Updates from the Dewey as Linked Data Working Group

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BACKGROUND

Early Exploration of Dewey as Linked Data

- dewey.info:
  - 2009: Summaries in eleven languages
  - 2010: Addition of assignable numbers and captions from Abridged Edition 14
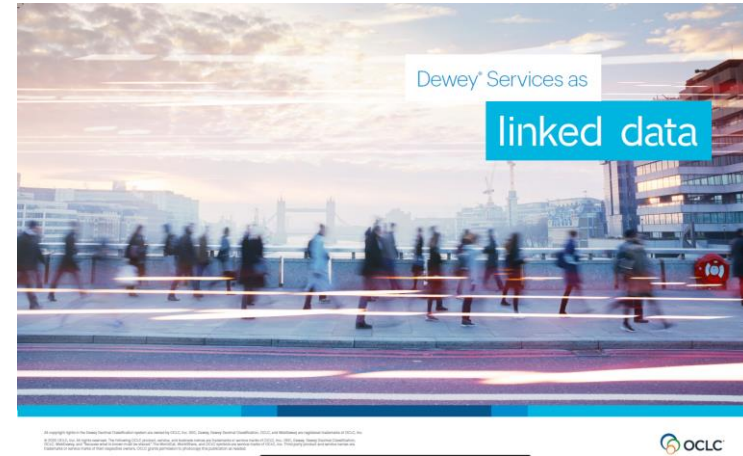 - 2012: Addition of assignable numbers and captions from DDC23

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For linked data to move into common use, libraries need reliable and persistent identifiers and metadata for the critical entities they rely on. This project begins to build that infrastructure and advances the whole field.

Lorcan Dempsey
OCLC Vice President, Membership and Research, and Chief Strategist

2020 Dewey as Linked Data Exploration

- Assessed some of the community benefits

- Estimated level of effort to fully model DDC as linked data

- Investigated how to connect DDC with OCLC's shared entity infrastructure

- Scoped 2021 project

WORK SO FAR

2021 Dewey as Linked Data Prototype

- Build on the work of the 2020 Dewey as Linked Data Exploratory Project

- Progress from principles to prototype

- Demonstrate a scalable and sustainable, multilingual Dewey linked data system

- Including linkages with other Knowledge Organization Systems

- Evolve Dewey beyond MARC and to increased utility

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2021 Project Team Members

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- Elise Conradi, Biblioteksentralen, Norway

- Gert de Jager, University of South Africa

- Tina Mengel, Deutsche Nationalbibliothek

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- Sandi Jones (DDC Product Manager), OCLC

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- Jeff Young (Senior Software Architect), OCLC

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Problems to solve

- How much Dewey data is exposed, and to whom?

- How do we account for versioning and differences between editions and languages?

- How do we model built numbers, or those with captions that are unclear without context (e.g., Other professions and occupations, Substances other than alcohol)?

- How do we integrate the solution with other systems?

Dewey's Central Role in OCLC's Data Strategy

- DDC connecting concepts across cultures and across languages

- DDC available to enrich Creative Work descriptions with Classification

Thank you!

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