Earthdata UTC Meeting 09.01.2015

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- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search
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  - CMR Release Status
  - Earth Data Search Release Status
  - ECHO/Reverb Release Status
- 7. GIBS
- 8. Open Floor

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1. Attendance

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

2. EMS Status

Nelson Casiano

- **ECS 8.3.4 DAACs Testing/Transition to Operations**
  - NSIDC - In operations
  - LARC ASDC - In operations
    - Corrected issue with incorrect user type.
  - LP DAAC - In operations
- **Upcoming/Ongoing Activities with Data Providers**
  - MODAPS - Setting up new provider (MODAPSNRT3)
  - OBPG - Changing provider name (OB.DAAC)
  - GHRC - Adding AMSR2NRT to EMS
  - OpeNDAP Metrics in EMS - process will be defined by ESDIS/Data Providers

3. Earthdata Login

Peter Smith

Kenneth Cockerill

- **URS Integration Information on SSO and the API's can be found on** Wiki
- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki
  - Get in touch (Peter Smith or Stanley Stewart) if you are having trouble accessing any of the Wiki areas
- **URS4 Development**
  - Current Sprint 2.54
  - In Production(Release 4.34)

4. Earthdata

Brett McLaughlin

System Issues

EI-4057 - JIRA project doesn't exist or you don't have permission to view it.

Starting 8/31, GSA is no longer returning search results for site content. SAs are working with GSA support to resolve.

- **Earthdata Content**
  - Meeting with NASA customer (Steve Berrick) to discuss content needs in 2015 and beyond on 8/21/2015
- **Earthdata Website**
  - Earthdata 3.0 out and being updated in real-time (front-page images, featured articles, etc.)
  - Conduit (content management system for Earthdata) evolving to better support content needs
    - Contact Ross Bagwell for training and access
      - EMail: ross.bagwell @ nasa.gov
      - Phone: (301) 614-5036
- **ECC**
  - Rolling out ECC project visibility changes (9/3)
  - Continued on boarding of new projects
    - Reminder: JIRA (issue tracking), Confluence (wiki), Stash (git repository),

Bamboo (testing and deployment)

- Interested? Contact support@earthdata.nasa.gov and visit https://ecc.earthdata.nasa.gov

5. User Support Tool

Stanley Stewart

User Support Ticket Since Last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User
ASDC	29	3		3	2	
ASF		1				
CDDIS				1		
ECC	3					
ECHO						1
ESO				1		
Earthdata	7	1		2		
Earthdata Search	1	1		1		
FIRMS	7		1	1		3
Feedback Module				1		
GCMD	5	1				
GES-DISC	1					
GHRC	6			3		
GIBS	1					
LPDAAC	46	1	1	3	1	1
ORNL DAAC	3			1		
PO.DAAC	9			4		

PO.DAAC Forum	1					
Rapid Response	2					
Reverb	4					
URS	40	1		2		1
Worldview	5					
Totals	170	9	2	23	3	6

6. CMR/ECHO/Earthdata Search

Doug Newman

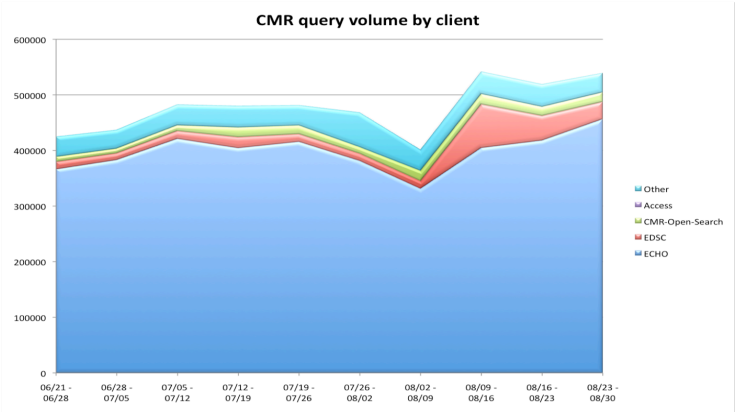
CMR/ECHO System Status

System Issues

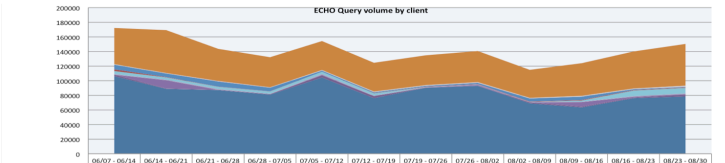
- DNS issues from noon ET 08/29 to 10am ET 0831 caused sporadic failures for Earthdata service access

Recent Metrics

CMR client usage

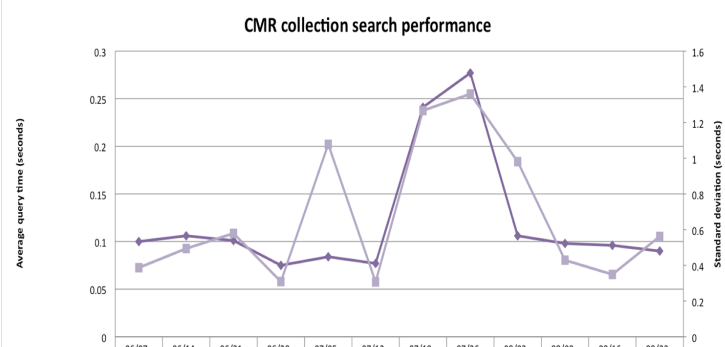


ECHO Client Usage

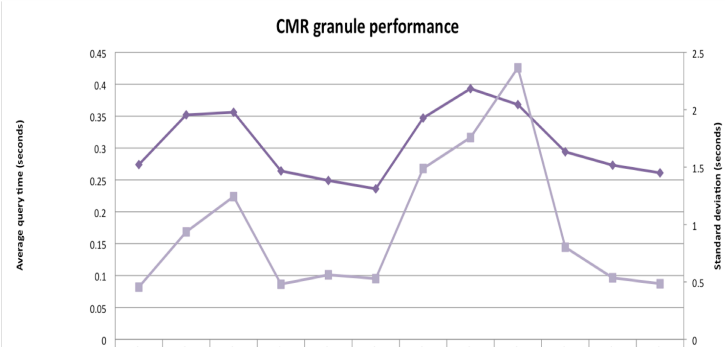


	06/07 - 06/14	06/14 - 06/21	06/21 - 06/28	06/28 - 07/05	07/05 - 07/12	07/12 - 07/19	07/19 - 07/26	07/26 - 08/02	08/02 - 08/09	08/09 - 08/16	08/16 - 08/23	08/23 - 08/30
Other	49519	58804	44048	41248	39763	39450	40922	42643	38404	44783	50780	57212
LPDAAC2Disk	457	266	179	258	397	411	397	293	390	571	438	518
AUTOMOD	78	60	78	60	138	78	78	78	79	78	78	802
CSWSoap	0	0	0	0	0	0	0	0	0	0	0	0
CrtApiUi	154	188	409	160	202	318	382	535	284	359	271	200
UAH	35	34	35	35	35	35	35	35	35	35	33	35
OpenSearch	0	0	0	0	0	0	0	0	0	0	0	0
CRT	6407	4928	7076	4993	1533	1257	1223	1787	4165	4619	1243	782
PUMP	2362	473	257	235	61	343	377	377	564	699	641	573
EDSC	0	0	0	0	0	0	0	0	0	0	0	0
MODAPS	0	0	0	0	0	0	0	0	0	0	0	0
CWICTest	0	0	0	0	0	0	0	0	0	0	0	0
AVAPC	4139	3098	3098	3098	3098	3098	0	0	0	1549	7745	7752
Worldview	720	736	863	433	979	645	769	583	515	604	740	798
Giovanni	0	0	0	0	0	0	0	0	0	0	0	0
GSFCS4PA	43	58	45	46	53	34	62	61	43	40	56	55
GESDISC	9	11276	4	0	708	30	22	1105	0	6082	1144	814
SSW	0	0	0	0	0	0	0	0	0	0	0	0
CWICSOAP	0	0	0	0	0	0	0	0	0	0	0	0
CWICPROD	0	0	0	0	0	0	0	0	0	0	0	0
GMUCWICWrapper	2140	533	461	787	3030	2825	133	314	1361	1175	898	2468
Reverb	106180	88843	87179	80911	104359	76123	90490	92906	69121	63479	76055	78411

CMR Query Performance



	06/07 - 06/14	06/14 - 06/21	06/21 - 06/28	06/28 - 07/05	07/05 - 07/12	07/12 - 07/19	07/19 - 07/26	07/26 - 08/02	08/02 - 08/09	08/09 - 08/16	08/16 - 08/23	08/23 - 08/30
Average	0.1	0.106	0.101	0.075	0.084	0.077	0.241	0.277	0.106	0.098	0.096	0.09
Standard Deviation	0.387	0.494	0.579	0.309	1.078	0.307	1.267	1.36	0.981	0.429	0.349	0.562



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Average	0.274	0.352	0.356	0.264	0.249	0.236	0.347	0.393	0.368	0.294	0.273	0.261
Standard Deviation	0.455	0.936	1.243	0.48	0.562	0.529	1.488	1.758	2.365	0.802	0.536	0.484

CMR Release Status

In Production: 1.31

CMR-1902	As a client user, I want search to reject all revision searches in unsupported formats.
CMR-1901	As a client user, I want to retrieve concept revision search results in concept map format.
CMR-1871	As an Ingest User, I want granules with temporal to be rejected if the parent collection has no temporal.
CMR-1844	Virtual Product granule entry transformation end-point returns null entries for non-virtual collections if there are multiple granules from the collection
CMR-1781	As a client user, I want to receive the number of hits a concept revision search matched.
CMR-1778	As an Ingest Client User, I want to be able to sort collection concept revision search results by revision date
CMR-1777	As an Ingest Client User, I want to be able to sort collection concept revision search results by Entry Title
CMR-1771	As a client user, I should only find concept revision results for which I have read permission.
CMR-1748	As a client user, I want to know how long a find took when finding concept revisions
CMR-1747	As a client user, I should be able to specify a page number and page size when finding concept revisions
CMR-1418	As an Ingest Client User, I want to be able to search for collection concept revisions by revision date.
CMR-1416	As an Ingest Client User, I want to be able to search for the latest collection concept revisions.

In UAT/SIT: 1.32

CMR-1942	Hierarchical Science Keywords search returns only first 10 entries
CMR-1936	As a client, I want to be able to search using terms from each level within the platform hierarchy using the JSON Query API
CMR-1924	As a Client User, I should receive an error message if the metadata I'm attempting to translate is invalid.
CMR-1915	As a Client User, I want to be able to retrieve the id of the user that updated the metadata as part of the UMM JSON response.
CMR-1888	As a client, I want to retrieve platform facets in a hierarchical fashion.
CMR-1871	As an Ingest User, I want granules with temporal to be rejected if the parent collection has no temporal.
CMR-1870	Add support for deleting superseded revisions from the All Revisions search index
CMR-1867	As a client user, I want to be able to retrieve UMM JSON with temporal extent
CMR-1846	As a client user, I want to be able to retrieve UMM JSON with quality
CMR-1746	Revision date is lost from ISO to ECHO 10 conversion

Earth Data Search Release Status

In Production: 0.40

EDSC-684	Combination of facets searching returns 0 hits
EDSC-681	Datasets with spatial constraints that are too small to shown on the map or mini map
EDSC-676	As a user, I want Category facets hidden so I may focus on facets with more relevant features
EDSC-630	Look at analytics to identify trouble areas
EDSC-541	Obtain approval to release the client as open source

In UAT/SIT: 1.0

EDSC-702	As an open source developer, I want a contributor guide for Earthdata Search so I may understand how to contribute code
EDSC-701	As an open source developer, I want the forms plugin used by Earthdata Search to be publicly available
EDSC-700	As an open source developer, I want markdown-based documentation of Earthdata Search style conventions so I may contribute consistent code
EDSC-696	As a developer, I want to obtain the Earthdata Search source from a publicly accessible repository
EDSC-676	As a user, I want Category facets hidden so I may focus on facets with more relevant features

ECHO/Reverb Release Status

In Operations: 10.103

ECHO-446
EndDateTime in temporal range of ASTER GED data in Reverb is wrong

ECHO-437
Pump throws exception when accessing DataQualitySummaryAssignments of a cmr-only provider

ECHO-436
ESI: Difficult to tell when Upload ECHO form for Collection was last performed

ECHO-399
As a Provider, I want ordered Virtual Product Granules to be sent to my Order Fulfillment endpoint with the ids of their original source gra…

In Partner Test and Test Bed: 10.104

ECHO-476	Turn off elastic in Testbed and verify everything works
ECHO-470	Creating a provider should set up ACLs in the default manner automatically
ECHO-468	Long running ESI processing results in "Failed" message in Reverb GUI
ECHO-456	Increase DataCenter field length to 240 characters
ECHO-447	Users cannot (de)select all applicable bands in dynamic tree extension
ECHO-436	ESI: Difficult to tell when Upload ECHO form for Collection was last performed
ECHO-435	PUMP shows performance issues with some tasks when there are many providers
ECHO-399	As a Provider, I want ordered Virtual Product Granules to be sent to my Order Fulfillment endpoint with the ids of their original source granules and the appropriate option selection.

7. GIBS

Matthew Cechini

- **New/Planned Products**
  - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief
    - Available in GIBS operational services.
    - Worldview updates are underway
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Addressed AOD team's feedback re: AOD and AE color scaling. Pending next round of test imagery.
    - Land imagery test under internal review. Waiting for MODAPS to send link to science team and DAACs.
  - BEDI Activities - Reviewing sample imagery for the following instruments:
    - OMI - GES DISC
    - CERES - ASDC
    - MOPITT - ASDC
    - MISR NRT - ASDC
    - SSM - NSIDC
- **GIBS New Production Release**
  - Performing full integration and performance testing
  - Preparing for transition to new hardware for production imagery
  - SIPS GeoTIFF, WMS/CMR, & FTP handler preview releases delivered and being integrated by development team. (No Change)

8. Open Floor

It's time to start planning for the November SE TIM meeting at GSFC.

Dates: November 3-5, 2015

Register at SE TIM Attendees November 2015

Vote for / Propose topics at SE TIM Proposed Topics November 2015

Earthdata Search Client Open Source Discussion

Presented by Patrick Quinn

https://github.com/nasa/earthdata-search

Actions from last UTC meeting (8/18/15):

1. (from Daniel at NSIDC): Discuss with ESDIS what the plans are for representing OPeNDAP metrics in EMS
   STATUS: Plans for representing OPeNDAP metrics in EMS will be a topic at November Systems Engineering TIM (see proposed Data Access topic)
2. (from Matt at LPDAAC): Determine how to find out which bugs and features are included in each release of EDSC
   STATUS: We will add ECHO-like release content information on the UTC page; we are planning to create Release Notes wiki pages for each product, containing a summary of the key changes in the release, and a specific list of bugs and features from JIRA.
3. (from Lori at CDDIS): Get more information on the workflow for content owners to update Earthdata pages, and on training for how to use the Content Management System (Conduit) to do this.
   STATUS: Contact Ross Bagwell for information and training.

UTC Survey coming soon.