

# 2021-08-06 Clowder Dev Meeting notes

## Date

06 Aug 2021

## Attendees

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

## Agenda:

- Advertise 1.18.0 release
- Re-write as we migrate
- Annual Report

## Discussion items:

Who	Notes
Luigi	<ul style="list-style-type: none"><li>• Successfully uploading file and submitting to bridges2 using python paramiko from extractor (PDG project) repository is private at the moment.</li><li>• 2.0<ul style="list-style-type: none"><li>◦ <a href="https://github.com/clowder-framework/clowder2-react-frontend">https://github.com/clowder-framework/clowder2-react-frontend</a> (Chen)</li><li>◦ <a href="https://github.com/clowder-framework/clowder2-play-mongo-seed">https://github.com/clowder-framework/clowder2-play-mongo-seed</a> (Luigi)</li><li>◦ Still prototyping fastapi and mongo examples - will put in GitHub private repository</li></ul></li><li>• Annual report due end of August. <a href="#">Maxwell Burnette</a> <a href="#">Todd Nicholson</a> could you send me some text by the week of the 16th<ul style="list-style-type: none"><li>◦ <a href="https://docs.google.com/document/d/1VybyXtyHuEGleXd1JLgpjKqIVHWrlLsURSyd0KWK6_U/edit">https://docs.google.com/document/d/1VybyXtyHuEGleXd1JLgpjKqIVHWrlLsURSyd0KWK6_U/edit</a></li><li>◦ Anybody have experience with Python Juice for Mongo? Looking for a standard pattern that does not require changing each line individually.</li><li>◦ What are best practices for large code bases using Python? There should be examples out there.</li><li>◦ Discussion about Python and repositories. What is the best workflow to have all the packages using pip that will update other related packages. Max thinks there is a flag you can use for this.</li></ul></li></ul>
Max	<ul style="list-style-type: none"><li>• <a href="https://github.com/clowder-framework/clowder/discussions/260">https://github.com/clowder-framework/clowder/discussions/260</a> seeking comments by next Friday.<ul style="list-style-type: none"><li>▪ ran Luigi's 2.0 branch with silhouette seed, currently using memory vs. Mongo. my intention is to implement a few basic file endpoints using memory mongo to see how we can handle the Future[] signatures. If that goes well, we can go forward with this branch I think. Future return type is required but Clowder does not work in the future. If this goes well, we may not have to do a complete re-write for 2.0 The Mongo DAO's work. Technical discussion of what will make our endpoint faster.</li><li>▪ demo'ing workbench-clowder interaction next week or two</li><li>▪ Structure of code will change. Replication is not having 1:1. Some terminology is different. Current code expects a dataset, not a future. This is a complicated procedure unless we find a middle piece to link them. The Mongo driver is asynchronous and returns futures. The Mongo layer will need to be re-written for 2.0.</li><li>▪ Max wants to try to implement end points next week with a wiki page showing a "how to". Authorization is another piece of the puzzle.</li></ul></li></ul>
Mike L.	Will work with Chen on her PR's.

Todd	geoserver PR's in docker compose. Max will take a look.
Bing	no updates
Mark F	absent
Mike B.	metadata viz in the NoteBooks, <a href="#">start</a> of rdflib to networkx and some graphviz <a href="#">svg</a>
Rob	absent
Michael J	no updates
Sandeep	absent
Chen	<p>working on <a href="https://github.com/clowder-framework/clowder2-react-frontend">https://github.com/clowder-framework/clowder2-react-frontend</a></p> <p>Has two bug fixes open. Please take a look so I can merge. <a href="https://github.com/clowder-framework/clowder/pull/253">https://github.com/clowder-framework/clowder/pull/253</a> Mike Lambert will take a look.</p> <p>Been playing with react frontend and going to the stand alone with the current API. Showed demo. This is a work in progress and will create an explore page</p> <p><a href="https://www.figma.com/file/zeXfCZhx1hzM0A5hcFKd0H/Clowder-%2B-Bootstrap-4-UI-Kit?node-id=2%3A8965">https://www.figma.com/file/zeXfCZhx1hzM0A5hcFKd0H/Clowder-%2B-Bootstrap-4-UI-Kit?node-id=2%3A8965</a></p> <p>Mike Lambert notes React should support routes and parameters as well, but I think there's a plugin for that</p> <p>Yeah it does, I can still use query parameters to pass the fileId/datasetId to a new route. But I'm trying to see if I can avoid that. Cuz I'm using redux, all those information should already be there internally</p>
Katie	absent
Lisa	DataCite still stuck in purchasing. I check on it once a week.

## Action Items/To Dos: