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. 2.0 - https://github.com/clowder-framework/clowder2-react-frontend (Chen) - https://github.com/clowder-framework/clowder2-play-mongo-seed (Luigi) - Still prototyping fastapi and mongo examples - will put in GitHub private repository - Annual report due end of August. Maxwell Burnette Todd Nicholson could you send me some text by the week of the 16th - https://docs.google.com/document/d/1VybyXtyHuEGleXd1JLgpjKqIVHWrLLsURSyd0KWK6_U/edit - Anybody have experience with Python Juice for Mongo? Looking for a standard pattern that does not require changing each line individually. - What are best practices for large code bases using Python? There should be examples out there. - 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. - 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. - demo'ing workbench-clowder interaction next week or two - 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 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, 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 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 MIke 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: