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.