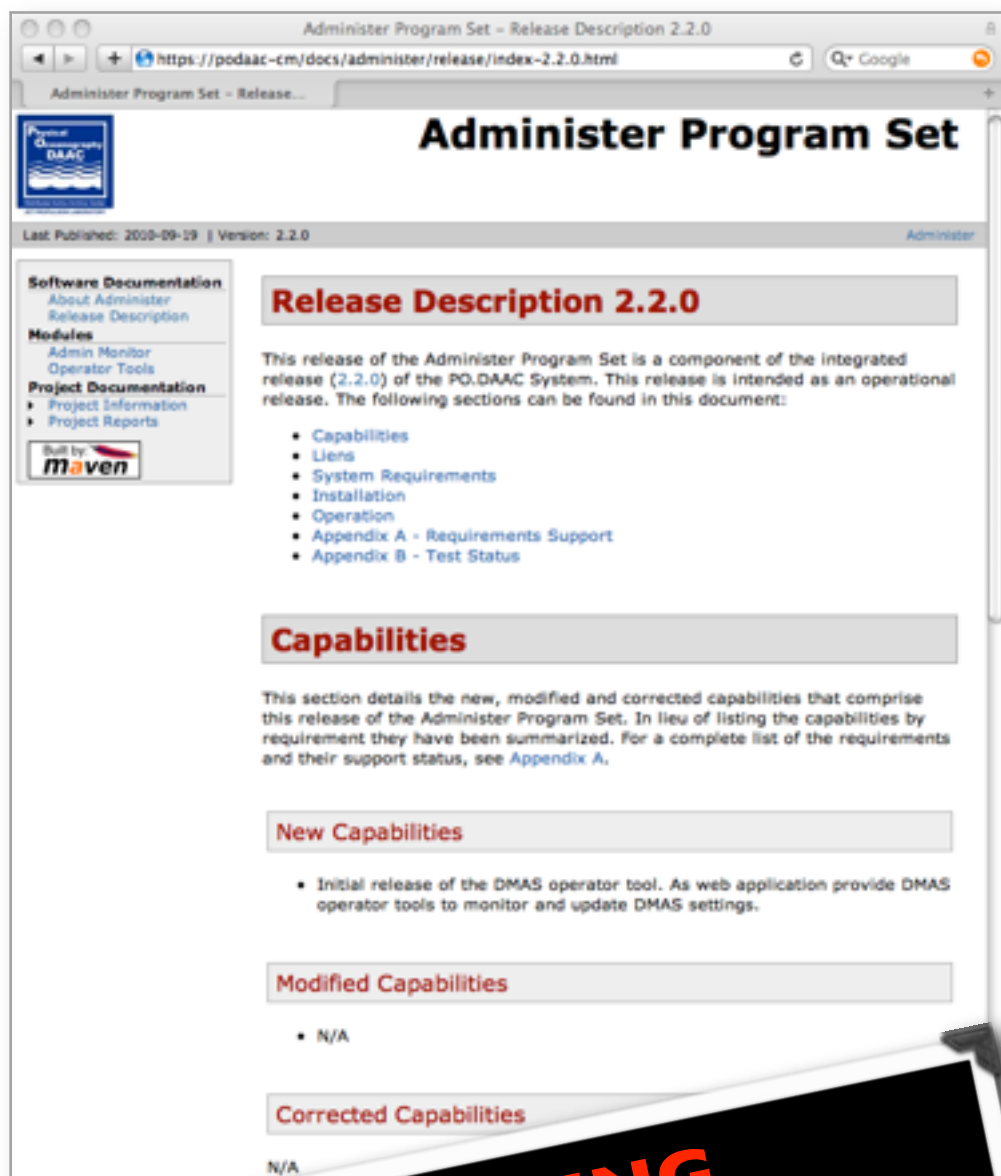


- **New Capabilities**

- New DMAS Operator Tools web application to provide operator the ability to monitor and update the state of DMAS pipeline.
 - Granule state management
 - Storage management
 - Job filtering

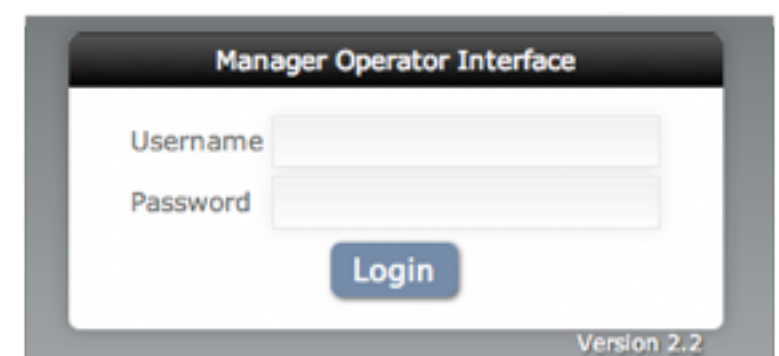
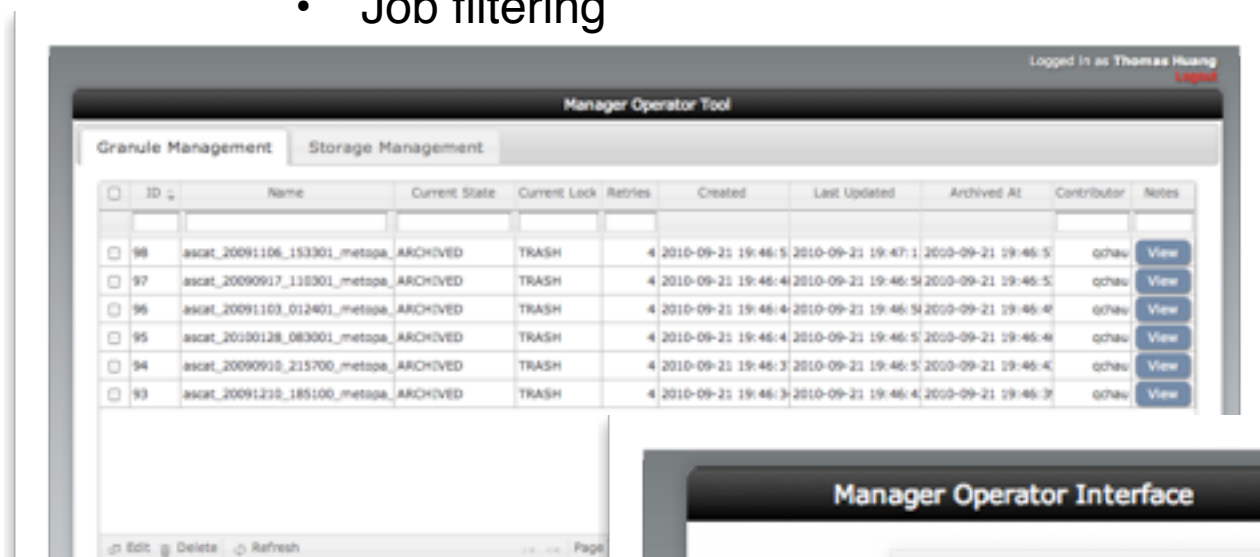


Program Set: Administer



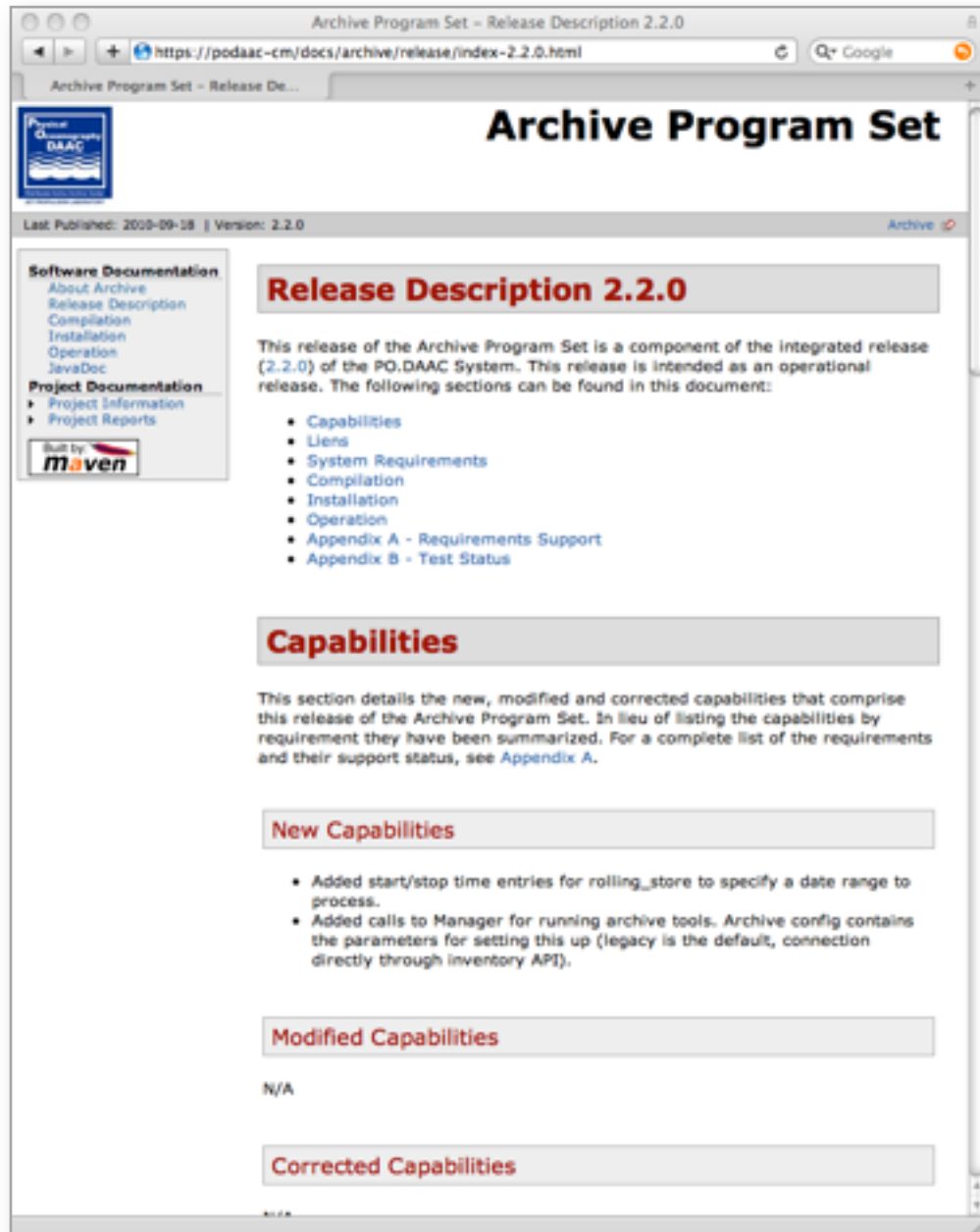
• New Capabilities

- New DMAS Operator Tools web application to provide operator the ability to monitor and update the state of DMAS pipeline.
- Granule state management
- Storage management
- Job filtering



WARNING
Changing the state of a non-
ABORTED granule job may
have undesirable affect to
Manager.

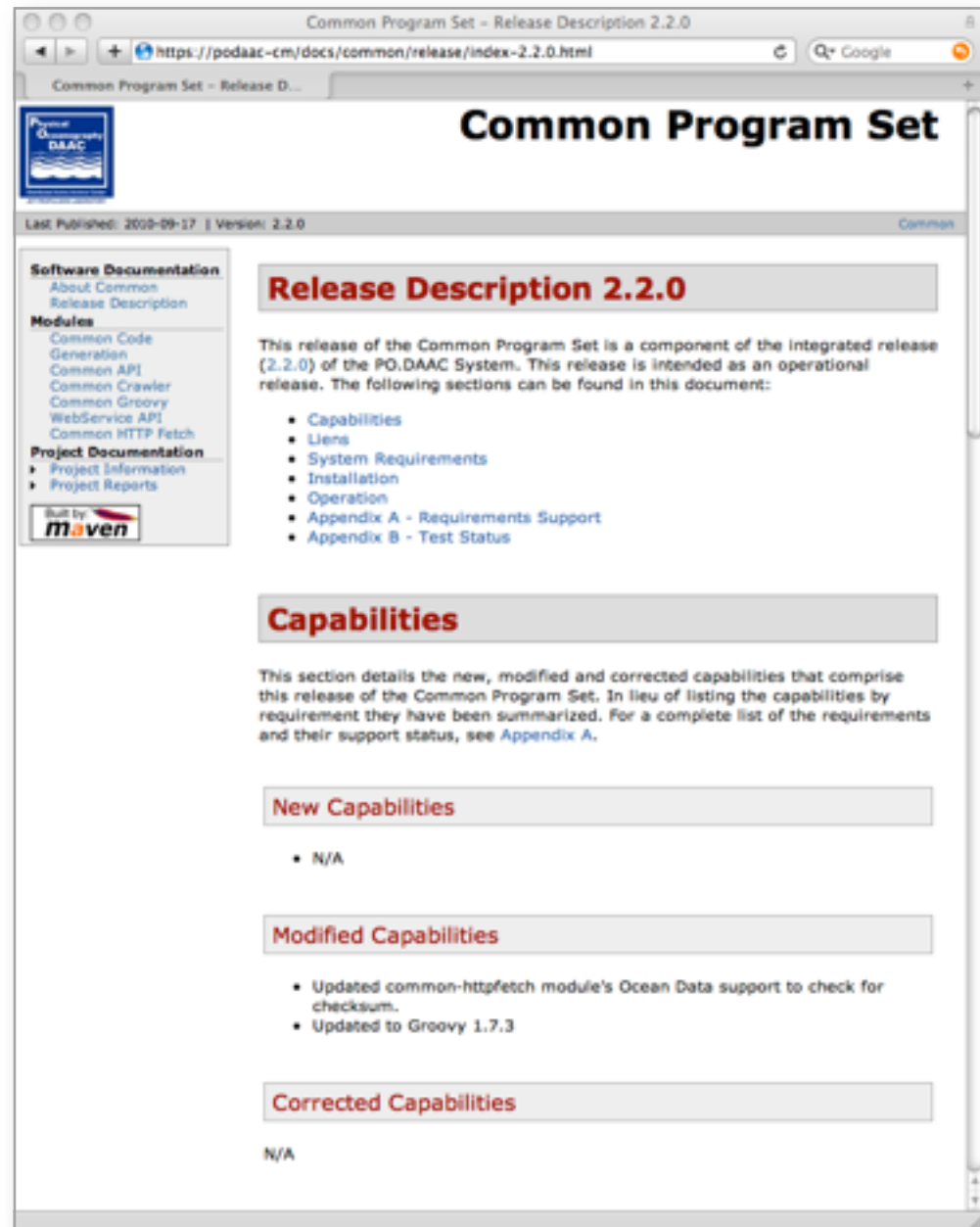
Program Set: Archive



- **New Capabilities**

- Added start/stop time entries for rolling_store to specify a date range to process.

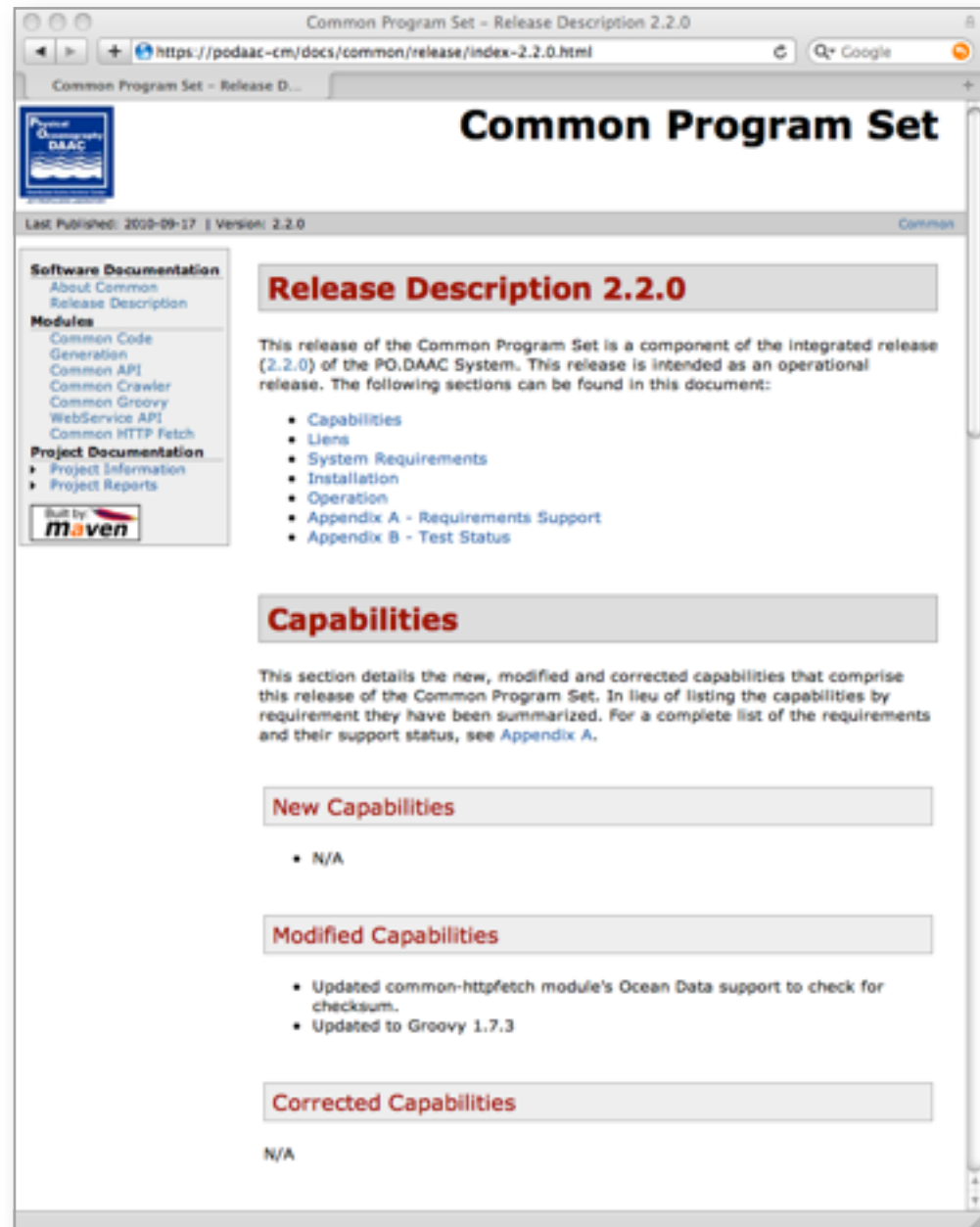
Program Set: Common



- **Modified Capabilities**

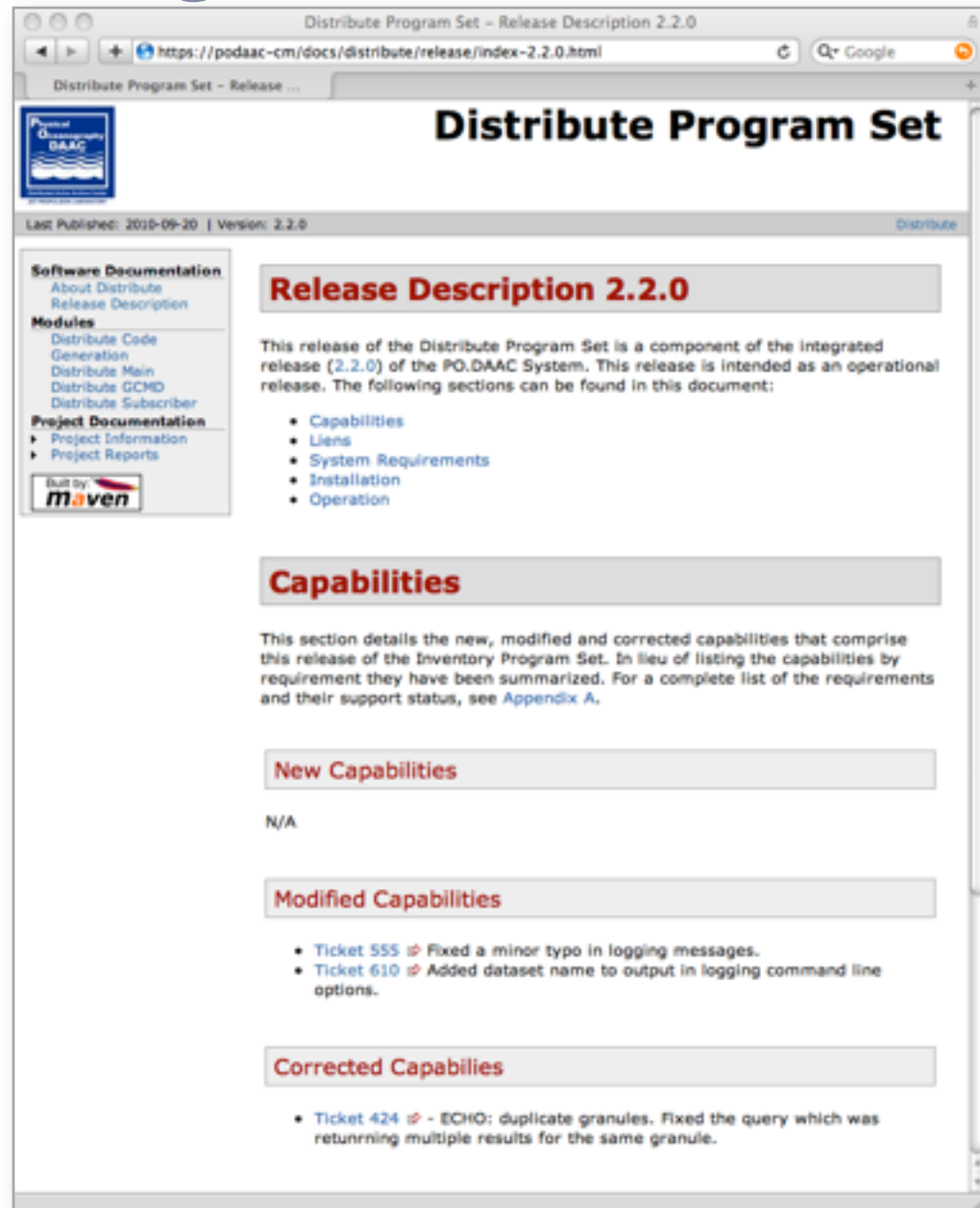
- Updated Ocean Data HTTP fetching module to retrieve SHA1 checksum information
- Updated crawler cache XSD to support capturing of checksum algorithm and value.

Program Set: Data Handlers



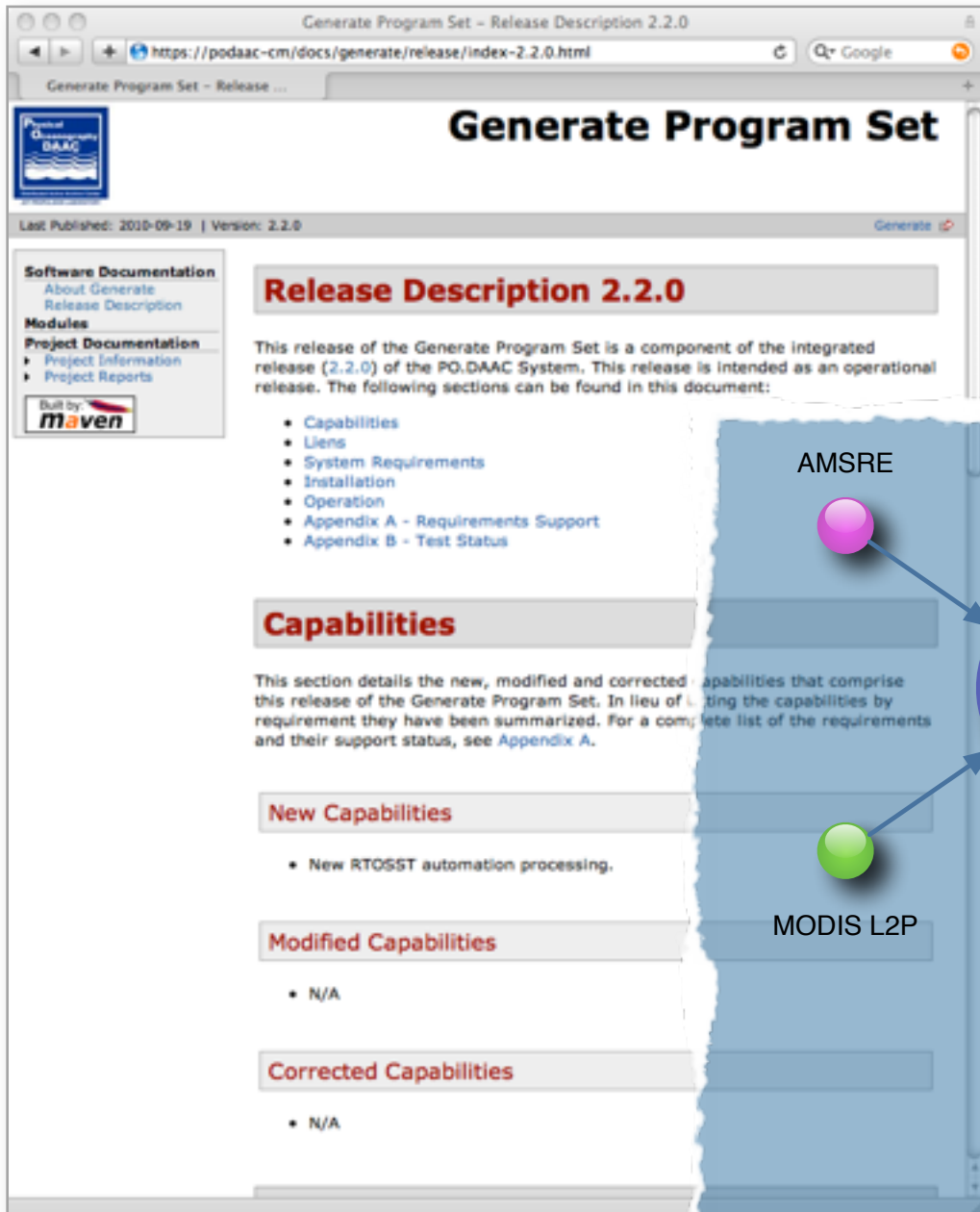
- **New Capabilities**
 - OSU Costal Altimetry handler (promoted to v2.1.1)
 - GHRSSST FGDC generator and indexer to support L3P
- **Modified Capabilities**
 - Aquarius handler to support SIMULATED data, and checksum validation and detect changes to remote file
 - GHRSSST handler to support RTOSST data
 - GHRSSST FGDC generator to query region information from the new dataset_region table.
- **Corrected Capabilities**
 - Trac: [600](#), [606](#), [656](#)

Program Set: Distribute

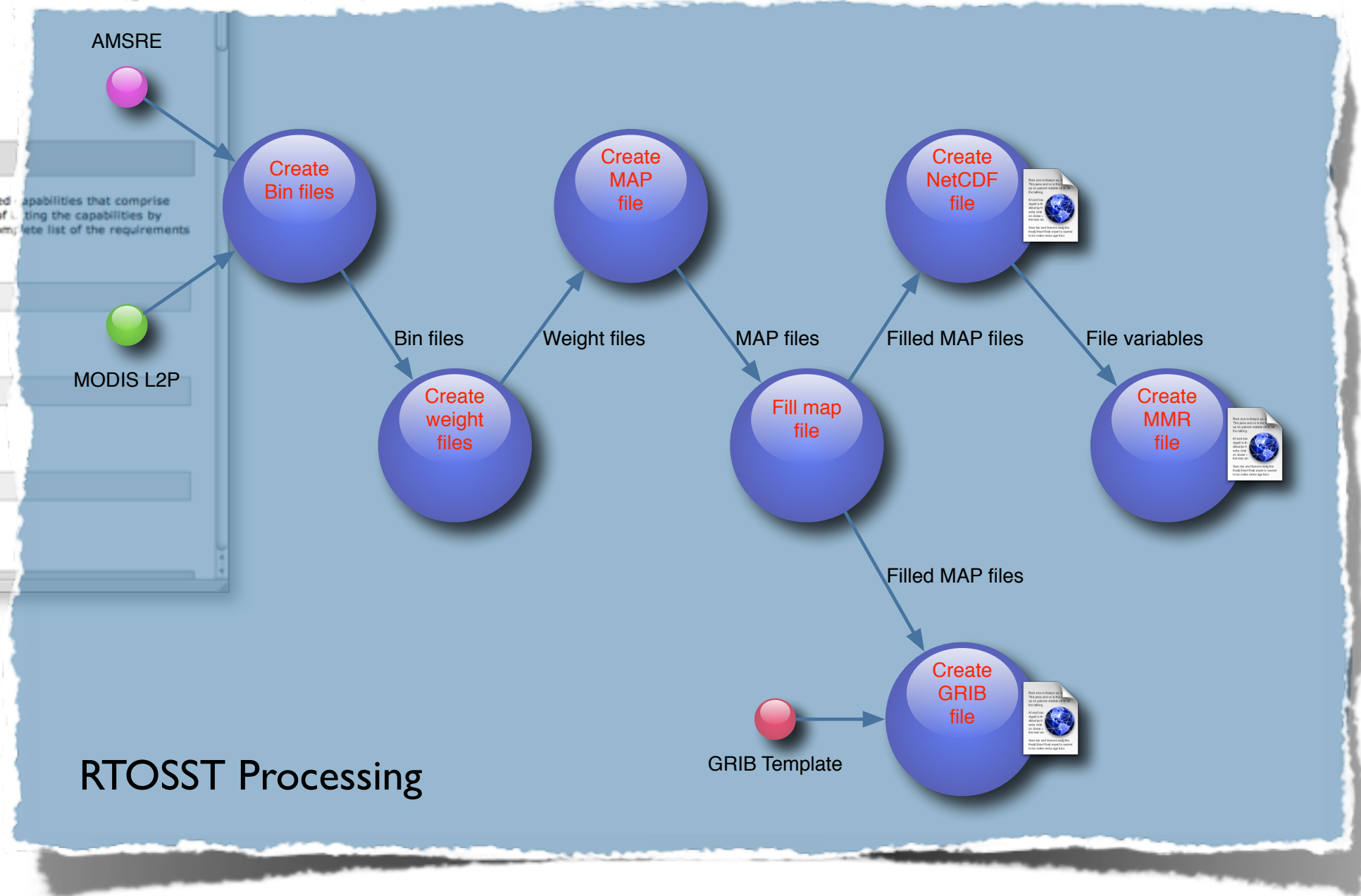


- **Modified Capabilities**
 - Trac: [555](#), [610](#).
- **Corrected Capabilities**
 - Trac: [424](#)

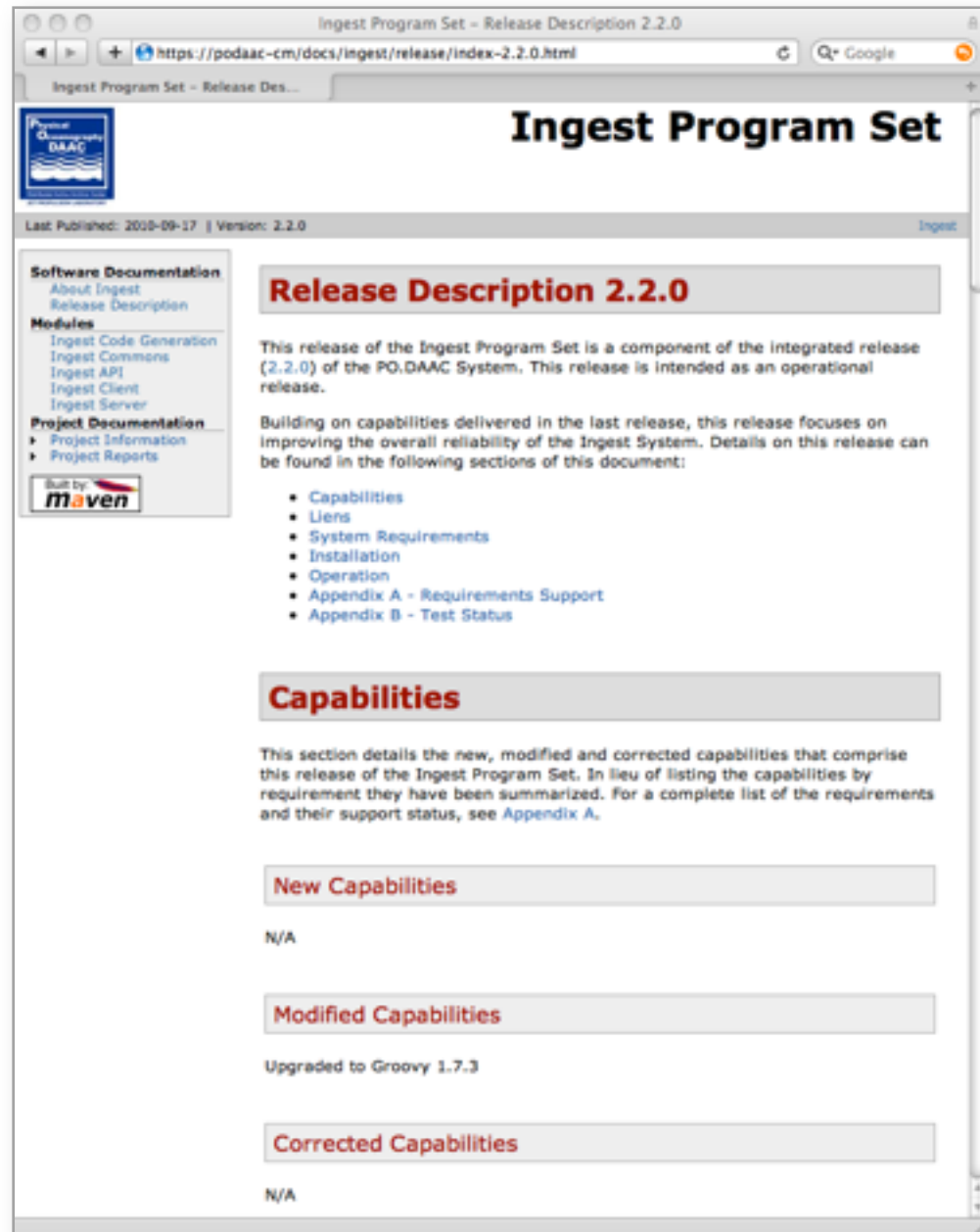
Program Set: Generate



- **New Capabilities**
 - New RTOSST module for automation on RTOSST processing

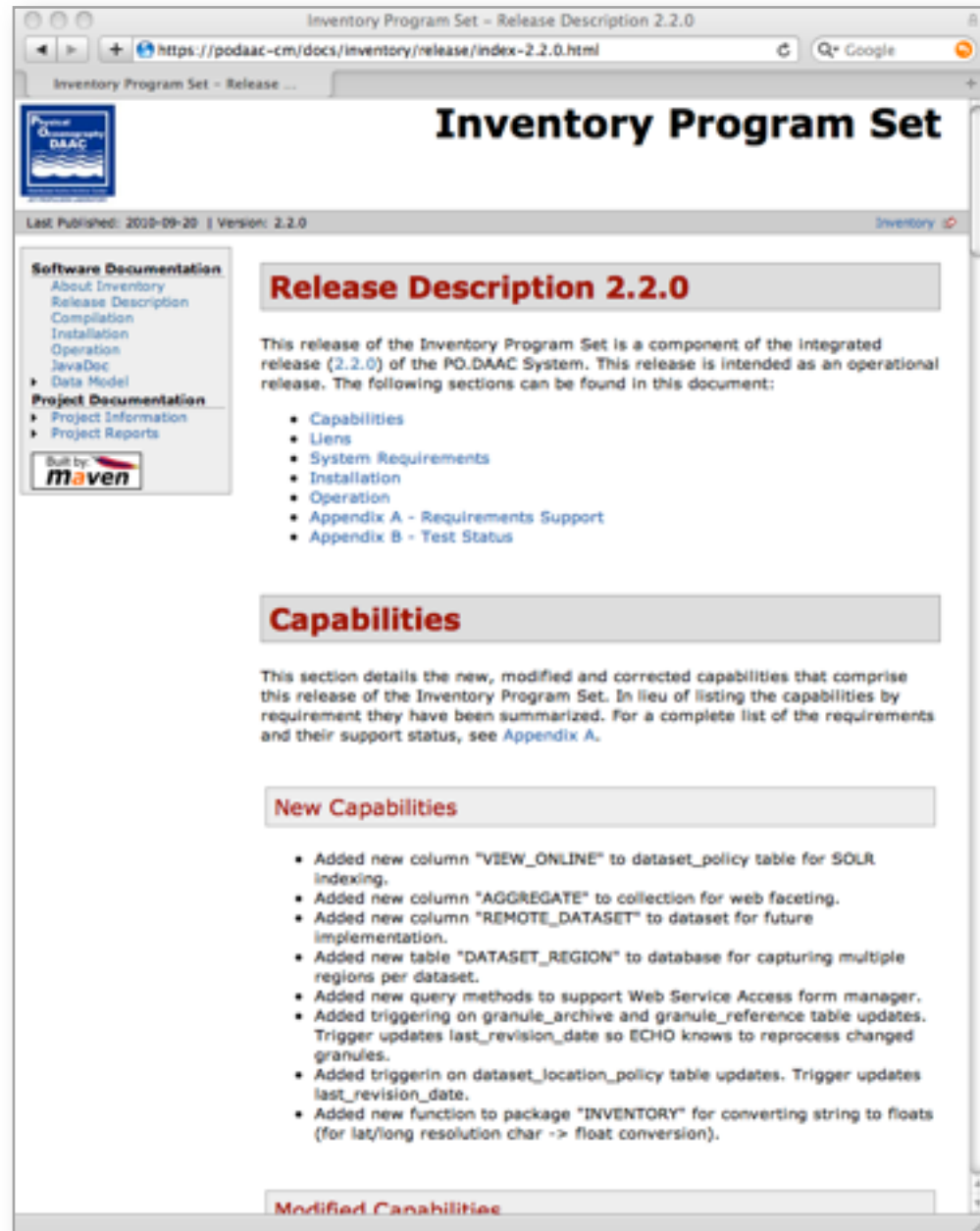


Program Set: Ingest



- No Change

Program Set: Inventory



- **New Capabilities**

- New DATASET_POLICY.view_online flag for SOLR indexing
- New COLLECTION.aggregate flag for building the collection facet
- New DATASET_REGION table for multiple region in a dataset.
- New query methods to support Manager in building new webservices
- New ORACLE triggers on GRANULE_ARCHIVE and GRANULE_REFERENCES tables for automatic updating the last_revision_date for ECHO export
- New ORACLE trigger on DATASET_LOCATION_POLICY.last_revision_date
- New function to convert string to float for LAT/LONG resolution -> float.

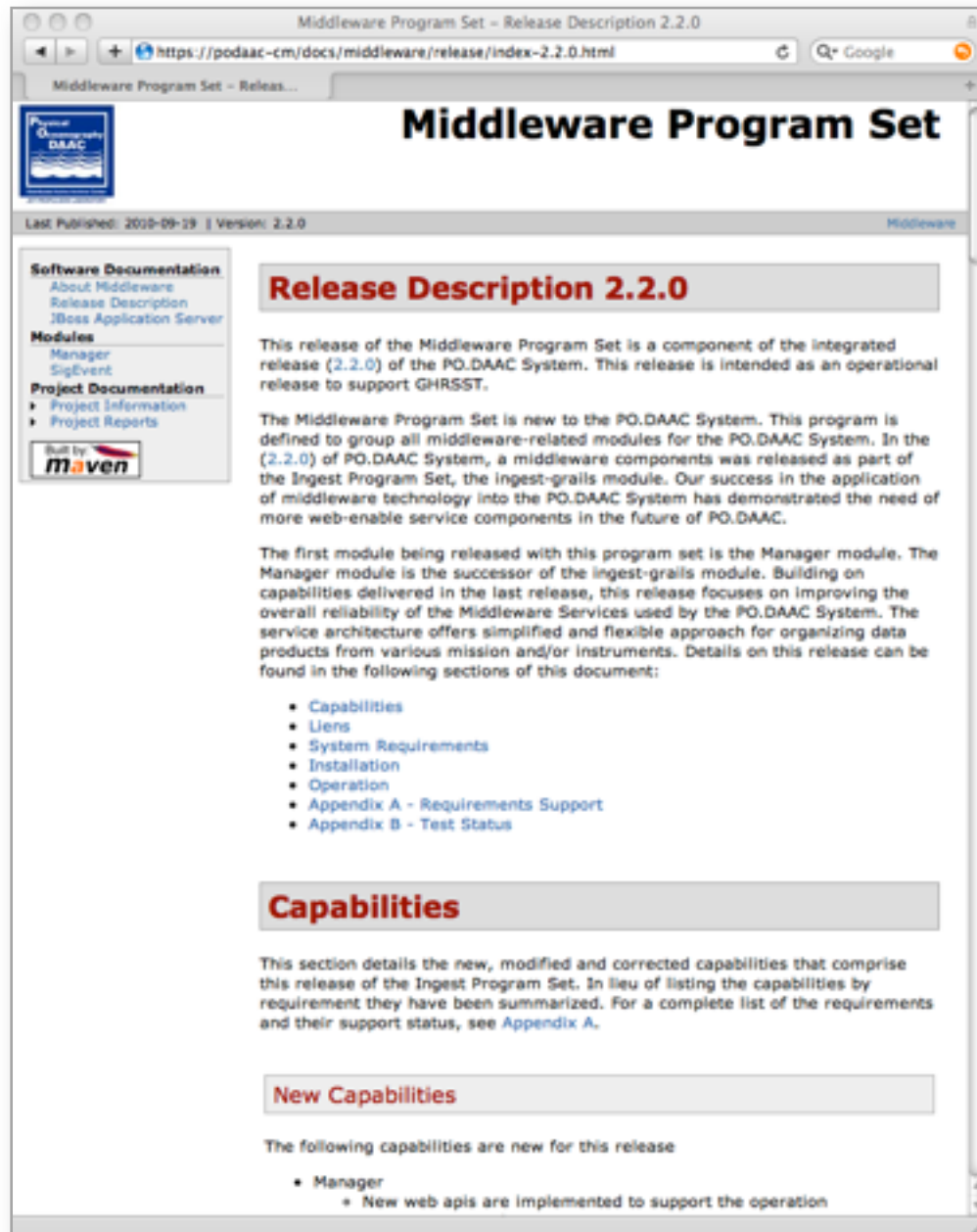
- **Modified Capabilities**

- New SIMULATED access type
- Added automatic creation of GRANULE_META_HISTORY entry for all granules
- LAT/LONG resolutions have been converted to float
- Trac: [573](#), [576](#)

- **Corrected Capabilities**

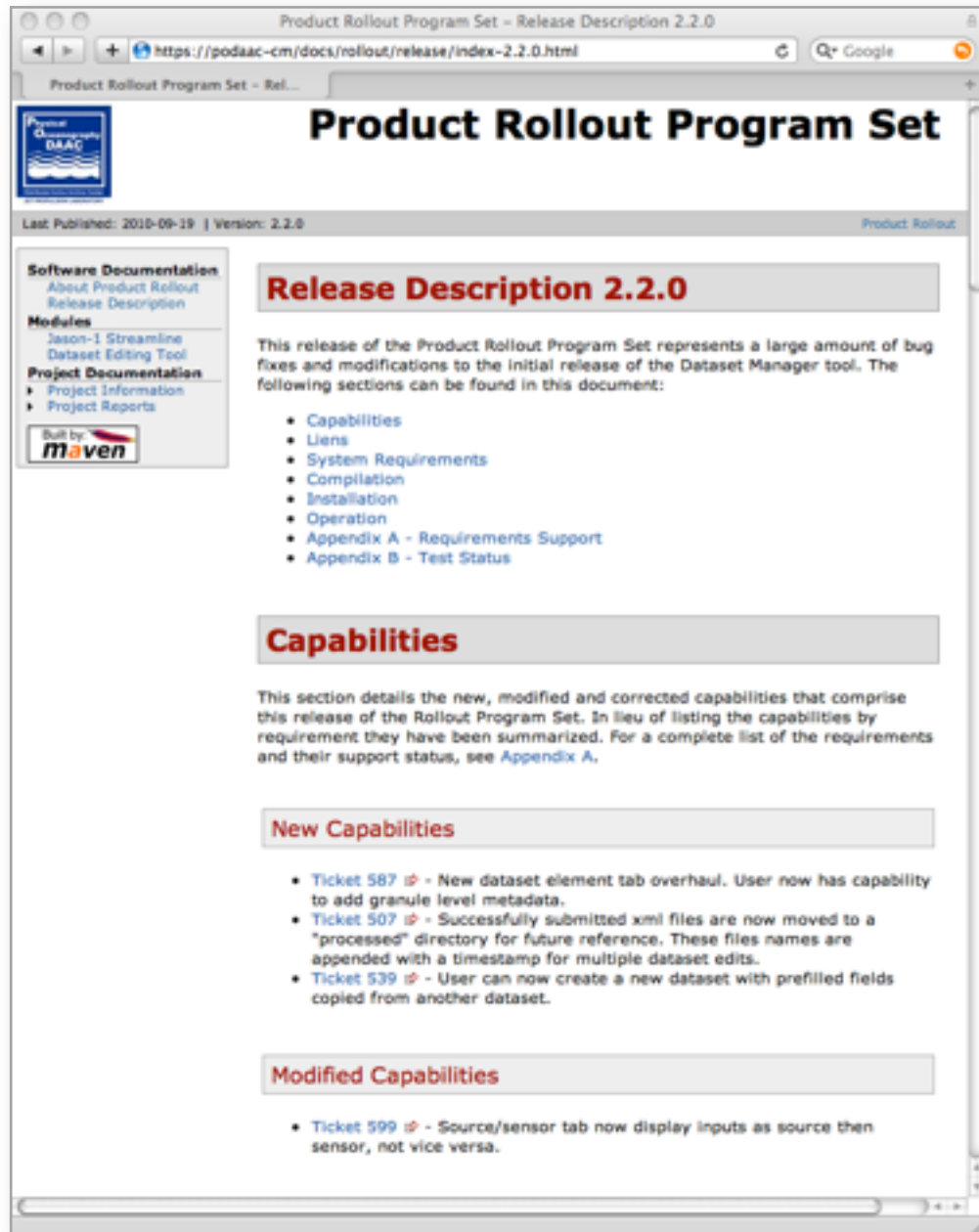
- Trac: [524](#), [614](#)

Program Set: Middleware



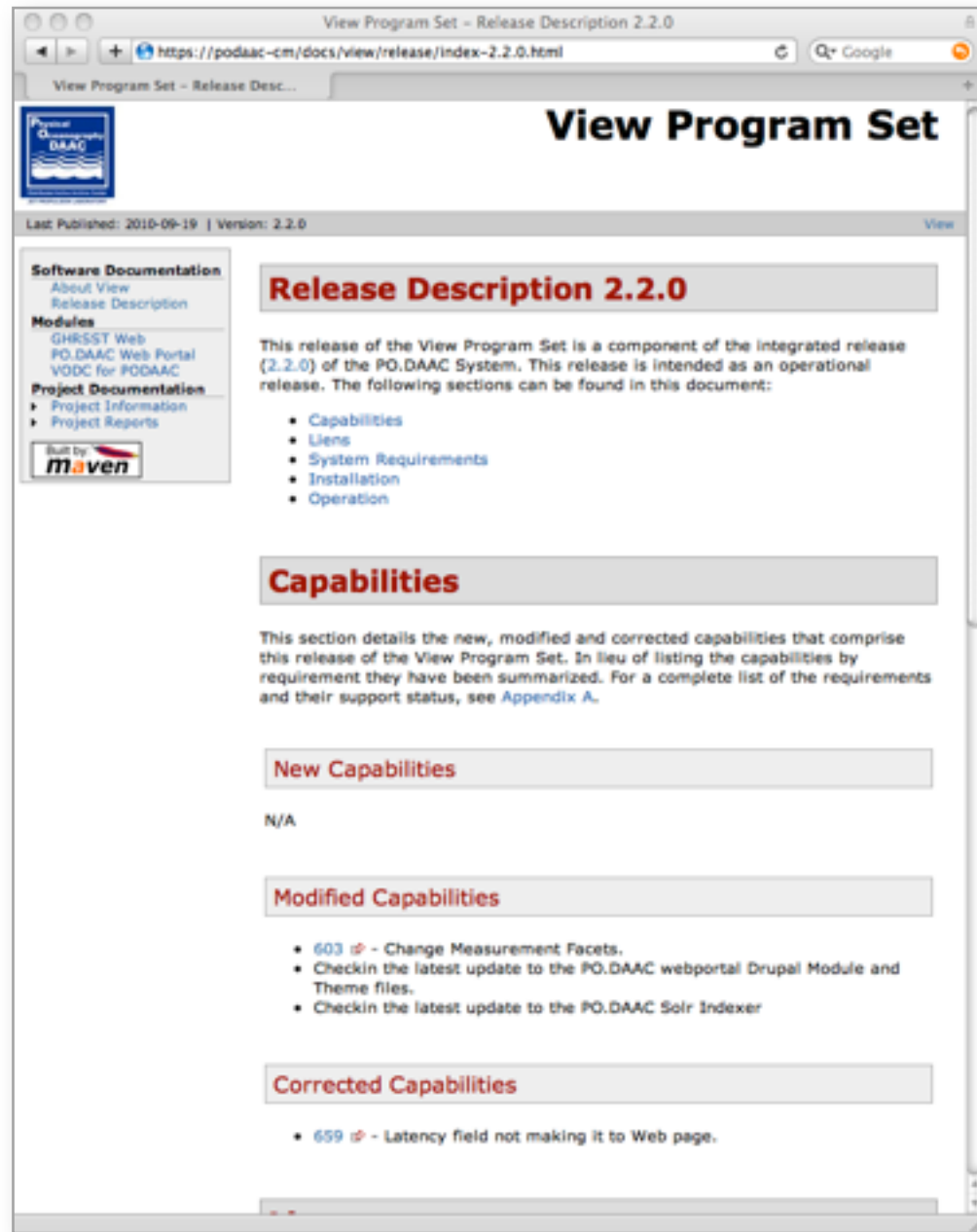
- **New Capabilities**
 - New webservice APIs to support DMAS Operator Tools
 - Added new product type and sigevent type to service bootstrap files.
- **Corrected Capabilities**
 - Trac: 449

Program Set: Product Rollout

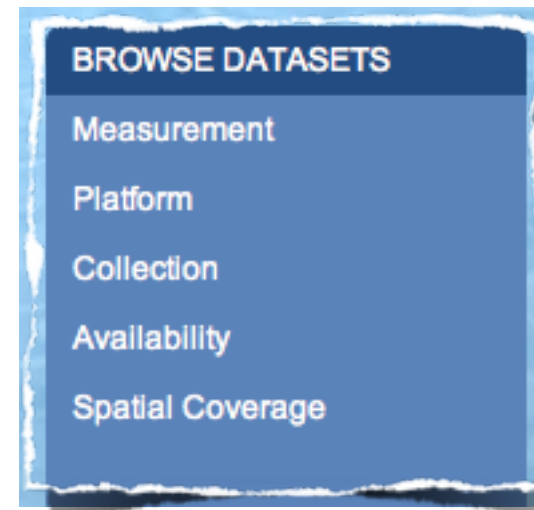


- **New Capabilities**
 - Trac: [507](#), [539](#), [587](#)
- **Modified Capabilities**
 - Trac: [599](#)
- **Corrected Capabilities**
 - Trac: [514](#), [519](#), [525](#), [526](#), [536](#), [538](#), [549](#), [550](#), [551](#), [556](#), [568](#), [578](#), [608](#), [612](#), [662](#), [667](#)

Program Set: View



- **New Capabilities**
 - New project collection facet
 - New availability facet
- **Modified Capabilities**
 - Updated portal themes and modules
 - Trac: 603
- **Corrected Capabilities**
 - Trac: 659



List of Addressed Trac Tickets

Trac #	Reporter	Title
359	Irodrig	Dataset Manager: create a copy of a dataset
424	finch	ECHO: duplicate granules
449	Irodrig	Change SigEvent Email wording from product to granule
451	Irodrig	sig event notifications list seems limited to 10
507	ymchen	Dataset Manager Tool needs timestamp for xml file
514	ymchen	Dataset Manager Tool xml file missing edit dataset information
519	dmoroni	DMAS Metadata Tool Doesn't Allow Creation of New Collections
524	dmoroni	Unresolvable DMAS Submission Error
525	ymchen	Dataset Manager Tool issue with escaping quotes
526	ymchen	Dataset Manager Tool creates mangled XML file after java error
536	ymchen	Dataset Manager Tool doesn't delete collection from dataset
538	ymchen	Dataset Manager Tool not saving Across, Along Track Resolution
539	dmoroni	Drupal Web Page Display Errors
549	jhausman	along and across track format
550	jhausman	Create copy function/button in rollout tool
551	jhausman	near real time field in rollout tool and webpage
555	Irodrig	fix typo in distribute logging message
556	abingham	Text for Dataset List page
568	gfoti	temporal resolution not making it to data set page
573	Irodrig	allow NONE as valid append type
576	earmstro	Change for fields dataset_citation.publisher and dataset_citation.release_place
578	dmoroni	Display Units for Spatial Resolution in Drupal
587	Irodrig	data element entries for granule metadata bounding box info
599	earmstro	Modifications to DM tool for source/sensor
600	mcknight	Ghrsst data handlers having problems on DMAS 2.1.1
603	abingham	Change Measurement Facets
608	ymchen	Dataset Manager Tool 2.1.1 drops collections and product_ids
610	Irodrig	please report the dataset name that the datacast tool was called with in the log file
612	jhausman	temporal resolution for OST products
614	cchen	granule metadata for bounding box not fully captured causing FGDC to fail
659	earmstro	Latency field not making it to Web page
662	dmoroni	Dataset Manager Tool - Citation: Release Date Bug
667	ymchen	Dataset Manager - Don't submit incomplete XML to live Ops database (rollback)





dmas - thuang - 09212010

