2022-01-14 Clowder Dev Meeting Notes

Date

14 Jan 2022

Attendees

- Luigi Marini
- Maxwell Burnette
- Sara Lambert
- Todd Nicholson
- Bing Zhang
- Michael Bobak
- Rob Kooper
- Sandeep Puthanveetil Satheesan absent
- Chen Wang
- Kastan Day absent
- Elizabeth Yanello
- Kathryn Naum absent

Agenda:

Version 2.0

Discussion:

Elizabeth Yanello Open meeting to everyone - advertise

Elizabeth Yanello move notes and agenda to GitHub. Request agenda items for Clowder Dev early in the week.

We will advertise as a developer meeting and own the agenda; but give people an opportunity to show what they are using Clowder for, perhaps in the last half hour.

For the time being, the dev meetings will focus on 2.0

Luigi was able to fix the current template.

Please offer suggestions and feedback for our current webpage. Let's post more often.

We hope we can bring in new hires to take the place of people who are coming off of Clowder.

Open 2.0 repositories to public. There are projects that are interested in using Clowder.

Go to Clowder frameowrk and login othewise you won't show up.

Mike L. shared the following link: https://github.com/orgs/clowder-framework/people
Hackathons have been productive. Let's continue to use these to work out the continued development of 2.0.

Review of tickets opened in issues.

Discussion of funding. Will discuss with Kenton.

Luigi will go through list of bugs and prioritize them.

Abstract submitted by Chen; will start to work on poster for upcoming conference.

Looking for best practices for libraries.

Who	Notes

Luigi	• This meeting format
	  ◦ Create agenda ahead of time (no around the table updates–can do this in writing)
	  ◦ Open up to anyone
	  ◦ Move notes and agendas to github
	  ◦ Need to find more contributors to 2.0–advertise these meetings broadly
	• Github pages switch to standard template
	  ◦ Want to have a more active website.
	  ◦ Unable to fix current template. Makes it harder to make changes.
	  ◦ An opportunity to revisit text. "Don't know what Clowder is for"
	  ◦ https://pages.github.com/themes/
	  ▪ https://pages-themes.github.io/cayman/
	  ▪ https://pages-themes.github.io/tactile/
	  ▪ https://pages-themes.github.io/merlot/
	  ▪ https://pages-themes.github.io/minimal/
	• Lots of developers coming off. Need to revisit 2.0 timeline.
	• Open up 2.0 repositories to public
	• Make your profile public in the clowder organization. Open up in incognito/private https://github.com/clowder-framework/
	• Weekly 2.0 hackathon
	  ◦ 2 hours. When?
	• Current issues
	  ◦ https://github.com/clowder-framework/clowder/issues/311
	  ◦ https://github.com/clowder-framework/clowder/issues/312
	  ◦ https://github.com/clowder-framework/clowder/labels/bug

Max	no updates
Mike L.	no updates
Todd	Pull requests for extractors-geo - can someone check this? It's causing errors for some projects. Pull request for 2.0 - upload multiple files.
Bing	no updates
Mike B.	no updates
Rob	Bug ? in clowder where if you double click the create button it makes a two datasets (and maybe others)
Kastan	☑ PDG colab: They need data pipelines for ML & ML training pipelines (see post-meeting email for details). ~~My concern: Codeflare satisfies only a small part of their needs, they primarily need data ops (like Airflow and Spotify's Luigi).~~ Ray Workflows resolve this conflict. ☑ PDG colab: Recieved data (Commerical via XSEDE, public via Ingmar's Github). ☑ IN-CORE colab: Recieved labeled data and a plan for creating new data. ☐ Resolve Ray asyncio threading conflict. ☐ PDG: Investigating PDG's current data ingest pipeline to recreate in Ray Workflows. Next deliverable is simple data-loading & pre-processing example. ☐ IN-CORE: Build prototype Ray workflow for satelite image pre-processing. ☐ Add Apple Silicon M1 support for Clowder and Clowder-monitor Docker images via Github Actions flag. 
Sandeep	
Chen	▪ ACSW poster abstract submitted ▪ create milestone alpha 2.0 and clean up / create some of the tasks ▪ will start to work on error message modal this afternoon

Katie	
Lisa	

Action Items/To Dos:

- [ ] Workbench Webinar in 2022 ending CDDR?