Earthdata UTC Meeting 5.12.2015

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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

- The EMS Team is working through some firewall issues for testing the EDF 8.3.4 code from the EMS UAT environment to the URS Partner Test logins.
- Web Metrics - Please contact EMS-Help if you are having problems with page tagging for web metrics or if you plan to make changes to your page tagging that could affect web metrics.

3. URS

Peter Smith

Kenneth Cockerill

- **Updated Apache URS authentication module available on ECC**
- **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 2.47
  - In Production(Release 4.29)

4. Earthdata

Brett McLaughlin

- Earthdata Redesign set for launch on May 28th
  - Content Task Force meeting weekly to clear remaining hurdles
  - Ongoing content and styling development to continue iteratively after launch
- ECC continuing integration with Bamboo for application deployments

5. CMR/ECHO/EDSC

Doug Newman

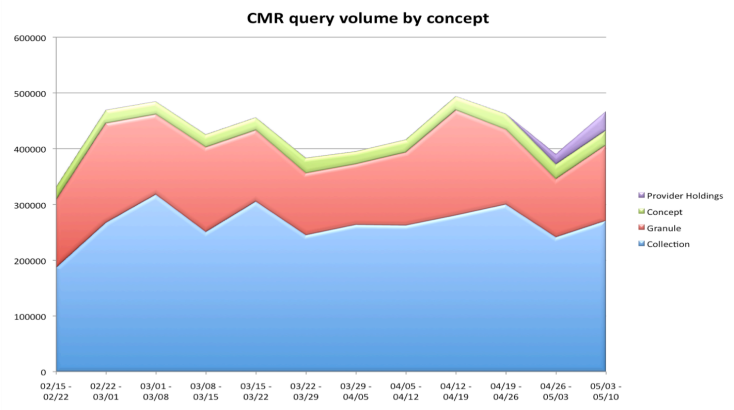
CMR/ECHO System Status

System Issues

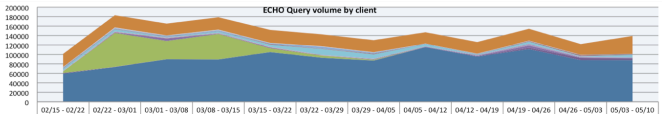
- 04/30/15 5:01 - 5:48pm ET - Accidental db operations ran in Operations during WKLD PM caused outage
- 05/06/15 8:33 - 8:50am ET - Lack of application of configuration patch caused ECHO and CMR outage during PM

Recent Metrics

CMR query break down

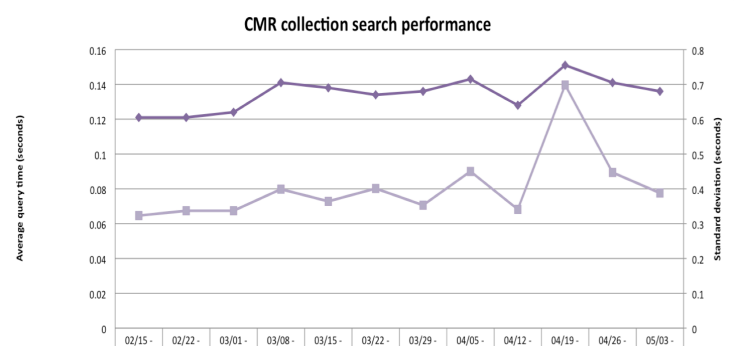


ECHO Client Usage



	02/15 - 02/22	02/22 - 03/01	03/01 - 03/08	03/08 - 03/15	03/15 - 03/22	03/22 - 03/29	03/29 - 04/05	04/05 - 04/12	04/12 - 04/19	04/19 - 04/26	04/26 - 05/03	05/03 - 05/10
Other	27831	25894	25027	26089	27647	24900	25337	23979	24343	25226	22395	37919
LPDAAC2Disk	242	352	434	735	390	274	407	111	333	318	264	165
AUTOMOD	78	838	214	78	78	372	48	18	78	108	78	78
CSWSoap	0	0	0	0	0	0	0	0	0	0	0	0
CrtApiUi	147	152	141	336	135	255	196	205	171	195	225	181
UAH	14	14	21	14	14	14	14	14	44	35	35	35
OpenSearch	1825	1493	1479	1816	1469	3854	2091	0	0	0	0	0
CRT	237	375	461	555	549	505	555	599	585	565	539	757
PUMP	837	549	399	195	867	468	1032	44	337	899	1390	676
EDSC	0	0	0	0	0	0	2	0	0	0	0	0
MODAPS	0	0	0	0	0	0	0	0	0	0	0	0
CWICTest	0	8	0	0	0	0	0	0	0	0	0	0
AVAPC	4647	4774	1549	3098	4647	12733	9294	4647	1549	4647	1549	5548
Worldview	622	873	777	975	581	555	709	452	1317	3193	1737	1387
Giovanni	575	637	649	563	568	559	323	0	0	0	0	0
GSFCS4PA	60	49	52	75	69	85	57	52	60	57	41	59
GESDISC	4	1572	5584	820	1657	295	1053	799	799	4632	760	40
SSW	3492	71630	38366	53722	8055	4443	1769	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	1477	475	187	157	166	108	242	512	957	2982	4815	4450
Reverb	59225	73355	89870	89443	105074	93063	86997	115552	95544	111498	87980	87822

CMR Query Performance



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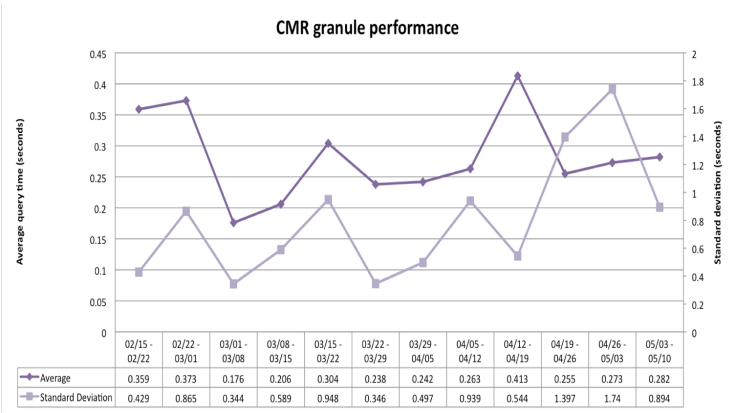
Average	0.121	0.121	0.124	0.141	0.138	0.134	0.136	0.143	0.128	0.151	0.141	0.136
Standard Deviation	0.323	0.337	0.337	0.399	0.364	0.401	0.353	0.45	0.341	0.698	0.447	0.388



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Average	0.359	0.373	0.176	0.206	0.304	0.238	0.242	0.263	0.413	0.255	0.273	0.282
Standard Deviation	0.429	0.865	0.344	0.589	0.948	0.346	0.497	0.939	0.544	1.397	1.74	0.894

CMR Release Status

Operational Release: **1.23**

UAT Release: **1.24**

In Development: **1.25**

Upcoming in June: Public Ingest Support in SIT environment (Stay tuned for more information)

ECHO/Reverb Release Status

In Operations: 10.95

Sprint Ended: 4/17/2015

Selected Issues

To Be Added Post Meeting

In Test: 10.96

Sprint Ended: 5/1/2015

Selected Issues

To Be Added Post Meeting

In Development: 10.97

Sprint Ending: 5/18/2015 (going to SIT/TB 5/18/15)

Selected Issues

To Be Added Post Meeting

Upcoming Events

Planned Maintenance

13 May 2015

- Test Bed / SIT OS patching (outage)
- EDSC 0.34 to Production. Likely there will be no 0.35 release

20 May 2015

- ECHO 10.96 to Operations, 10.97 to Partner Test
- CMR 1.24 to Production, 1.25 to UAT
- Partner Test / UAT OS Patching (outage)

6. GIBS

Matthew Cechini

- **New/Planned Products**
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Awaiting updates to atmosphere image generation for another review cycle with the science team.
    - Waiting for land surface temperature team feedback before another image generation review cycle.
  - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief, Colored Index
    - Reviewing generated GIBS layers & addressing image seams.
  - AMSR2 NRT - Testing new LANCE data products in GIBS test environment
    - Cloud Liquid Water
    - Surface Precipitation Rate
    - Surface Rain Rate
    - Wind Speed
    - Columnar Water Vapo
- **GIBS New Production Release**
  - Transition Plan Draft - Open for comments.
  - Targeting 1st/2nd week of June for transition.
  - WMS/CMR handler under development
- **General**
  - GIBS Imagery Provider ICD - Closed

7. Open Floor

Reminder: Earthdata Search continues to evolve

If you haven't checked it out in a while, or haven't been before, check it out!

search.earthdata.nasa.gov

Reminder: OPeNDAP URLs in Metadata

We have been putting together some documentation for this:

OPeNDAP, OpenSearch, and the CMR

Feel free to comment!