

RDA Metadata Standards Catalog Adoption

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This poster describes the adoption of the Metadata Standards Catalog¹⁾ (MSC) as an output of the RDA Metadata Standards Catalog Working Group for the Helmholtz Metadata Collaboration, which aims to improve research data management inside the Helmholtz Association of German Research Centers.

Why using Metadata Standards Catalog?

- Catalog contains widely used metadata standards
- Browse or search for metadata standards
- Direct access to metadata standards
- Allows registration and management of metadata standards
- Option to link organizations and tools to a metadata standard
- Human readable interface
- Low threshold for access

MSC@HMC²⁾

- Adopted from MSC, version 1
- Adapt to layout of Helmholtz Association
- Use as information platform on metadata standards
- Categorized by the six research fields of the Helmholtz Association

Extensions

- Store associated schemas (XML/JSON) in metastore³⁾
- Add machine readable interface REST API
- Validate metadata documents using machine actionable interface of metastore
- MSC fetch metadata document from scientist
- MSC validates metadata document against metadata schema registered in metastore
- Show result to scientist

Outlook

The next steps are the migration to version 2 of the Metadata Standards Catalog and the validation of JSON documents.

¹⁾ RDA Metadata Standards Catalog, version 2, <https://github.com/rd-alliance/metadata-catalog-v2>

²⁾ HMC Metadata Standards Catalog, <https://msc.datamanager.kit.edu>

³⁾ Metastore, <https://github.com/kit-data-manager/metastore2>

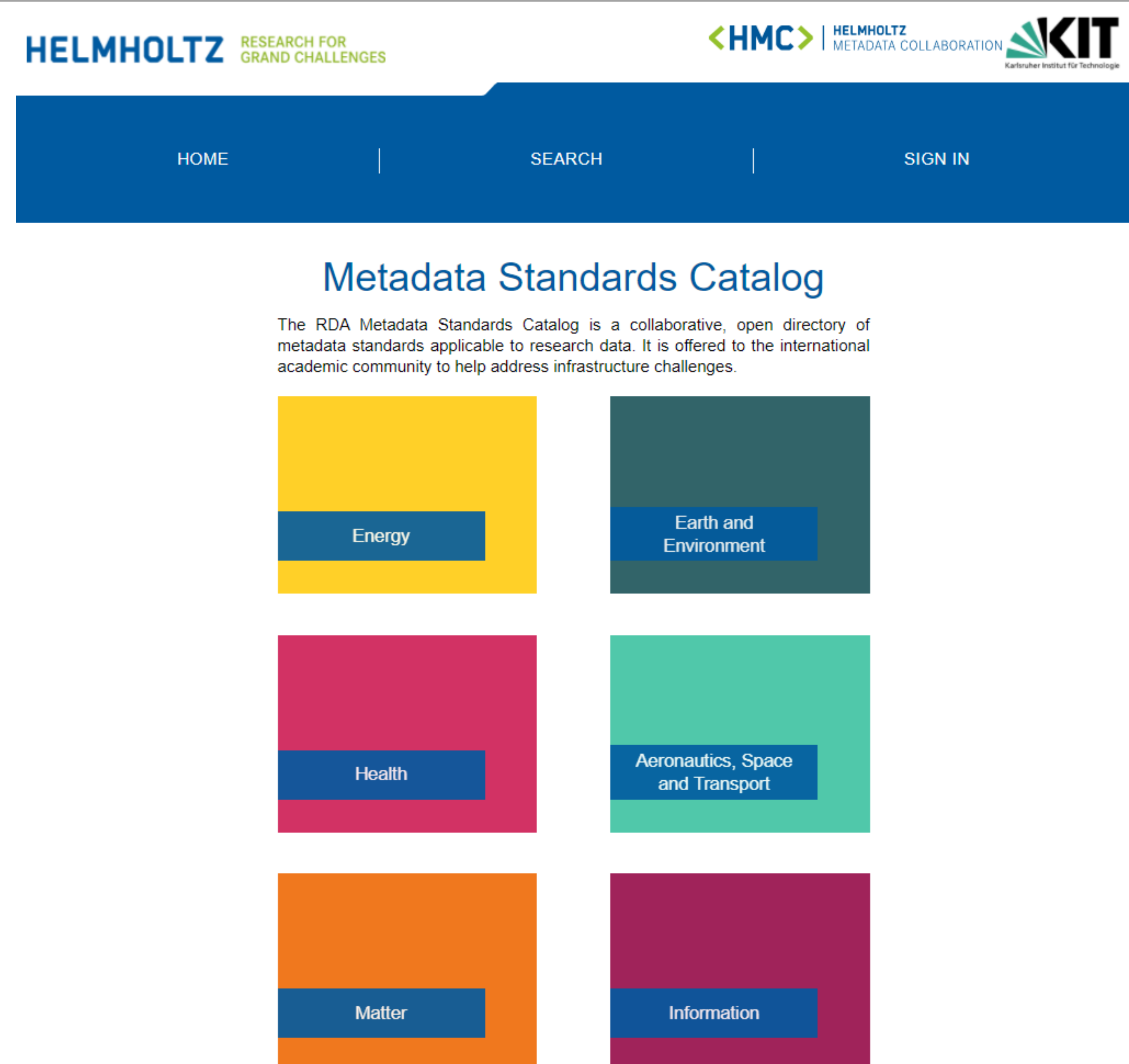


Figure 1: Adapted website for HMC

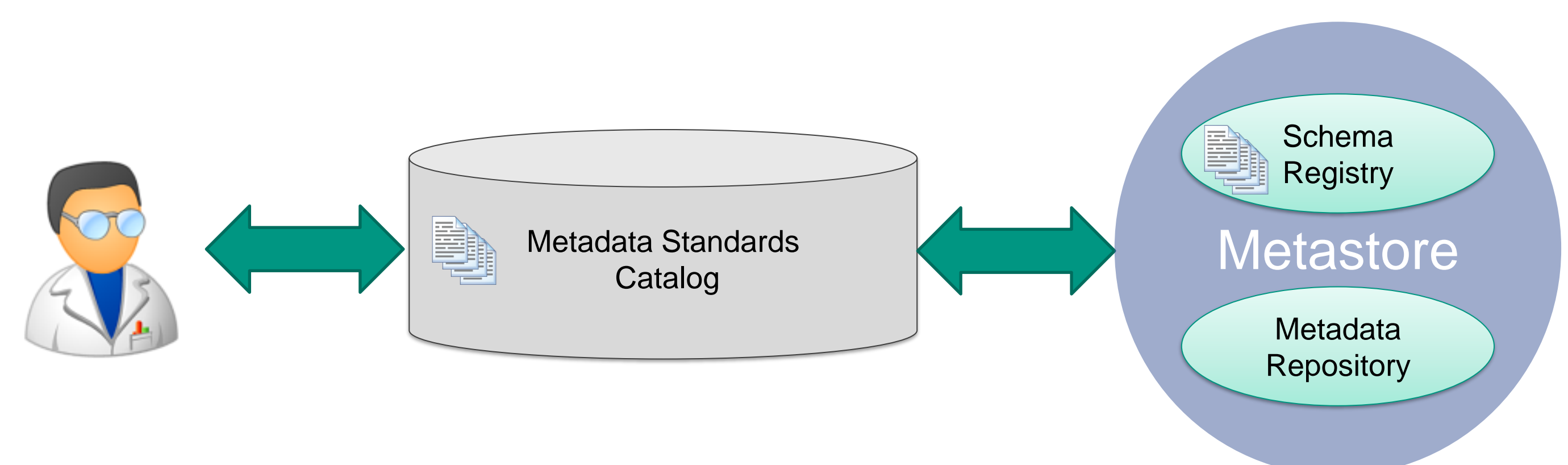


Figure 2: Interaction scientist \leftrightarrow MSC \leftrightarrow metastore

Acknowledgements

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