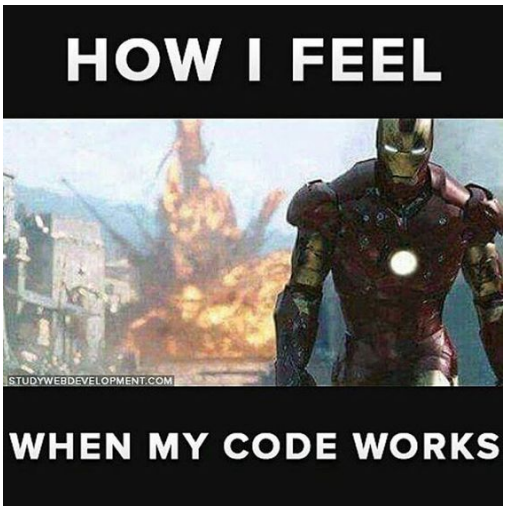
2017-11-13 - ISDA Team - Stand-up Meeting Notes



Let's Make it Work this week!

Who	Planned - Monday	Accomplished - Friday
Bing Zhang	unittest for clusterstats, unittest for clusterscale	
Benjamin Galewsky	Brown Dog Clusterman: • Get the app published to DevInt instance • Add cluster configuration Objects to app • Start looking at RabbitMQ admin NDS: • Complete some code reviews • Deploy NDS workbench via terraform	

Christopher Navarro	• Cover Crop
	  ◦ Review pull requests
	  ◦ Update cover crop VM with latest web app
	• Ergo/KISTI
	  ◦ Update DataWolf datasets endpoint to allow creation of empty datasets
	• IN-CORE
	  ◦ Review pull requests
	  ◦ DataWolf authentication with Kong
	  ◦ Investigate refactoring attenuations to separate model from specific earthquake parameters
	• Other
	  ◦ Out Monday
		• Cover Crop
		  ◦ Compiled latest DSSAT model, sent results to Han for review. Iterated over some changes and put latest DSSAT on cover crop VM, along with updated experiment files, updated experiment file names since parse_json checks name convention to determine which run is without cover crop
		  ◦ Code Review, opened Jira issues
		• Ergo/KISTI
		  ◦ Created output for recent Korean EQ using recent models implemented
		  ◦ Responded to Ergo question about Interdependent network analysis
		• IN-CORE
		  ◦ Worked on tornado hazard modeling
		  ◦ Code review
		  ◦ Helped with SSL certs for frontend and services machines
		• Other/General
		  ◦ Modified datawolf accounts to use salted passwords, wrote script to update deployed dbs (mysql and postgres)
		  ◦ Worked on allowing token through request header so users can eventually generate password reset tokens
		  ◦ Out Monday

Craig Willis	NDS • Sprint 36 begins, focus on "one click" and auth refactor • Prototype oauth with Globus TERRA-REF • Workbench monitoring • Workbench migration • Discuss logging? Whole Tale • Move production deploy to JetStream • Terraform NFS server	NDS • Prioritized Jetstream migration of ETK due to Nebula outage. In process now. • Started work on "one click" • Supported SC17 demo • Met with Annie from ESIP about NCAR pilot • Submitted draft abstract for SGCI webinar TERRA-REF • Compute pipeline/reprocessing support • Added user to cloud9 instance Whole Tale • Moved production deploy to Jetstream
Gregory Jansen		
Htut Khine Htay Win		

Indira Gutierrez Polo	• GLM
	  ○ Modify graph for dissolved oxygen
	• InCore
	  ○ Analysis UI call Datawolf
	  ○ Show Datawolf results in the UI
		• InCore
		  ○ Analysis UI calls datawolf sucessfully

Inna Zharnitsky	• Work on getting my pull requests approved • Review other ppl's PRs as time permits	• PRs approved, worked on comments • Worked with Sandeep to review pull request BD-1715 • Reviewed BD-1868 pull request
Jing Ge	• Test Uber data on physical machine and docker, compare their performance • Study elastic search • Search solution for Jupyter hub SSL	• Tested Uber data on physical machine and docker, compare their performance for 6*8=48 test cases • Studied elastic search and installed the package • Searched solution for Jupyter hub SSL
Jong Lee		
Kenton McHenry	• SC17 • Intaking a couple new projects • SSA Newsletter • Forecasts • HR	• SC17 • Meetings to bring in a couple new projects • SSA Newsletter sent out • ISDA web page updates • HR
Luigi Marini	• PSP data ingestion • Clowder release • GLM meeting at NCSA and prepare for trip up to Chicago on the 29th • BD bug fixes	• PSP data ingestion (taking a lot longer than expected) • GLM meeting

Marcus Slavenas	• vbd
	  ○ start webapp using flask /openlayers
	• gltg
	  ○ standup illinois instance
		• vbd
		  ○ webapp - improving flask knowledge
		• gltg
		  ○ setup illinois instance on gltg-dev
		  ○ testing/running parsers

Maxwell Burnette	• terra data release Wednesday • load weather data • evaluate 3dscanner progress • pyclowder2 pull request	• data release happened • ran hyperspectral • ran plant_height • 3dscanner in progress including ply2las • support w/ yogesh, wei

Michal Ondrejcek	• MDF
	  ◦ search functions, search_date, contact, collaborator.
	  ◦ work on Sphinx document strings
	  ◦ continue with Globus SDK transfer
	• KISTI
	  ◦ OpenSEES, complex examples,
	  ◦ papers
	• NCSA faculty
	  ◦ help with metadata definition	

Sara Lambert	• NDS
	  ◦ ☑ ~~NDS-1094~~ - Separate UI functions in preparation for reworking authentication RESOLVED
	  ◦ ☑ ~~NDS-1096~~ - Add landing page in Workbench UI for quickstart functionality RESOLVED
	  ◦ ☑ ~~NDS-1098~~ - Login / Signup need to respect ?rd=<url> query parameter RESOLVED
	• KnowEnG
	  ◦ Finish Spreadsheet Visualizer UI work
	  ▪ ⚠ KNOW-651 - Jira project doesn't exist or you don't have permission to view it.
	• Crops in Silico
	  ◦ Containerize / set up an instance of DataWolf for exploration
	  ◦ Raise integration issues at the weekly meeting
		• NDS
		  ◦ Started splitting code from workbench UI into a several modules
		• KnowEnG
		  ◦ Finished many of the pieces for spreadsheet visualizer UI:
		  ▪ "group columns by" / "sort columns by" popout windows
		  ▪ "filter rows by" / "sort rows by" / "show top X rows" for main heatmap
		  ▪ color scale (legend) for main heatmap
		  ▪ "show rows" popout window for selecting mini heatmaps
		  ▪ In Progress: column group headers
		• Crops in Silico
		  ◦ Created a simple Docker image for DataWolf 4.1.0 for exploration

Michelle Pitcel	• GLM
	  ◦ Priority:
	  ▪ ~~GEOD-992~~ - Finalize Graphs for Trends Detail Page in D3 DONE
	  ◦ If Time/Paused:
	  ▪ ~~GEOD-1001~~ - Add all parameters from Glenda to the options for trends DONE
	• GLTG
	  ◦ Priority:
	  ▪ ~~GLGVO-384~~ - Setup UI for the State of Illinois GLTG Instance of Geodashboard DONE
	  ◦ If Time/Paused:
	  ▪ ~~GLGVO-85~~ - Explore : Highlight the HUC4 Boundaries on the map when you hover over a HUC4 number DONE
	  ▪ ~~GLGVO-378~~ - Graphing multiple parameters for a single site on a single graph DONE
	• IMLCZO
	  ◦ Priority:
	  ▪ Re-run Parser for Flux Tower
	  ▪ Re-run Parser for Allerton non-Decagon
	  ▪ ~~IMLCZO-130~~ - Upload LIDAR data from Qina DONE
	  ◦ If Time/Paused:
	  ▪ ~~IMLCZO-192~~ - Organize any remaining Space Data DONE
		• GLM
		  ◦ ~~GEOD-992~~ DONE
		  ◦ ~~GEOD-1001~~ DONE
		  ◦ ~~GEOD-1010~~ DONE
		• GLTG
		  ◦ ~~GLGVO-384~~ DONE
		• IMLCZO
		  ◦ Re-ran Parser for Flux Tower
		  ◦ Re-ran Parser for Allerton non-Decagon
		  ◦ Contributed to planning efforts
		  ◦ ~~IMLCZO-130~~ DONE
		  ◦ ~~IMLCZO-192~~ DONE

Omar Elabd	• Convergence for Water Network Recovery • Glossary Changes • Windows VM Setup	• Glossary Changes • Setup Virtual Machine • Started on Convergence • Pull Request Review
Pramod Rizal	KnowEnG • Explore enhancements and investigate some isolated issues with Mesos cluster performance due to auto-scaling in AWS (W.I.P.) • Domain transfer from knoweng.org knoweng.illinois.edu • Infrastructure Support • HUBZero Update/Upgrade + Catch up with releases • Lightning talk	KnowEnG • Explore enhancements and investigate some isolated issues with Mesos cluster performance due to auto-scaling in AWS (W.I.P.) • Infrastructure Support • HUBZero Update/Upgrade + Catch up with releases
Rob Kooper		

Sandeep Puthanveetil Satheesan	• BD
	  ◦ Sprint tasks
	• CCROP
	  ◦ Generating soil input file based on fleixible dates
	  ◦ Other minor fixes
	• IARP
	  ◦ Project conclusion tasks
	• XSEDE Juvenile Delinquency Project
	  ◦ Doanload the OCR text, XML, and Image for initial search query from Chronicling America website
	  ◦ Test OCR performance of some images on the latest version of Abbyy FineReader	

Shannon Bradley	• Follow up on InteliJ • BD Report • Agile Agenda • BD Workflow for blocking • Review finance spreadsheet • InCore v2 - wrap prototype • GLTG - Ilinois instance • Covercrop - prototype • PotLuck • BrownDog - Minsker Data meeting • BrownDog - GI models • Project Managers Forum	

Yan Zhao	• BD
	  ◦ jupyter R kernel
	• GLM
	  ◦ EPA webnar
	  ◦ Authentication in the front-end using geostreaming api v2
		• BD
		  ◦ jupyter R kernel – in review
		• GLM
		  ◦ EPA webinar – missed
		  ◦ Authentication in the front-end using geostreaming api v2-- done. create follow up tasks.

Yong Wook Kim	• Create the upload method for asc and geotiff to geoserver in data service • Check researcher for his code and possiblity refactor for incore • Test clowder geoserver ingestion routine for crop and soil data	• Create a method for converting asc grid to geotiff • Created the upload method for ascand geotiff to geoserver in data service • Installed SSA certicates in incore VMs • Updated crop and soil data to geoserver through clowder