

# 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 framework and login otherwise 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	<ul style="list-style-type: none"> <li>• This meeting format <ul style="list-style-type: none"> <li>◦ Create agenda ahead of time (no around the table updates—can do this in writing)</li> <li>◦ Open up to anyone</li> <li>◦ Move notes and agendas to github</li> <li>◦ Need to find more contributors to 2.0—advertise these meetings broadly</li> </ul> </li> <li>• Github pages switch to standard template <ul style="list-style-type: none"> <li>◦ Want to have a more active website.</li> <li>◦ Unable to fix current template. Makes it harder to make changes.</li> <li>◦ An opportunity to revisit text. "Don't know what Clowder is for"</li> <li>◦ <a href="https://pages.github.com/themes/">https://pages.github.com/themes/</a> <ul style="list-style-type: none"> <li>▪ <a href="https://pages-themes.github.io/cayman/">https://pages-themes.github.io/cayman/</a></li> <li>▪ <a href="https://pages-themes.github.io/tactile/">https://pages-themes.github.io/tactile/</a></li> <li>▪ <a href="https://pages-themes.github.io/merlot/">https://pages-themes.github.io/merlot/</a></li> <li>▪ <a href="https://pages-themes.github.io/minimal/">https://pages-themes.github.io/minimal/</a></li> </ul> </li> </ul> </li> <li>• Lots of developers coming off. Need to revisit 2.0 timeline.</li> <li>• Open up 2.0 repositories to public</li> <li>• Make your profile public in the clowder organization. Open up in incognito/private <a href="https://github.com/clowder-framework/">https://github.com/clowder-framework/</a></li> <li>• Weekly 2.0 hackathon <ul style="list-style-type: none"> <li>◦ 2 hours. When?</li> </ul> </li> <li>• Current issues <ul style="list-style-type: none"> <li>◦ <a href="https://github.com/clowder-framework/clowder/issues/311">https://github.com/clowder-framework/clowder/issues/311</a></li> <li>◦ <a href="https://github.com/clowder-framework/clowder/issues/312">https://github.com/clowder-framework/clowder/issues/312</a></li> <li>◦ <a href="https://github.com/clowder-framework/clowder/labels/bug">https://github.com/clowder-framework/clowder/labels/bug</a></li> </ul> </li> </ul>
Max	no updates
Mike L.	no updates
Todd	<p>Pull requests for extractors-geo - can someone check this? It's causing errors for some projects.</p> <p>Pull request for 2.0 - upload multiple files.</p>
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	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> PDG colab: They need data pipelines for ML &amp; ML training pipelines (see post-meeting email for details). <del>My concern: Codeflare satisfies only a small part of their needs, they primarily need data ops (like Airflow and Spotify's Luigi).</del> Ray Workflows resolve this conflict.</li> <li><input checked="" type="checkbox"/> PDG colab: Recieved data (Commerical via XSEDE, public via Ingmar's Github).</li> <li><input checked="" type="checkbox"/> IN-CORE colab: Recieved labeled data and a plan for creating new data.</li> <li><input type="checkbox"/> Resolve Ray asynccio threading conflict.</li> <li><input type="checkbox"/> PDG: Investigating PDG's current data ingest pipeline to recreate in Ray Workflows. Next deliverable is simple data-loading &amp; pre-processing example.</li> <li><input type="checkbox"/> IN-CORE: Build prototype Ray workflow for satellite image pre-processing.</li> <li><input type="checkbox"/> Add Apple Silicon M1 support for Clowder and Clowder-monitor Docker images via Github Actions flag.</li> </ul> 
Sande ep	
Chen	<ul style="list-style-type: none"> <li>▪ ACSW poster abstract submitted</li> <li>▪ create milestone alpha 2.0 and clean up / create some of the tasks</li> <li>▪ will start to work on error message modal this afternoon</li> </ul>

Katie	
Lisa	

**Action Items/To Dos:**

- Workbench Webinar in 2022 ending CDDR?