Earthdata UTC Meeting 3.31.2015

- 1. Attendance
- 2. EMS Status
- 3. URS
- 4. Earthdata
  - CMR/ECHO System Status
  - CMR/ECHO Release Status
- 6. GIBS
- 7. Open Floor

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

3. URS

For further information, please email Peter Smith (peter.l.smith@nasa.gov) or Ken Cockerill (kenneth.l.cockerill@nasa.gov)

- **URS homepage has been rebranded as Earthdata Login (per ESDIS request)**
- **URS Integration Information on SSO and the API's can be found on** Wiki
- **URS4 Development**

In Production(Release 4.26.1)

4. Earthdata

Primary focus is currently on the Earthdata Redesign:

- **Redesign is largely complete from a *design* perspective**
- **Earthdata Redesign "Steering Committee" selected and meeting to determine content and go-live additions**
- **Focusing on a "Release and Refine" strategy with emphasis on "refine" and frequent content releases**

Additional development activities include:

- ECC bugs and general improvements
- Increased support for deployment of non-EED applications currently in the ECC

5. CMR/ECHO - Doug Newman

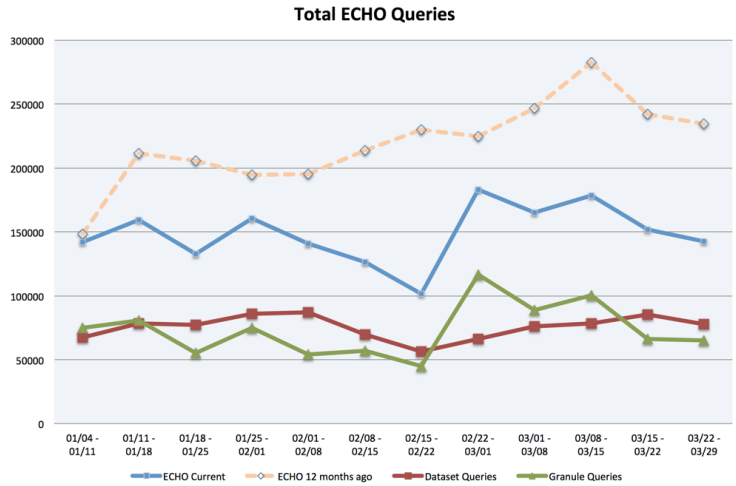
CMR/ECHO System Status

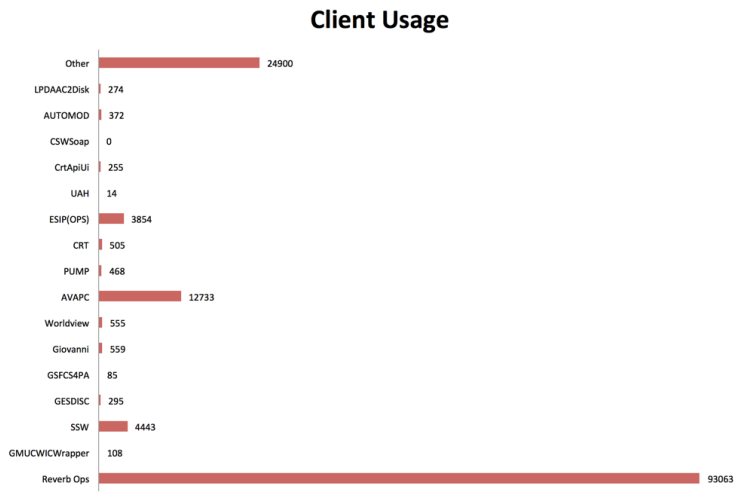
ECHO has been returning results from CMR since January 12, 10am ET

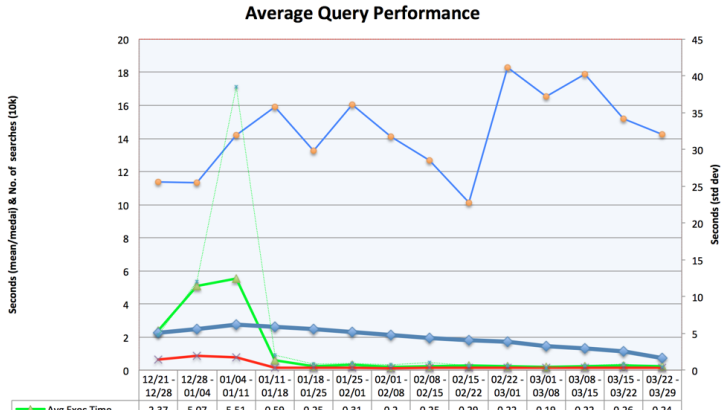
System Issues

- 03/23/15 Earthdata-wide EBNet outage 4:36pm - 5:11pm ET
- 03/25/15 - 03/26/15 ECHO Outage 6:50pm - 1am ET performance issues, 1:04am - 1:28am outage due to cold restart

Recent Metrics







	12/21 - 12/28	12/28 - 01/04	01/04 - 01/11	01/11 - 01/18	01/18 - 01/25	01/25 - 02/01	02/01 - 02/08	02/08 - 02/15	02/15 - 02/22	02/22 - 03/01	03/01 - 03/08	03/08 - 03/15	03/15 - 03/22	03/22 - 03/29
Avg Exec Time	2.37	5.07	5.51	0.59	0.25	0.31	0.2	0.25	0.29	0.22	0.19	0.22	0.26	0.24
Median Exec. Time	0.63	0.88	0.75	0.14	0.12	0.13	0.11	0.13	0.14	0.14	0.13	0.13	0.13	0.13
Totals (*10k)	11.3942	11.3195	14.2211	15.9255	13.2581	16.0521	14.0957	12.6549	10.1313	18.304	16.521	17.8671	15.1966	14.2483
12 Wk Avg	2.264	2.463	2.743	2.604	2.477	2.283	2.108	1.954	1.809	1.694	1.454	1.289	1.113	0.711
Exec Time Std. Dev.	4.73	12.03	38.57	2.01	0.82	0.95	0.72	1.06	0.67	0.57	0.3	0.57	0.79	0.42

CMR/ECHO Release Status

If you are having trouble seeing these issue, please ensure you are logged-in. If you still are having problems, please email kathleen.baynes@nasa.gov

In Production: 10.91

Sprint ended February 23

Key	Summary	Status
ECHO-40	Reverb is not rendering granules correctly in map view	VERIFIED: EXTERNAL
ECHO-229	Extend field length of /Collection/Description ECHO10 schema to accommodate 12000 characters	VERIFIED: INTERNAL
ECHO-230	Need ability to toggle virtual tags through ECHO REST interface	VERIFIED: INTERNAL
ECHO-231	Drop Down Selections in Reverb Forms should allow blank values	VERIFIED: INTERNAL
ECHO-232	ESI Form - Change coordinate input for spatial subsetting	VERIFIED: INTERNAL
ECHO-233	Complex forms are slow to load and lockup on Internet Explorer and Firefox	VERIFIED: INTERNAL
ECHO-238	Legacy ingest should fail when check for existing CMR concept ID fails	VERIFIED: INTERNAL
ECHO-241	Error modifying order options in PUMP	VERIFIED: EXTERNAL
ECHO-245	Catalog-rest should use the user token when ingesting/deleting from CMR	VERIFIED: INTERNAL
ECHO-248	Send collection metadata along with granule validation requests	VERIFIED: INTERNAL
ECHO-255	SMAP granule validations fail	VERIFIED: INTERNAL

In Test: 10.92

Sprint ended March 6

Key	Summary	Status
ECHO-223	ECHO forms Schema should be updated to match implemented features	VERIFIED: EXTERNAL
ECHO-228	Back button to Perform Services clears out option form	IN PROGRESS
ECHO-243	Improving Reverb Metrics via Google Analytics	VERIFIED: EXTERNAL
ECHO-244	Reverb searches small, but not small enough, bounding boxes when users ask for points, producing non-matching search results	VERIFIED: INTERNAL
ECHO-251	Investigate unclustering ECHO torquebox cache/messaging/etc	CLOSED
ECHO-253	CMR CI builds should pull latest CMR version automatically	VERIFIED: INTERNAL
ECHO-257	PUMP cannot render option assignments for NSIDC_TS1	VERIFIED: EXTERNAL
ECHO-261	Reevaluate usage of system or client token on CMR propagation	VERIFIED: INTERNAL
ECHO-265	Reverb should display unsplitted input bounding box in global view	VERIFIED: INTERNAL

In Test: 10.93

Sprint ended March 20

Key	Summary	Status
ECHO-270	Reverb Granule Map View draws bounding box incorrectly in PT and TB	READY FOR TEST
ECHO-266	Map widget loads incorrectly in ECHO forms	READY FOR TEST
ECHO-263	Audit SOAP API to determine what features are only accessible via SOAP API	READY FOR TEST
ECHO-260	Reverb is not applying granule id clause to granule query when saving as csv	READY FOR TEST
ECHO-259	Reverb NRT Hovertext Updates	READY FOR TEST
ECHO-258	MISR NRT type missing from Reverb	READY FOR TEST
ECHO-95	Advanced Query Saving	READY FOR TEST
ECHO-96	Selecting very large quantity of Science Keywords does not allow granule searching in Reverb.	READY FOR TEST
ECHO-88	ECHO 10.82.6. Granule failing ingest at ECHO that succeeded previously	VERIFIED: EXTERNAL
ECHO-262	BMGT Unable to delete collections with Long names that are 1024 characters long	READY FOR TEST
ECHO-273	ACLs with no access control entries should not cause ACL cache failure	READY FOR TEST

In Development: 10.94

2 week Sprint, ending April 3

Key	Summary	Status
ECHO-252	Diagram and document interactions between ECHO components	APPROVED
ECHO-167	Reverb taking too long to place an order	APPROVED
ECHO-282	Perform OS updates on ECHO Oracle vagrant VM	READY FOR TEST
ECHO-274	Echo-deployments should not remove reverb from the HA proxy when recycling a kernel on the same node.	IN PROGRESS
ECHO-287	Node drops out of cluster and won't rejoin until coordinator node is recycled.	APPROVED
ECHO-288	Workload runs are failing due to a dying ingest driver worker process.	IN PROGRESS
ECHO-281	Prevent orders from becoming stuck when quartz trigger count hits 9999999	APPROVED
ECHO-268	Dataset passes validation but fails FTP ingest	READY FOR TEST
ECHO-289	Fix issues in ECHO CI	IN PROGRESS
ECHO-1	Reverb should no longer require address for ordering	APPROVED
ECHO-280	VersionDescription attribute maximum length should be increased	READY FOR TEST
ECHO-267	Unused space in ECHO forms	READY FOR TEST
ECHO-239	ECHO Forms bug in AST forms	APPROVED
ECHO-264	Browse Image does not show up in api-test Reverb for our LPDAAC_TS2 provider	READY FOR TEST
ECHO-256	Upgrade Workload's deployment tasks and hardware/software environment to match Ops	APPROVED
ECHO-276	Migrate ECHO code base to ECC	IN PROGRESS

Upcoming Events

Planned Maintenance

01 Apr 2015

- ECHO 10.92 to Operations
- CMR 1.20 to PROD

08 Apr 2015

- EDSC 0.28 to PROD
- EDSC 0.30 to UAT
- Misc. OS patching requiring outage of ECHO in Partner Test and Test Bed

6. GIBS

- **New/Planned Products**
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Awaiting Atmosphere imagery updates.
    - Evaluating land imagery test run. Coordinating updates.
  - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief, Colored Index
    - Processing Quadrant 1 of Shaded Relief imagery.
- **GIBS Technical Working Group**
  - Next Topic - Visualization Metadata
    - Details forth coming
- **GIBS New Production Release**
  - External UAT - April '15
  - Transition Plan Draft - April '15
- **General**
  - Final final ICD version released in COMET and awaiting review.
  - BEDI - Reminder to submit ICD Appendix.

7. Open Floor

Special Topic: OPeNDAP URLs in Metadata

Special Topic: echo-all mailing list