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/dspaceangular/pull/420
- Docs: https://docs.google.com/document/d/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/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/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.df1z7jh9mcc

· Permissions on Relations

- done
- Docs: https://docs.google.com/document/d/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/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/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/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/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.pm34t6u1djdf
- needs some usuability 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/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h. 9aixusqzgcnp

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/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h. 9aixusqzgcnp

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/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0 rl7jY/edit#heading=h.gi8bp6kog7yi
- Creating relations in SAF import
 - TODO (after AIP import)
 - Proposal: https://docs.google.com/document/d/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.n8ktliibe7kj
- SWORD integration

- TODO (after AIP/SAF import)
 Proposal: https://docs.google.com/document/d/ 1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.xufwyy1ep8h2