

Keep study as a DTO

Context and Problem Statement

The study holds query and library entries that could be replaced respectively with complex query and fetcher instances. This poses the question: should the study remain a pure DTO object, or should it contain direct object instances?

Considered Options

- Keep study as DTO and use transformers
- Replace entries with instances

Decision Outcome

Chosen option: “Keep study as DTO and use transformers”, because comes out best (see below).

Pros and Cons of the Options

Keep study as DTO and use transformers

- Good, because no need for custom serialization
- Good, because deactivated fetchers can be documented (important for traceable Searching (SLRs))
- Bad, because Entries for databases and queries needed

Replace entries with instances

- Good, because no need for database and query entries
 - Bad, because custom de-/serializers for fetchers and complex queries needed
 - Bad, because harder to maintain than using “vanilla” Jackson de-/serialization
 - ...
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