Weekly Sync: 2019-03-25 Meeting notes

Date

25 Mar 2019

Attendees

- Audy Barnett
- Brian Tisdale
- Matthew Tisdale
- Hyokyung Lee

Discussion items

- ESDSWG Recap
- Esri Meeting Upcoming
- Cumulus Installation Status
- PDS
- Collaborator Kick-Off (April Meeting?)
- Ramon AMI Answer

Past Action items

- Brian Tisdale and Audy Barnett to determine engagement with Cumulus through Reuse and Workflows subgroups
- Hyokyung Lee Determine if there is any annual meeting for GDAL folks.
 - goal-dev mailing
 list responded: http://
 wiki.osgeo.org/wiki
 /OSGeo_Community_
 Sprint_2019
- Audy Barnett To follow up with Esri group on actions and setting up recurring meeting.

New Action Items

CVV	Action nome
	Audy Barnett Check on WPS with GDAL connection
	Audy Barnett Invite Aaron to Esri Technical Call.
	Matthew Tisdale To add ESDSWG links to meeting minutes
	Matthew Tisdale Reply back to Ramon and set up call to disuss the Esri AMI/Chef book options.

Project Schedule	FY 2019								
Last Update: 25MAR2019	01			Q2			Q3		
Task	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF
1.0 Planning			•				•	•	
Define Transformation (Exercise)									
Transformation Workflows (Exercise)									
Collaborator Kick-Off Prep and Meeting (Delayed to Govt. Shu									
2.0 Development and Implementation									
2.1 Configure Architecture & Infrastructure (NCCS AMCE)									
AWS Infrastructure and Cumulus Deployment									
GEE Integration Testing with Cumulus									
Geoserver Infrastructure									
ArcGIS Infrastructure									
2.2 Data Transformation and Distribution									
Data Product Review									
GEE Improvements of HDF4/5 Grid Handler									
GEE Improvements of HDF4/5 Swath Handler									
Complete Geospatial Plugins for CERES and MOPITT									
GEE Improvements of netCDF Handler									
Complete Development of GIS Tools Examples									
3.0 Deployment and Testing									
Local Testing of Cumulus									
Cloud Optimized Format Comparison									
Complete Performance Evaluation of large TerraFusion Produ	ct								
4.0 Documentation									
4.1 ACCESS Reporting									
Data management Plan									
Open Source Software Plan									
Quarterly Reports	2-Jan-2019		14-Mar-19	1-Apr-2019			1-Jul-2019		
Technical Review			14-Mar-19	1-Apr-2019					
Midterm Report and Presentation									
Final Report and Presentation									
5.0 Outreach									
OGC TC Meeting (Complete)									
Esri Federal Users Conference	1/29-1/30								
ESDSWG Spring Meeting			3/19-3/21						
Esri International Users Conference							7/8-7/12		

Meeting Notes

ESDSWG Recap:

- 5 Working Groups Up For Vote
 - 1. Big Data Access/Transfer (PB of data)
 - 2. Data Providers WG continuing to work on document up to ESDIS
 - 3. Two merged: Cloud UI/UX and Cloud Analytics Need to come up with dev/training environment to learn Cumulus
 - Data Interoperability Lots of discussion on GeoTiff. Newer missions may be going with GeoTIFF as a major output format

 ESDIS Standard next to NetCDF/HDF
 - b. How to get metadata info into a geoTIFF or alongside a GeoTIFF
 - c. ESDIS Compliant GeoTIFF
 - 5. Integration Group (Chris Lyness) ID as many integration points across EOSDIS
- Major Touch points

- o Example GeoTiff Standards to use for data Interoperability
- WPS: CL looking for a DAAC looking for a DAAC that is working with this.
- A42 Poster:
 - O Poster was well received at the working group
 - Ohris is setting up a telecon in April 9-12ish dates to have a 1.5 hr to id any potential integrations

 - CMR may be an early one as an example.
 We are able to get the Earthdata Page updated we can.
- Any Provenance group interest?
 - O Dataset Interoperability suggested it but it died off once GeoTIFF came on the scene for discussion
 - o "If there is no end user tool looking at provenance then it may not be needed in the near term"

Esri Technical Meeting (Upcoming):

• Agenda items include MDCS, 3 part Script, and MyNASAData

Cumulus Installation Update:

- Still trying to make it work Cumulus Internal Slack Channel is helpful.
- How To Guide with Cumulus Guide on AWS to contribute back to the Cumulus

PDS:

• Working to convert diagram to Lucid Chart and being connecting items

Collaborator's Kick-Off Meeting (April):

• Look to push back to July when more architecture is set up to drive conversations

Ramon - AMI