














# 2018-02-19 - ISDA Team - Stand-up Meeting Notes



Who	Planned - Monday	Accomplished - Friday
Bing Zhang		
Benjamin Galewsky	<p>More BrownDog Cluster Man Bindings</p> <p>Prepping for Data Driven Ag Conference Workbench</p> <p>Investigating Brown Dog in NDS Workbench</p>	
Christopher Navarro	<ul style="list-style-type: none"> <li>Cover Crop <ul style="list-style-type: none"> <li>Dev meeting</li> <li>Code review</li> </ul> </li> <li>Ergo <ul style="list-style-type: none"> <li>Follow up with additional Ergo user questions</li> </ul> </li> <li>IN-Core <ul style="list-style-type: none"> <li>Work on open source license doc</li> <li>Finalize Task 3.4 responses for review meeting</li> <li>Work on publishing scenario earthquake /tornado visualization data to repository</li> </ul> </li> <li>General <ul style="list-style-type: none"> <li>DataWolf 4.2 release, in Champaign Tuesday</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Cover Crop <ul style="list-style-type: none"> <li>dev meeting</li> <li>helped with datawolf login issue</li> <li>tested new experiment files with different weather data</li> </ul> </li> <li>Ergo <ul style="list-style-type: none"> <li>Sent followup to Ergo user questions on moving data to a new machine and possible future collaboration</li> </ul> </li> <li>IN-Core <ul style="list-style-type: none"> <li>Worked on open source license doc</li> <li>Finished task 3.4 comments for review meeting</li> <li>Code review</li> </ul> </li> <li>General <ul style="list-style-type: none"> <li>In Champaign tuesday, discussed datawolf future planning to decouple datawolf execution from storage</li> <li>Merged in debug attribute and hotfix for incorrect return type from datawolf login endpoint</li> </ul> </li> </ul>
Craig Willis	<p>NDS</p> <ul style="list-style-type: none"> <li>DataDrivenAg workshop rep</li> <li>Submit PEARC panel (2/19)</li> </ul> <p>WT</p> <ul style="list-style-type: none"> <li>All-Hands at Notre Dame Tues-Thurs</li> </ul> <p>TERRA</p> <ul style="list-style-type: none"> <li>Re-processing continued</li> </ul>	
Gregory Jansen		
Htut Khine Htay Win		

Indira Gutierrez Polo	<ul style="list-style-type: none"> <li>• GLM <ul style="list-style-type: none"> <li>◦ Glenda Parser Updates - Silica</li> <li>◦ Upload GLFMSP data</li> </ul> </li> <li>• InCore <ul style="list-style-type: none"> <li>◦ Updates to maestro API specification</li> <li>◦ Update the front-end based on the API updates</li> </ul> </li> <li>• SMU <ul style="list-style-type: none"> <li>◦ Metadata downloading Json.ld documents</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• GLM <ul style="list-style-type: none"> <li>◦ Updated Glenda parser with silica conversions</li> <li>◦ Udated pygeotemporal and pycrowder with needs for glenda parser</li> <li>◦ Added GLFMSP parser to pygetemporal-parser and uploaded the new data to dev</li> </ul> </li> <li>• In-Core <ul style="list-style-type: none"> <li>◦ Updated the maestro API to match new design.</li> </ul> </li> </ul>
Inna Zharnitsky		
Jing Ge		
Jong Lee		
Kenton McHenry	<ul style="list-style-type: none"> <li>• CSSI proposals</li> <li>• BD Outreach</li> <li>• Presentation for Science Platforms workshop nextweek</li> <li>• HR</li> </ul>	<ul style="list-style-type: none"> <li>• CSSI proposals</li> <li>• BD Outreach</li> <li>• Presentation for Science Platforms workshop nextweek</li> <li>• HR</li> </ul>
Luigi Marini	<ul style="list-style-type: none"> <li>• Start on Clowder paper</li> <li>• Clowder and Geodashboard pull requests</li> <li>• Continue Clowder refactoring</li> </ul>	
Marcus Slavenas	<ul style="list-style-type: none"> <li>• gltg <ul style="list-style-type: none"> <li>◦ prod and dev systems up</li> </ul> </li> <li>• vbd <ul style="list-style-type: none"> <li>◦ small fixes for webapp demo</li> <li>◦ pulling model input data in app</li> </ul> </li> </ul>	
Maxwell Burnette	<ul style="list-style-type: none"> <li>• ir_geotiff fieldmosaic submission</li> <li>• PEARC18 draft</li> <li>• Engineering Open House prep</li> <li>• terrautils fix error message if no sites returned from BETY</li> </ul>	<ul style="list-style-type: none"> <li>• completed ir_geotiff fieldmosaic generation</li> <li>• good progress on PEARC but draft not complete</li> <li>• tested EOH extractors speech2text, faces</li> <li>• terrautils PR fix</li> <li>• bulk reindex script for TERRA</li> </ul>
Michal Ondrejcek	<ul style="list-style-type: none"> <li>• MDF <ul style="list-style-type: none"> <li>◦ docstrings v2, Sphinx and Jupyter docs, link</li> <li>◦ continue with Globus SDK transfer</li> <li>◦ outreach</li> </ul> </li> <li>• Farmers <ul style="list-style-type: none"> <li>◦ documentation/description, check VM</li> </ul> </li> <li>• Faculty Fellowship <ul style="list-style-type: none"> <li>◦ REU students bio, check model</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• MDF <ul style="list-style-type: none"> <li>◦ docstrings v2, Sphinx and Jupyter docs, link, still no links, move from commonmark, recommonmark to pandoc</li> <li>◦ yes</li> <li>◦ no</li> </ul> </li> <li>• Farmers <ul style="list-style-type: none"> <li>◦ yes</li> </ul> </li> <li>• Faculty Fellowship <ul style="list-style-type: none"> <li>◦ REU yes</li> </ul> </li> </ul>

<p>Sara Lambert</p>	<ul style="list-style-type: none"> <li>• Out Friday (2/23/18)</li> <li>• NDS             <ul style="list-style-type: none"> <li>◦  <b>NDS-1151</b> - TravisCI YAML file for ndslabs repo <span>CLOSED</span></li> <li>◦ Final prep for DataDrivenAg workshop</li> </ul> </li> <li>• KnowEnG             <ul style="list-style-type: none"> <li>◦ Waiting for <a href="#">Pramod Rizal</a> to provision/copy the data to a new EFS volume, so I don't accidentally ruin the production data</li> <li>◦ Attempt to run the <a href="#">EFS provisioner</a> in our AWS Kubernetes cluster</li> <li>◦ Use the EFS provisioner to mount shared storage into pods</li> </ul> </li> <li>• Crops in Silico             <ul style="list-style-type: none"> <li>◦ Now that we know how we'll handle inports /outports, the API server needs to be adjusted to format and return YAML</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• NDS             <ul style="list-style-type: none"> <li>◦ Started refactoring the webui Docker/Grunt build and endpoint</li> </ul> </li> <li>• KnowEnG             <ul style="list-style-type: none"> <li>◦ Successfully deployed <a href="#">EFS provisioner</a> on <a href="#">autoscaling AWS Kubernetes</a></li> <li>◦ Demonstrated an autoscaling cluster <a href="#">running many jobs</a> that <a href="#">mount shared storage to individual pods</a></li> </ul> </li> <li>• Crops in Silico             <ul style="list-style-type: none"> <li>◦ Added a <a href="#">Swagger UI view</a></li> <li>◦ Added editing certain metadata fields (right-click an edge or node and choose Edit)</li> <li>◦ Prototype UI now returns a formatted YAML for the graph given - such a <a href="#">specially-formatted YAML file could be used to run the models</a> using <a href="#">cis_interface</a> under the right conditions</li> <li>◦ Interactive prototype available here: <a href="https://proto.cis.ndslabs.org/#/">https://proto.cis.ndslabs.org/#/</a></li> </ul> </li> </ul>
<p>Michelle Pitcel</p>	<ul style="list-style-type: none"> <li>• GLTG             <ul style="list-style-type: none"> <li>◦  <b>GLEVO-412</b> - Test and Try to Improve Exploratory Analysis Speed</li> <li>◦ Using Local Data <span>DONE</span></li> </ul> </li> <li>• IMLCZO             <ul style="list-style-type: none"> <li>◦ Re-run Parser for Flux Tower</li> <li>◦ Re-run Parser for Allerton non-Decagon</li> <li>◦  <b>IMLCZO-215</b> - Add Default Users from IML to All Project Spaces <span>DONE</span></li> <li>◦  <b>IMLCZO-217</b> - Generalize Logger Parsers <span>DONE</span></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• GLTG             <ul style="list-style-type: none"> <li>◦  <b>GEOD-1048</b> <span>DONE</span></li> <li>◦  <b>GLGVO-411</b> <span>DONE</span></li> <li>◦  <b>GLGVO-412</b> <span>DONE</span></li> <li>◦  <b>GLGVO-413</b> <span>DONE</span></li> </ul> </li> <li>• IMLCZO             <ul style="list-style-type: none"> <li>◦ Preparation for meetings</li> <li>◦ Re-ran Parser for Flux Tower</li> <li>◦ Re-ran Parser for Allerton non-Decagon</li> <li>◦  <b>IMLCZO-188</b> <span>DONE</span></li> <li>◦  <b>IMLCZO-189</b> <span>DONE</span></li> <li>◦  <b>IMLCZO-190</b> <span>DONE</span></li> <li>◦  <b>IMLCZO-215</b> <span>DONE</span></li> <li>◦  <b>IMLCZO-218</b> <span>DONE</span></li> </ul> </li> </ul>
<p>Omar Elabd</p>	<ul style="list-style-type: none"> <li>• Fragility Mapping Service</li> <li>• PPPR</li> <li>• Python Water Network             <ul style="list-style-type: none"> <li>◦ Buried Pipeline Damage</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Fixed nebula read-only file system</li> <li>• Semantic Service             <ul style="list-style-type: none"> <li>◦ Documentation</li> <li>◦ Restart Services</li> </ul> </li> </ul>
<p>Pramod Rizal</p>	<p>KnowEnG</p> <ul style="list-style-type: none"> <li>• Mesos Enhancement (W.I.P.)</li> <li>• Kube Set up (with Mike) (W.I.P.)</li> <li>• Dev Support</li> </ul>	
<p>Rob Kooper</p>		
<p>Sandeep Puthanveetil Satheesan</p>	<ul style="list-style-type: none"> <li>• BD             <ul style="list-style-type: none"> <li>◦ Documentation review</li> </ul> </li> <li>• CCROP             <ul style="list-style-type: none"> <li>◦ Login page / cookies / session</li> </ul> </li> <li>• JUDEL             <ul style="list-style-type: none"> <li>◦ Newspaper article segmentation</li> </ul> </li> </ul>	

Shannon Bradley	<ul style="list-style-type: none"> <li>• New training list</li> <li>• Brown Dog Report</li> <li>• Brown Dog Training</li> <li>• GLTG - plan for this week and end of month</li> <li>• Cover crop report</li> <li>• Cover crop Hardware</li> <li>• VSL monthly approvals</li> <li>• Finance</li> <li>• HR stuff</li> <li>• A/V Cart</li> </ul>	
Yan Zhao		<ul style="list-style-type: none"> <li>• BD <ul style="list-style-type: none"> <li>◦ review clusterman</li> <li>◦ docker CSR &amp; push in</li> </ul> </li> <li>• GLM <ul style="list-style-type: none"> <li>◦ finish line chart</li> <li>◦ setup usgs parser sheduler</li> <li>◦ initial effort of adding a key to geo-temporal-api-v3</li> </ul> </li> <li>• CC <ul style="list-style-type: none"> <li>◦ add a view detail for events list, need discussion.</li> </ul> </li> </ul>
Yong Wook Kim	<ul style="list-style-type: none"> <li>• Update Python webdav import script based on new API change</li> <li>• Modify dataset import method to avoid new shapefile creation if there is unique identifier in the dataset</li> <li>• Add the hindcase code to analyses package</li> <li>• Test PyCSW in new VM</li> </ul>	<ul style="list-style-type: none"> <li>• Updated PR for the rest api change mostly for catching and throwing errors</li> <li>• Fixed the unit test for the PR</li> <li>• Reviewed PR</li> <li>• Tested PyCSW</li> <li>• Tested command line based image tool</li> </ul>