

**Components:**

- Dataset Page, File Upload + Edit Page, File Cards

**Use Cases:**

- A user wants to be able to upload files that are organized into folders and have that information persist in the system.
- A user wants to be able to give a label to multiple files that shows they are related to each other
- A user wants to be able to only view files with a certain label

**Requirements/Questions:**

- Hierarchical tags
  - Displayed as Data:Civil or Data, Civil?
  - Do these carry over into a folder structure when downloaded as a zip
  - How to expose these tags through API? as part of metadata?
  - Limit for how many tags can be created, displayed? is there a see more for tags?
  - If a lower level tag is assigned, does it automatically get parent tag?
  - Different colors for tags? by hierarchy?
  - Once a tag is created is it available to the users in other datasets or dataverses? available to other users, if so, which users?
  - Controlled vocabulary for tags in a dataverse
  - Number of characters allowed for a tag
  - Done only on edit view of files?
  - Do all tags in hierarchy appear on file card?
  - Are tags flattened once on card
  - Does a tag only have one parent?
  - Can a tag belong to multiple parents?
  - Do children labels have any relation to each other? For example, Political Science/USA and Economics/USA
  - Can the same tag name exist more than once, e.g. history used in two different hierarchies
  - Can a file be tagged with more than one parent tag?
- Batch tagging
  - Multiple tags on a file at one time
  - Multiple files for one tag at one time
  - Ability to delete all tags on a file or one at a time
  - Done only on edit view of files?
- Can you click on tags on cards to filter?
- Facet:
  - Need time to make sure this facet will display well in the UI (responsive)
  - Checkbox or filter or combo of both?
- Tag as part of the URL for page/API?
- Are tags searchable?

- Can others tag the files in a dataset? (those without roles on the dataset)
- Manage tag page (suggestion: dataverse page)
- What changes from current settings and attributes for tags
- How will this impact DataTags being displayed
- Tag Versioning:
  - Keep tag histories?
- Is the canonical tag reference an ID or is it just text? Export/Import is greatly simplified if they do not have IDs.