# 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 | • Successfully uploading file and submitting to bridges2 using python paramiko from extractor (PDG project) repository is private at the moment.<br>• 2.0<br>  ◦ https://github.com/clowder-framework/clowder2-react-frontend (Chen)<br>  ◦ https://github.com/clowder-framework/clowder2-play-mongo-seed (Luigi)<br>  ◦ Still prototyping fastapi and mongo examples - will put in GitHub private repository<br>• Annual report due end of August. Maxwell Burnette Todd Nicholson could you send me some text by the week of the 16th<br>  ◦ https://docs.google.com/document/d/1VybyXtyHuEGleXd1JLgpjKqIVHWrLLsURSyd0KWK6_U/edit<br>  ◦ Anybody have experience with Python Juice for Mongo? Looking for a standard pattern that does not require changing each line individually.<br>  ◦ What are best practices for large code bases using Python? There should be examples out there.<br>  ◦ 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. |
| Max | • https://github.com/clowder-framework/clowder/discussions/260 seeking comments by next Friday.<br>▪ 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.<br>▪ demo'ing workbench-clowder interaction next week or two<br>▪ 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.<br>▪ 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 L. | Will work with Chen on her PR's. |

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| 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, start of rdflib to networkx and some graphviz svg |
| Rob | absent |
| Michael J | no updates |
| Sandeep | absent |
| Chen | working on https://github.com/clowder-framework/clowder2-react-frontend<br><br>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.<br><br>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<br><br>https://www.figma.com/file/zeXfCZhx1hzM0A5hcFKd0H/Clowder-%2B-Bootstrap-4-UI-Kit?node-id=2%3A8965<br><br>MIke Lambert notes  React should support routes and parameters as well, but I think there's a plugin for that<br><br>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: