MetaStore is a metadata repository for managing metadata documents. It supports communities in storing metadata documents in a predefined schema. During ingest, it validates whether the (metadata) document follows the schema. It is therefore an important building block for more precise automated evaluation and/or retrieval of digital objects.

### MetaStore (Schema Registry & Metadata Repository)
- Globally unique and persistent identifier
- Machine-readable interface supporting:
  - Creating metadata/schema documents
  - Accessing metadata/schema documents
  - Update/Versioning of metadata/schema documents
  - Deleting metadata/schema documents
- Supports arbitrary XSD & JSON schemas
- Full access control supported
- **Automatic validation** during ingest
- Support for content search
- Link metadata to data
- Expose (XML) metadata documents via OAI-PMH

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### Architecture
- **MetaStore**
- **Schema Registry**
- **Metadata Repository**
- **Search Engine(s)**
- **AAI Server**
- **OAI-PMH**
- **MSC**
- **Typed PID Maker**

#### MetaStore
- Metadata repository for managing metadata documents. It supports communities in storing metadata documents in a predefined schema. During ingest, it validates whether the (metadata) document follows the schema. It is therefore an important building block for more precise automated evaluation and/or retrieval of digital objects.

#### Service to enable content search for metadata.
Linked via message handler and indexing service.

#### Transform metadata document to a format applicable for search.
Set PID for metadata (document) via external service (e.g. Typed PID Maker supporting Kernel Information Profiles)


### Links
2. OAI-PMH, https://www.openarchives.org/pmh/
3. MSC, https://msc.datamanager.kit.edu