# 2021-08-06 Clowder Dev Meeting notes

## Date

06 Aug 2021

#### Attendees

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

# Agenda:

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

## Discussion items:

| Who        | Notes  |
|------------|--|
| Luigi      | <ul> <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</li> </ul>  |
|            | <ul> <li>https://github.com/clowder-framework/clowder2-react-frontend (Chen)</li> <li>https://github.com/clowder-framework/clowder2-play-mongo-seed (Luigi)</li> <li>Still prototyping fastapi and mongo examples - will put in GitHub private repository</li> </ul>   |
|            | <ul> <li>Annual report due end of August. Maxwell Burnette Todd Nicholson could you send me some text by the week of the 16th</li> <li>https://docs.google.com/document/d/1VybyXtyHuEGleXd1JLgpjKqlVHWrLLsURSyd0KWK6_U/edit</li> <li>Anybody have experience with Python Juice for Mongo? Looking for a standard pattern that does not require changing each line</li> </ul>   |
|            | <ul> <li>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>  |
| Max        | https://github.com/clowder-framework/clowder/discussions/260 seeking comments by next Friday.  |
|            | <ul> <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> </ul> |
|            | 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 asyncronous and returns futures. The Mongo layer will need to be re-written for 2.0.  |
|            | 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.  |
| Mike<br>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<br>B.    | metadata viz in the NoteBooks, start of rdflib to networkx and some graphviz svg   |
| Rob           | absent   |
| Micha<br>el J | no updates   |
| Sande<br>ep   | absent   |
| Chen          | working on https://github.com/clowder-framework/clowder2-react-frontend  |
|               | Has two bug fixes open. Please take a look so I can merge. https://github.com/clowder-framework/clowder/pull/253 Mike Lambert will take a look.  |
|               | 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  |
|               | https://www.figma.com/file/zeXfCZhx1hzM0A5hcFKd0H/Clowder-%2B-Bootstrap-4-UI-Kit?node-id=2%3A8965  |
|               | Mlke Lambert notes React should support routes and parameters as well, but I think there's a plugin for that   |
|               | 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 |
| Katie         | absent   |
| Lisa          | DataCite still stuck in purchasing. I check on it once a week.   |

# Action Items/To Dos: