

Pathways Core: A Data Model for Cross-Repository Interoperability

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Repository Layer

A number of heterogeneous repositories implement obtain and harvest interfaces from which surrogates of digital objects can be requested. A surrogate is a serialization of a digital object in accordance with the Pathways Core Data Model.

Pathways Core Surrogate

Value-Added Services

Pathways Core Surrogate

An editor collects article surrogates from different repositories, deposits them into the overlay journal repository via the put interface, and then assembles them into a new issue of the journal. The overlay journal repository also supports the obtain interface so a surrogate for the journal issue can be retrieved. The provenance of each article is accurately recorded through lineage links to the original surrogates.

