THE RMAP PROJECT: CAPTURING AND PRESERVING ASSOCIATIONS AMONGST MULTI-PART DISTRIBUTED PUBLICATIONS

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RMAP-PROJECT.INFO

BACKGROUND

Context: The primary unit of scholarly communication is evolving into a multi-part distributed object that can include an article, data, software, and more.

Goal: Create a prototype service to capture and preserve relationships amongst components of a modern scholarly publication

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HOW IT WORKS

1. This publication has multiple distributed components, and a handful of contributors with different roles

2. With URIs representing each item this information can be conceived as a linked data graph. In RMap this graph is called a “DiSCO”*

3. Different institutions may create DiSCOs representing different aspects of the same objects

4. DiSCOs deposited as RDF through REST API (POST /discos/)

5. Data can be retrieved through RMap REST API requests

RMap DiSCO Source: Researcher

RMap DiSCO Source: Publisher

RMap DiSCO Source: Identity Provider

RMap DiSCO Source: Data Repository

* DISCO = “Distributed Scholarly Compound Object”

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