

LOD PLATFORM

@Cult

THE FUTURE OF CATALOGS IS A NETWORK OF SHARED KNOWLEDGE

A platform based on Linked Open Data and the knowledge graph model that transforms bibliographic and cultural data into shared, interoperable and reusable knowledge.

TODAY



LIBRARIES



ARCHIVES



MUSEUMS



DISTRIBUTED DATA



SILOED SYSTEMS



DIFFICULT CATALOGS TO CONNECT

THE CHALLENGE

How can we transform isolated information into shared knowledge?

THE SOLUTION



LOD Platform



LINKED OPEN DATA



ENTITY DATA MODEL



OPEN STANDARDS



COLLABORATION BETWEEN INSTITUTIONS

Enables creating, enriching, publishing and sharing data in an interoperable way.

THE HEART OF THE SYSTEM

ENTITY KNOWLEDGE BASE



PEOPLE



WORKS



ORGANIZATIONS



PLACES

Each entity is unique, authoritative and reusable.

LOD PLATFORM COMPONENTS



AUTHIFY

Enrichment and reconciliation with authority files.



RDFIZER

Conversion of data to Linked Data (RDF) format.



CKB

Knowledge base of core entities.



JCRICKET

Collaborative tool for entity management.



PORTAL

Search, navigation and data visualization.

THE WORKFLOW



1 DATA INGESTION

Collect data from internal and external systems.



2 ENTITY RECONCILIATION

Reconcile and create authoritative entities.



3 EXTERNAL ENRICHMENT

Enrich with external data using authority files and international datasets.



4 CONVERSION TO LINKED OPEN DATA

Transform into RDF and publish according to open standards.



5 PUBLICATION & CONNECTION

Access, reuse and integration with other systems.

THE BENEFITS



GREATER INTEROPERABILITY

Connect data and systems.



REUSABLE DATA

Reuse and add value over time.



INSTITUTIONAL COLLABORATION

Share knowledge between institutions.



CONTINUOUS ENRICHMENT

Improve data with external sources.



GREATER VISIBILITY

Increase data discovery and dissemination.



EASY SYSTEM INTEGRATION

APIs and open standards for simple integration.

FROM A CATALOG TO A KNOWLEDGE ECOSYSTEM

FROM A CATALOG

Isolated records in disconnected systems.



TO A KNOWLEDGE ECOSYSTEM

Entities connected in a network of significance.



CONNECTING LIBRARIES, ARCHIVES AND MUSEUMS THROUGH LINKED OPEN DATA

LOD Platform turns bibliographic data into an open, connected and interoperable knowledge ecosystem.

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