• **Metadata schemas for entity types (DS-4223)**
  • done
  • (REST) Metadata Schemas for configurable entities: https://github.com/DSpace/DSpace/pull/2443
  • (Angular) Metadata Schemas for configurable entities https://github.com/DSpace/dspace-angular/pull/420
  • Docs: https://docs.google.com/document/d/1X0XsppZYOtPbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.wjaqg235p53r
  • does still need decision on field to store the entity type. This is currently set to relationship.type

• **Creating relations with CSV batch import**
  • done
  • (REST) Entities csv import fixes for creating relations https://github.com/DSpace/DSpace/pull/2269
  • (REST) Indirect entity refs during csv import: https://github.com/DSpace/DSpace/pull/2471
  • (REST) Improvements to Entity validation first pass: https://github.com/DSpace/DSpace/pull/2522
  • Docs: https://docs.google.com/document/d/1X0XsppZYOtPbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.df1z7jh9mcc

• **Permissions on Relations**
  • done
  • Docs: https://docs.google.com/document/d/1X0XsppZYOtPbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.y6qarjnylexl

• **Deleting objects with Relations**
  • deletion itself
    • done
    • (REST Contract) https://github.com/DSpace/Rest7Contract/blob/master/relationships.md#deleting-a-relationship
    • (REST) Relationship CRUD: https://github.com/DSpace/DSpace/pull/2332
    • (Angular) Deleting relationships: https://github.com/DSpace/dspace-angular/pull/402
    • Docs: https://docs.google.com/document/d/1X0XsppZYOtPbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.c62y8iqnvlur
  • copy virtual metadata mapping of deleted item to related item
    • in implementation (REST API in internal review, Angular in progress)
  • (REST Contract): Delete item with relationships https://github.com/DSpace/Rest7Contract/pull/78

• **Dynamic display of Relations**
  • done
  • Docs: https://docs.google.com/document/d/1X0XsppZYOtPbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.pm34t6u1djdf
  • needs some usability improvements

• **Submission integration:**
  • creating new Entities using submission forms
    • done
    • (REST) Metadata Schemas for configurable entities: https://github.com/DSpace/DSpace/pull/2443
    • Docs: https://docs.google.com/document/d/1X0XsppZYOtPbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.9aiuxusqzgcnp
  • creating Relations between entities in submission
    • in implementation
- (REST Contract) Support for defining relationship lookups in the submission forms
  https://github.com/DSpace/Rest7Contract/pull/64
- (REST) support for defining relationship lookups in the submission forms: https://github.com/DSpace/DSpace/pull/2472
- Angular: Almost done, Blocked waiting for "add workspace item to submission field"
  Docs: https://docs.google.com/document/d/1X0XspZYOtPtbmq7yXwmu7FbMAflLxxOCONbw0_ri7jY/edit#heading=h.9aiuxusqzcncp

- **Search external sources (ORCID integration with Entities/Authority control)**
  - **in implementation (REST API in review, Angular in progress)**
  - (REST Contract) Entities support for external authority sources https://github.com/DSpace/Rest7Contract/pull/74
  - (REST) Feature: external sources: https://github.com/DSpace/DSpace/pull/2560

- **Convert external source to entity:**
  - admin
    - contract review
  - (REST Contract) Entities: Creating an archived item from an external source: https://github.com/DSpace/Rest7Contract/pull/82
  - submitter
    - contract review
  - (REST Contract) Metadata suggestions in the live import https://github.com/DSpace/Rest7Contract/pull/83

- **Name variants (Additional data for relations)**
  - Create name variants in submission
    - in implementation (REST API in internal review, Angular in planning)
  - (REST Contract) Rename properties and support for name variants: https://github.com/DSpace/Rest7Contract/pull/67
  - (REST) Rename properties and support for name variants: https://github.com/DSpace/DSpace/pull/2488
  - (REST Contract) Configuring whether name variants should be used: https://github.com/DSpace/Rest7Contract/pull/77

- **Display name variants on related item page (Angular only)**
  - done
  - (Angular) Name variants on item pages: https://github.com/DSpace/dspace-angular/pull/496

- **OpenAIRE v4 implementation using Entities**
  - in implementation

- **Item page display of related item in submission/workflow**
  - TODO: needs proposal (Angular only)

- **Edit item integration**
  - TODO: needs proposal (Angular only)

- **Relations in AIP restore and backup**
  - under discussion
  - Proposal: https://docs.google.com/document/d/1X0XspZYOtPtbmq7yXwmu7FbMAflLxxOCONbw0_ri7jY/edit#heading=h.qi8bp6kog7yi

- **Creating relations in SAF import**
  - TODO (after AIP import)
  - Proposal: https://docs.google.com/document/d/1X0XspZYOtPtbmq7yXwmu7FbMAflLxxOCONbw0_ri7jY/edit#heading=h.n8ktliibe7kj

- **SWORD integration**
- TODO (after AIP/SAF import)
  - Proposal: https://docs.google.com/document/d/1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rI7jY/edit#heading=h.xufwyy1ep8h2