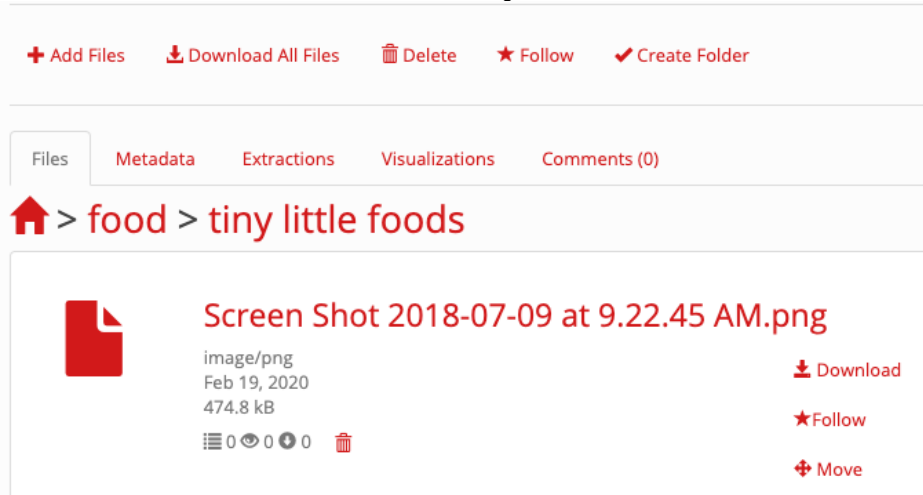


Folder enhancements

Folder functionality could use some improvements from current implementation.

Potential ideas:

- The `/api/datasets/:id/files` list includes all files (including those in folders and subfolders) but doesn't indicate which folder they are in (or if they are in a folder at all). <https://github.com/clowder-framework/clowder/issues/34>
- There is no way I see to get a list of files in a specific folder. <https://github.com/clowder-framework/clowder/issues/35>
- The 'Download All Files' button on the GUI is somewhat misleading inside a folder/subfolder:



- Here, I am in a subfolder 'tiny little foods' and it would be reasonable for someone to expect the button to just download files I'm seeing in the folder. 'Download Dataset' would be a better label (if we don't want to support people downloading folders individually - which would have metadata implications for the idea of dataset vs folder).
- Dragging and dropping a folder from the operating system into the file upload GUI will correctly scan the folder and subfolders, but it adds all the files as a flat list and the folder organization is lost. I would expect the folder structure to be preserved. <https://github.com/clowder-framework/clowder/issues/36>
- On the UI, files have a 'Move' button to move into and out of folders, but the folders themselves do not have such a button. I don't know if the API supports adding a folder to another folder either (see below). <https://github.com/clowder-framework/clowder/issues/37>

Current folder API features for reference:

- Create a new folder
- Move file in a dataset into a folder
- Move file in a folder back out into a dataset (no folder)
- Delete a folder
- Update folder name
- Get list of folder names and IDs by dataset ID