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Metadata schema for PUNCH Data Portal

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In order to provide PUNCH4NFDI users with digital research products (DPRs) through PUNCH4NFDI Science Data Portal in a FAIR way, one should enable users with the opportunity to discover DRPs (which is achieved by the use of descriptional metadata) and as well provide them with a decent amount of other information for decision-making (such as legal, structural, etc. metadata). Generic metadata standards, such as Data Cite Kernel or Dublin Core, are aimed to be used as a common denominator to describe any known digital or physical resource. These general-purpose schemas are well suited to be used as a base level of field-specific metadata standards. However, extensions are required in order to make particular subject-oriented resources well-discoverable. Thus, a multi-level metadata schema is essential in order to provide a decent user experience within a particular NFDI consortium. The proposals of particular extensions are being built upon the work with available community use cases, which meet the needs of the Data Portal's end users. The design of the metadata schema is well linked to the PID management and the development of a metadata repository.

The contribution will cover the current state of the subject and possible future works.

Type of submission

Talk

Primary author: TOKAREVA, Victoria (KIT)

Presenter: TOKAREVA, Victoria (KIT)

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