2018-04-16-ISDA Team - Stand-up Meeting Notes

During Prohibition, moonshiners would wear "cow shoes." The fancy footwear left hoofprints instead of footprints, helping distillers and smugglers evade police.

Who	Planned - Monday	Accomplished - Friday
Bing Zhang		• In Process: working on industry project: data ingestion. fix and deploy clusterman on dev. • Under Review: simple extractor, bd-base develop, greenroute use meter unit. • Done: bd-test case for greenness circlearea
Benjamin Galewsky		

Chen Wang	• INCORE
	  ◦ Data browser and Fragility browser integration in Jupyterlab
	  ◦ Retrieve username of the user who's currently using the browsers and feed it to incore service
	  ◦ DIN model review (2nd round)
	  ◦ Semantic core and service (if have time)
	• SMM
	  ◦ include crimson hexagon as a data source (backend)
	  ◦ adapt output file format to clowder previewer	

Christopher Navarro	• Cover Crop
	  ◦ Dev meeting, update genotypes for winter wheat
	  ◦ Code review
	• FarmDoc
	  ◦ Dev meeting, task planning
	• IN-Core
	  ◦ Continue working on v1 demo - building damage analysis, create required datasets
	  ◦ Code Review
	• General
	  ◦ In Champaign Thursday
		• Cover Crop
		  ◦ Code review
		  ◦ Updated genotypes for winter wheat and tested
		• FarmDoc
		  ◦ Task planning
		  ◦ Created initial web app repository
		• IN-Core
		  ◦ Worked on v1 demo, updated building damage task with latest APIs
		  ◦ Created example tornado json file
		  ◦ Code review
		• General - workflow meeting

Craig Willis	General: Getting back in the swing of things TERRA: • Condor prototype • Fullfield analysis Whole Tale • Backup PR NDS • CSSI proposal • PI4 instance?	TERRA • Identified issues with fullfield process • Initial fix for scaling globus-uploader Whole Tale: • Submitted PR for backup process NDS • Submitted CSSI
Gowtham Narahariset ty		
Htut Khine Htay Win		
Indira Gutierrez Polo	JLESC Meeting - Clowder Presentation	JLESC Meeting - Clowder Presentation InCore ▪ Separated the jupyterlab extensions of fragility and data explorer into two different extensions ▪ Updated the data viewer in jupyterlab extensions to use react instead of plain javascript. First pass mainly of functionality - No styling.

Jing Ge	• KnowEng
	  ◦ Combine and refactor common logic between Gene_Prioritization_Pipeline and Feature_Prioritization_Pipeline
	  ◦ Redesign phenotype expander and implement it to have logic on data type
	  ▪ binary data {0,1} or{True,False}
	  ▪ data with only two categories
	  ▪ data with more than tow categories
	  ◦ Investigating issues regarding Signature_Analysis_Pipeline
	• In-Core
	  ◦ Implement optimized memory version of multiprocessing and added to buildingdamage.py
		• KnowEng
		  ◦ Combined and refactored common logic between Gene_Prioritization_Pipeline and Feature_Prioritization_Pipeline
		  ◦ Redesigned phenotype expander and implement it to have logic on data type
		  ▪ binary data {0,1} or{True,False}
		  ▪ data with only two categories
		  ▪ data with more than tow categories
		  ◦ Built new docker images for Data_Cleanup_Pipeline
		  ◦ Investigated issues regarding Signature_Analysis_Pipeline and working on new logic for phenotype in Signature_Analysis_Pipeline
		• In-Core
		  ◦ Implemented optimized memory version of multiprocessing and added to buildingdamage.py, currently under review.

Jong Lee		

Kenton McHenry	• Finalize CSSI proposals • Backlog of tasks	• CSSIs submitted • Backlog of tasks
Luigi Marini	• Clowder 1.4 and 2.0 refactoring • Geodashboard PRs • Syngenta meetings and tasks • SMM Clowder previewer	• GDB/Clowder pull request reviews • Clowder landing page • Meetings

Marcus Slavenas	• vbd
	  ◦ finish daylight hours for new states
	• gltg
	  ◦ create deploy v3 branch for pointing to clowder geostreaming api	

Maxwell Burnette		

Michal Ondrejcek	• MDF
	  ◦ continue with Read the docs for the Sphinx deployment
	  ◦ continue with NDS Workbench and Forge examples
	  ◦ outreach, materials
	  ◦ script for FF pipeline
	• Farmdoc
	  ◦ FD-12 - Jira project doesn't exist or you don't have permission to view it.
	  ◦ FD-13 - Jira project doesn't exist or you don't have permission to view it.
	• VM for the presentation, contact Ms. Lombardo again
		• MDF
		  ◦ not on Forge
		  ◦ yes
		  ◦ Chad yes
		  ◦ no
		• Farmdoc
		  ◦ done and graphs only in the output.
		• presentation prep.

Sara Lambert	• NDS
	  ◦ Get back into our planning/development cycle
	  ◦ Discuss any open CSSI/PI4 concerns
	• Crops in Silico
	  ◦ Continue collecting feedback and iterate until satisfied
	  ◦ Start preparing slides for Spring update meeting
	• Industry
	  ◦ Ramping up / onboarding
		• NDS
		  ◦ Revisited after a long absence:
		  ◦ ~~NDS-1127~~ - Rethink Grunt build process RESOLVED
		  ◦ Set up Globus Auth demo instance
		• Crops in Silico
		  ◦ Discussed upcoming spring demo with PIs
		  ◦ Started adding fakeplant example models to UI
		• Industry
		  ◦ Learning Scala - made first PR to Clowder
		  ◦ Started writing an endpoint for Clowder that will proxy HTTP requests

Michelle Pitcel	• GLTG ◦ ~~GEOD-1076~~ - Groups of Layers - Turn Layer On and Off DONE ◦ ~~GLGVO-427~~ - Update Python Model Code to Use Clowder Data DONE • IMLCZO ◦ Re-run Parsers for Flux Tower and Allerton non-Decagon ◦ ~~IMLCZO-226~~ - Install loggernet on imlczo-parsers DONE ◦ ~~IMLCZO-228~~ - Mahomet Ingestion Script to pygeotemporal-parsers DONE	• GLTG ◦ ~~GEOD-1076~~ DONE ◦ ~~GLGVO-422~~ DONE ◦ ~~GLGVO-423~~ DONE ◦ ~~GLGVO-424~~ DONE ◦ ~~GLGVO-426~~ DONE ◦ ~~GLGVO-431~~ DONE • IMLCZO ◦ Re-ran Parsers for Flux Tower and Allerton non-Decagon ◦ ~~IMLCZO-224~~ DONE ◦ ~~IMLCZO-228~~ DONE ◦ ~~IMLCZO-229~~ DONE
Omar Elabd		
Pramod Rizal	• Industry - Pix4D Extractor (W.I.P.) • k8s dev setup/test for KnowEnG (W.I.P.) • KnowEnG Platform AWS Cloudformation	• Industry - Pix4D Extractor • k8s dev setup/test for KnowEnG (W.I.P.) • KnowEnG Platform AWS Cloudformation
Rob Kooper	• PEcAn ◦ update VM with LPJ Guess binary • LSST ◦ collect information about operators • Industry ◦ extractors per space • NCSA/ISDA ◦ review PEARC Papers	
Sandeep Puthanveetil Satheesan	• BD ◦ Sprint tasks ◦ JCDL Abstract ◦ Quarterly report • CCROP ◦ Complete modifications on tool for generating experiment file based on user input. ◦ Review pull requests • JUDEL ◦ Improve quality of images to get better OCR results using Tesseract ◦ Start work on quarterly report • IARP ◦ Start work on final report	• BD ◦ Contributed text for JCDL abstract ◦ Reviewed pull requests • CCROP ◦ Completed modifications on tool for generating experiment file based on user input. • JUDEL ◦ Working on improving image quality to get better OCR results from Tesseract. • IARP ◦ Started work on final report.
Shannon Bradley	Just sick ...	
Yan Zhao		• BD ◦ meangray upgrade to pyclowder2 ◦ look into silloute on clusterman, it remove the cookie with redeploy, no answer to fix this. • GLM ◦ bin for geostreams-api-v3, copy from clowder. ◦ ingest USGS data for one sensor & create config file on V2 • CC ◦ use the new design, finish half of it. ◦ review exp file PR

Yong Wook Kim	• Figure out how to secure the connection to geoserver • Work on web mapping in jupyterlab • Update incore jupyterlab docker • Update kuberenetes with newer docker	• Worked on finding out the method of securing geoserver and clowder but the issue has been transfered to Mike • Made new jupyterlab instance including newer version of jupyterlab extensions and deployted to kubernetes • Tested PyCSW extractor in actual docker envrionement. • Supported incore demo preparation.