

2021-03-12 Clowder Dev Meeting notes

Date

12 Mar 2021

Attendees

- [Luigi Marini](#)
- [Maxwell Burnette](#)
- [Sara Lambert](#)
- [Todd Nicholson](#) - absent
- [Bing Zhang](#)
- [Mark Fredricksen](#) - absent
- [Michael Bobak](#)
- [Rob Kooper](#)
- [Michael Johnson](#)
- [Elizabeth Yanello](#)
- [Sandeep Puthanveetil Satheesan](#)
- [Shannon Bradley](#)

Discussion items:

Clowder All Paws Virtual Conference June 21 to June 24 - Discussion & Agenda - Presenters


Grafana Dashboards (Mike L.)

Helm Charts - Rob

DataCite Update (DOI minting) - Lisa

J-Clowder - Bing Zhang

Who	Notes
Luigi	<p>v1.5.1 https://github.com/clowder-framework/clowder/pull/191 - let's release today</p> <p>All paws dev sessions:</p> <p>Luigi - Overview from a developer standpoint (1 hour) (scalability, security, publishing, doi)</p> <p>Luigi - How to contribute (30 mins)</p> <p>Max - User oriented demo (1 hour) (search, Clowder for organizations)</p> <p>Rob - How to deploy (1 hours) (cloud, kubernetes, radiant, aws)</p> <p>??? - NCSA hosted Clowder instance</p> <p>Luigi - 2.0 Where are we at? (30min)</p> <p>??? - How to customize (config/plugins/services)(30 min)</p> <p>Max - Extractors (1 hours)</p> <p>Luigi - Previewers (1 hours)</p> <p>??? - API (30 mins)</p> <p>Max - Ingestion pipelines / workflows? (30mins) (TERRAREF-CINET-Airflow)</p> <p>Sandeep - AI support (30 mins) (tensorflow, models, running model as extractor, ingest data from clowder)</p> <p>Max - Codebase overview (30 mins)</p> <p>Steering committee - Researcher Panel (managing data/how does Clowder fit into this?)</p> <p>Lighting talks: XSEDE/Sandeep,</p> <p>*You will be in charge of the topic, but you can delegate responsibilities to others.</p>

Max	Queue event sink for workbench and Clowder. Wanting to move data in and out of containers easily NDS Labs Workbench x Clowder integration
Mike L.	Running containers side by side (the smaller one called a sidecar) to fetch the data. We need to be aware of security.
Todd	
Bing	
Mark F	
Mike B.	search now at: beta.geocodes.earthcube.org
Rob	
Michael J	
Sandeep	
Shannon	<p>Did anyone follow up on this? Not yet</p> <p>Hi all,</p> <p>I'm an undergraduate student working on a project for the Cozad New Venture Challenge and was wondering if we could collaborate or if I could get some advice regarding my project.</p> <p>I'm interested in trying to create a machine learning algorithm that utilizes computer vision to analyze sidewalk images from Google street view. I would love to get into touch with someone on how to begin, if the idea is feasible, and to just connect and pick someone's brain.</p> <p>Thank you,</p> <p>Nathan Seiler</p> <p>VISTA</p> <p>All Paws Agenda Draft</p> <p>Need ideas for presentations</p> <p>https://docs.google.com/spreadsheets/d/1mCZlvr7VjAd5sq_bH0GQ43Q7nhToOn-RELwcKDF9Oq4/edit#gid=2052094695</p>  <p>https://www.katacoda.com/create to create interactive software tutorials</p>
Lisa	<p>Save the Date for All Paws Virtual Annual Conference - get some catch phrase to entice people to attend.</p> <p>Jong Lee ask Kaiyu Guan to present - SmartFarms</p>

Action Items/To Dos:

- ☐ Elizabeth Yanello Shannon Bradley Web Page up/Registration/agenda/Save the Date

☒ Bing Zhang Discuss JClowder on 3/19/21

☐ [Maxwell Burnette](#) & [Michael Johnson](#) discuss SIMPL on 3/26/21.