




# 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		<ul style="list-style-type: none"><li>• In Process: working on industry project: data ingestion. fix and deploy clusterman on dev.</li><li>• Under Review: simple extractor, bd-base develop, greenroute use meter unit.</li><li>• Done: bd-test case for greenness circlearea</li></ul>
Benjamin Galewsky		
Chen Wang	<ul style="list-style-type: none"><li>• INCORE<ul style="list-style-type: none"><li>◦ Data browser and Fragility browser integration in Jupyterlab</li><li>◦ Retrieve username of the user who's currently using the browsers and feed it to incore service</li><li>◦ DIN model review (2nd round)</li><li>◦ Semantic core and service (if have time)</li></ul></li><li>• SMM<ul style="list-style-type: none"><li>◦ include crimson hexagon as a data source (backend)</li><li>◦ adapt output file format to clowder previewer</li></ul></li></ul>	

<p>Christopher Navarro</p>	<ul style="list-style-type: none"> <li>• Cover Crop <ul style="list-style-type: none"> <li>◦ Dev meeting, update genotypes for winter wheat</li> <li>◦ Code review</li> </ul> </li> <li>• FarmDoc <ul style="list-style-type: none"> <li>◦ Dev meeting, task planning</li> </ul> </li> <li>• IN-Core <ul style="list-style-type: none"> <li>◦ Continue working on v1 demo - building damage analysis, create required datasets</li> <li>◦ Code Review</li> </ul> </li> <li>• General <ul style="list-style-type: none"> <li>◦ In Champaign Thursday</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Cover Crop <ul style="list-style-type: none"> <li>◦ Code review</li> <li>◦ Updated genotypes for winter wheat and tested</li> </ul> </li> <li>• FarmDoc <ul style="list-style-type: none"> <li>◦ Task planning</li> <li>◦ Created initial web app repository</li> </ul> </li> <li>• IN-Core <ul style="list-style-type: none"> <li>◦ Worked on v1 demo, updated building damage task with latest APIs</li> <li>◦ Created example tornado json file</li> <li>◦ Code review</li> </ul> </li> <li>• General - workflow meeting</li> </ul>
<p>Craig Willis</p>	<p>General: Getting back in the swing of things</p> <p>TERRA:</p> <ul style="list-style-type: none"> <li>• Condor prototype</li> <li>• Fullfield analysis</li> </ul> <p>Whole Tale</p> <ul style="list-style-type: none"> <li>• Backup PR</li> </ul> <p>NDS</p> <ul style="list-style-type: none"> <li>• CSSI proposal</li> <li>• PI4 instance?</li> </ul>	<p>TERRA</p> <ul style="list-style-type: none"> <li>• Identified issues with fullfield process</li> <li>• Initial fix for scaling globus-uploader</li> </ul> <p>Whole Tale:</p> <ul style="list-style-type: none"> <li>• Submitted PR for backup process</li> </ul> <p>NDS</p> <ul style="list-style-type: none"> <li>• Submitted CSSI</li> </ul>
<p>Gowtham Naraharisetty</p>		
<p>Htut Khine Htay Win</p>		
<p>Indira Gutierrez Polo</p>	<p>JLESC Meeting - Clowder Presentation</p>	<p>JLESC Meeting - Clowder Presentation</p> <p>InCore</p> <ul style="list-style-type: none"> <li>▪ Separated the jupyterlab extensions of fragility and data explorer into two different extensions</li> <li>▪ Updated the data viewer in jupyterlab extensions to use react instead of plain javascript. First pass mainly of functionality - No styling.</li> </ul>
<p>Jing Ge</p>	<ul style="list-style-type: none"> <li>• KnowEng <ul style="list-style-type: none"> <li>◦ Combine and refactor common logic between Gene_Prioritization_Pipeline and Feature_Prioritization_Pipeline</li> <li>◦ Redesign phenotype expander and implement it to have logic on data type <ul style="list-style-type: none"> <li>▪ binary data {0,1} or{True,False}</li> <li>▪ data with only two categories</li> <li>▪ data with more than tow categories</li> </ul> </li> <li>◦ Investigating issues regarding Signature_Analysis_Pipeline</li> </ul> </li> <li>• In-Core <ul style="list-style-type: none"> <li>◦ Implement optimized memory version of multiprocessing and added to buildingdamage.py</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• KnowEng <ul style="list-style-type: none"> <li>◦ Combined and refactored common logic between Gene_Prioritization_Pipeline and Feature_Prioritization_Pipeline</li> <li>◦ Redesigned phenotype expander and implement it to have logic on data type <ul style="list-style-type: none"> <li>▪ binary data {0,1} or{True,False}</li> <li>▪ data with only two categories</li> <li>▪ data with more than tow categories</li> </ul> </li> <li>◦ Built new docker images for Data_Cleanup_Pipeline</li> <li>◦ Investigated issues regarding Signature_Analysis_Pipeline and working on new logic for phenotype in Signature_Analysis_Pipeline</li> </ul> </li> <li>• In-Core <ul style="list-style-type: none"> <li>◦ Implemented optimized memory version of multiprocessing and added to buildingdamage.py, currently under review.</li> </ul> </li> </ul>
<p>Jong Lee</p>		

<p>Kenton McHenry</p>	<ul style="list-style-type: none"> <li>Finalize CSSI proposals</li> <li>Backlog of tasks</li> </ul>	<ul style="list-style-type: none"> <li>CSSIs submitted</li> <li>Backlog of tasks</li> </ul>
<p>Luigi Marini</p>	<ul style="list-style-type: none"> <li>Clowder 1.4 and 2.0 refactoring</li> <li>Geodashboard PRs</li> <li>Syngenta meetings and tasks</li> <li>SMM Clowder previewer</li> </ul>	<ul style="list-style-type: none"> <li>GDB/Clowder pull request reviews</li> <li>Clowder landing page</li> <li>Meetings</li> </ul>
<p>Marcus Slavenas</p>	<ul style="list-style-type: none"> <li>vbd <ul style="list-style-type: none"> <li>finish daylight hours for new states</li> </ul> </li> <li>gltg <ul style="list-style-type: none"> <li>create deploy v3 branch for pointing to clowder geostreaming api</li> </ul> </li> </ul>	
<p>Maxwell Burnette</p>		
<p>Michal Ondrejcek</p>	<ul style="list-style-type: none"> <li>MDF <ul style="list-style-type: none"> <li>continue with Read the docs for the Sphinx deployment</li> <li>continue with NDS Workbench and Forge examples</li> <li>outreach, materials</li> <li>script for FF pipeline</li> </ul> </li> <li>Farmdoc <ul style="list-style-type: none"> <li> <div data-bbox="355 800 966 968" style="border: 1px solid orange; padding: 5px; margin-bottom: 10px;">  <b>FD-12</b> - Jira project doesn't exist or you don't have permission to view it. </div> <div data-bbox="355 1010 966 1178" style="border: 1px solid orange; padding: 5px;">  <b>FD-13</b> - Jira project doesn't exist or you don't have permission to view it. </div> </li> </ul> </li> <li>VM for the presentation, contact Ms. Lombardo again</li> </ul>	<ul style="list-style-type: none"> <li>MDF <ul style="list-style-type: none"> <li>not on Forge</li> <li>yes</li> <li>Chad yes</li> <li>no</li> </ul> </li> <li>Farmdoc <ul style="list-style-type: none"> <li>done and graphs only in the output.</li> </ul> </li> <li>presentation prep.</li> </ul>
<p>Sara Lambert</p>	<ul style="list-style-type: none"> <li>NDS <ul style="list-style-type: none"> <li>Get back into our planning/development cycle</li> <li>Discuss any open CSSI/PI4 concerns</li> </ul> </li> <li>Crops in Silico <ul style="list-style-type: none"> <li>Continue collecting feedback and iterate until satisfied</li> <li>Start preparing slides for Spring update meeting</li> </ul> </li> <li>Industry <ul style="list-style-type: none"> <li>Ramping up / onboarding</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>NDS <ul style="list-style-type: none"> <li>Revisited after a long absence: <div data-bbox="1122 1318 1484 1381" style="border: 1px solid gray; padding: 2px; margin: 2px;">  <b>NDS-1127</b> - Rethink Grunt build process <span style="float: right; border: 1px solid gray; padding: 2px;">RESOLVED</span> </div> </li> <li>Set up Globus Auth demo instance</li> </ul> </li> <li>Crops in Silico <ul style="list-style-type: none"> <li>Discussed upcoming spring demo with PIs</li> <li>Started adding <i>fakeplant</i> example models to UI</li> </ul> </li> <li>Industry <ul style="list-style-type: none"> <li>Learning Scala - made first PR to Clowder</li> <li>Started writing an endpoint for Clowder that will proxy HTTP requests</li> </ul> </li> </ul>

Michelle Pitcel	<ul style="list-style-type: none"> <li>• GLTG <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <del>GEOD-1076</del> - Groups of Layers - Turn Layer On and Off DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-427</del> - Update Python Model Code to Use Clowder Data DONE</li> </ul> </li> <li>• IMLCZO <ul style="list-style-type: none"> <li>◦ Re-run Parsers for Flux Tower and Allerton non-Decagon</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-226</del> - Install loggernet on imlczo-parsers DONE</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-228</del> - Mahomet Ingestion Script to pygeotemporal-parsers DONE</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• GLTG <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <del>GEOD-1076</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-422</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-423</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-424</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-426</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-434</del> DONE</li> </ul> </li> <li>• IMLCZO <ul style="list-style-type: none"> <li>◦ Re-ran Parsers for Flux Tower and Allerton non-Decagon</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-224</del> DONE</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-228</del> DONE</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-229</del> DONE</li> </ul> </li> </ul>
Omar Elabd		
Pramod Rizal	<ul style="list-style-type: none"> <li>• Industry - Pix4D Extractor (W.I.P.)</li> <li>• k8s dev setup/test for KnowEnG (W.I.P.)</li> <li>• KnowEnG Platform AWS Cloudformation</li> </ul>	<ul style="list-style-type: none"> <li>• Industry - Pix4D Extractor</li> <li>• k8s dev setup/test for KnowEnG (W.I.P.)</li> <li>• KnowEnG Platform AWS Cloudformation</li> </ul>
Rob Kooper	<ul style="list-style-type: none"> <li>• PEcAn <ul style="list-style-type: none"> <li>◦ update VM with LPJ Guess binary</li> </ul> </li> <li>• LSST <ul style="list-style-type: none"> <li>◦ collect information about operators</li> </ul> </li> <li>• Industry <ul style="list-style-type: none"> <li>◦ extractors per space</li> </ul> </li> <li>• NCSA/ISDA <ul style="list-style-type: none"> <li>◦ review PEARC Papers</li> </ul> </li> </ul>	
Sandeep Puthanveeti I Sathesasan	<ul style="list-style-type: none"> <li>• BD <ul style="list-style-type: none"> <li>◦ Sprint tasks</li> <li>◦ JCDL Abstract</li> <li>◦ Quarterly report</li> </ul> </li> <li>• CCROP <ul style="list-style-type: none"> <li>◦ Complete modifications on tool for generating experiment file based on user input.</li> <li>◦ Review pull requests</li> </ul> </li> <li>• JUDEL <ul style="list-style-type: none"> <li>◦ Improve quality of images to get better OCR results using Tesseract</li> <li>◦ Start work on quarterly report</li> </ul> </li> <li>• IARP <ul style="list-style-type: none"> <li>◦ Start work on final report</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• BD <ul style="list-style-type: none"> <li>◦ Contributed text for JCDL abstract</li> <li>◦ Reviewed pull requests</li> </ul> </li> <li>• CCROP <ul style="list-style-type: none"> <li>◦ Completed modifications on tool for generating experiment file based on user input.</li> </ul> </li> <li>• JUDEL <ul style="list-style-type: none"> <li>◦ Working on improving image quality to get better OCR results from Tesseract.</li> </ul> </li> <li>• IARP <ul style="list-style-type: none"> <li>◦ Started work on final report.</li> </ul> </li> </ul>
Shannon Bradley	Just sick ...	
Yan Zhao		<ul style="list-style-type: none"> <li>• BD <ul style="list-style-type: none"> <li>◦ meangray upgrade to pycrowder2</li> <li>◦ look into silloute on clusterman, it remove the cookie with redeploy, no answer to fix this.</li> </ul> </li> <li>• GLM <ul style="list-style-type: none"> <li>◦ bin for geostreams-api-v3, copy from clowder.</li> <li>◦ ingest USGS data for one sensor &amp; create config file on V2</li> </ul> </li> <li>• CC <ul style="list-style-type: none"> <li>◦ use the new design, finish half of it.</li> <li>◦ review exp file PR</li> </ul> </li> </ul>

Yong Wook  
Kim

- Figure out how to secure the connection to geoserver
- Work on web mapping in jupyterlab
- Update incore jupyterlab docker
- Update kubernetes 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 deployed to kubernetes
- Tested PyCSW extractor in actual docker environment.
- Supported incore demo preparation.