



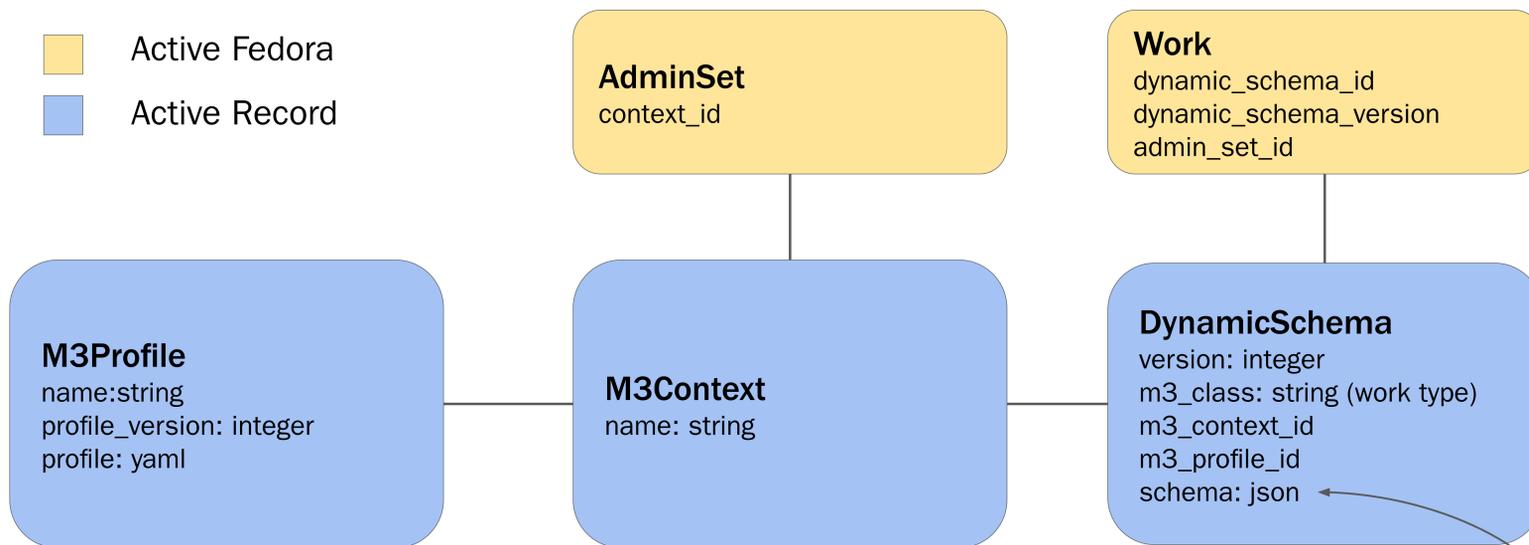
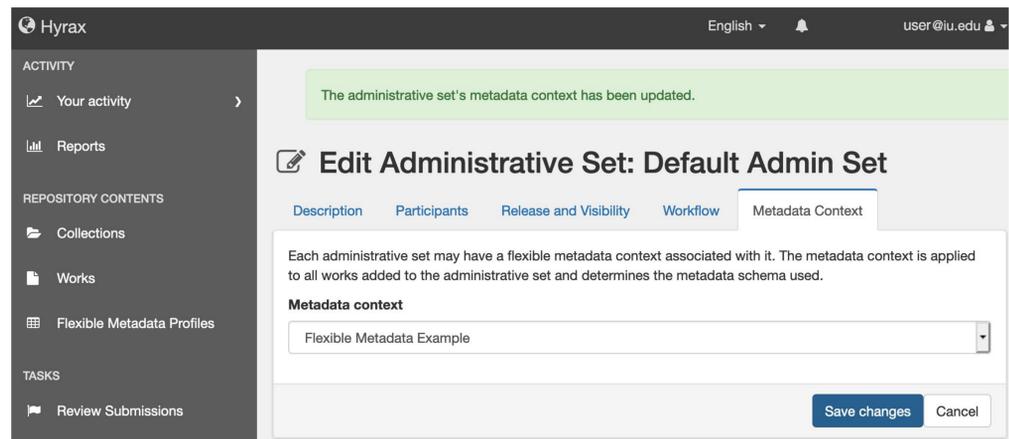
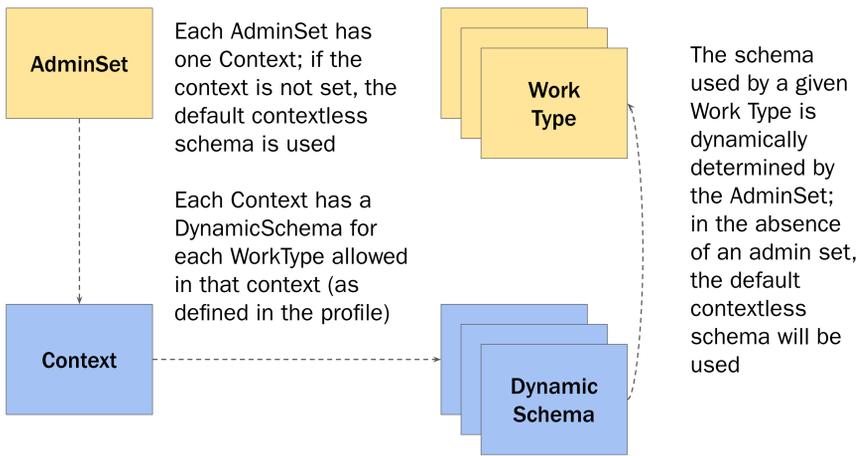
200 YEARS

Flexible Metadata With M3 In Hyrax

With the help of Notch8, Indiana University is implementing the **M3 specification** to incorporate a model for **flexible metadata** in a **real world Hyrax** application. No more editing multiple source files just to add a single field!

HOW WILL THIS WORK?

- At the center of the design, a new Dynamic Schema Service replaces static code in the Model, Indexer, Forms, Presenter and Views
- A new metadata tab is introduced to the dashboard to load schema profiles and configure how they are contextually related to collections



```

https://github.com/samvera-labs/houndstooth/blob/master/examples/hyrax.yaml
...
properties:
  creator:
    display_label:
      default: "Creator"
    definition:
      default: "An entity primarily responsible for making the resource. Examples of a Creator include a person, an organization, or a service. Typically, the name of a Creator should be used to indicate the entity."
    usage_guidelines:
      default: "Record in lastname, firstname order."
    requirement: required
    sample_value:
      - "Butler, Octavia"
    property_uri: http://purl.org/dc/elements/1.1/creator
    available_on:
      class:
        - GenericWork
        - Image
    range: http://www.w3.org/2000/01/rdf-schema#Literal
    cardinality:
      minimum: 1
    index_documentation: "Creator should be indexed as searchable, displayable, and facetable."
    mapping:
      dpla: "http://purl.org/dc/terms/creator"
  ...

```



Extracting the Profile Schema
 gather properties (via property -> available_on -> context/class)
 for each property

- uri (predicate)
- required (via cardinality minimum)
- multiple (via cardinality maximum)
- display label
- usage guidelines
- indexing
- controlled_values