Building on Schema.org to describe learning resources

A special session at the International Conference on Dublin Core and Metadata Applications, Copenhagen, 13 October 2016.

The short link for this document is http://bit.ly/lrmiCPH

Agenda

13:30 Welcome & workshop intro (Phil Barker) [slides]

13:40 Fundamentals of Schema.org and LRMI

   An introduction to Schema.org (Richard Wallis)

   A brief history of Schema.org, fast becoming a de facto vocabulary for structured web data for sharing with search engines and others to understand interpret and load into their knowledge graphs. Whist addressing the issue of simple structured markup across the web it is also through its extension capabilities facilitating the development of sector specific enhancement that will be widely understood.

   Richard Wallis is an independent consultant and founder of Data Liberate¹. He is Chair of the W3C Schema Bib Extend working group, and is an active member of the Schema.org W3C Community Group and helping other community groups contribute to Schema.org.

   An Introduction to LRMI (Phil Barker) [slides]

   A short introduction to the Learning Resource Metadata Initiative, originally a project which developed a common metadata framework for describing learning resources on the web. LRMI metadata terms have been added to Schema.org. The task group currently works to support those terms as a part of Schema.org and as a DCMI community specification.

   Phil Barker is a research fellow in computer science at Heriot-University and has worked many years with Cetis, the Centre for Educational Technology and Interoperability Standards.

Questions

What next for LRMI? (Phil Barker)

A round-up of current ideas for what LRMI might do next, which will serve as an introduction to the discussion activity in the second part of the workshop.

14:40 Use of LRMI

   Overview of LRMI in the wild (Phil Barker)

[15:00-15:30 Break]

   The Learning Registry and LRMI (Steve Midgley)

¹ http://dataliberate.com/
The learning registry is a new approach to capturing, connecting and sharing data about learning resources available online with the goal of making it easier for educators and students to access the rich content available in our ever-expanding digital universe. This presentation will explain what the Learning Registry is, how it is used and how it used LRMI / Schema.org metadata. This will include what has been learned about structuring, validating and sharing LRMI resources, including expressing alignments to learning standards, validation of json-ld and json-schema.

Steve Midgley is a Managing Director at Learning Tapestry and former Deputy Director for Education Technology at the US Dept of Education and Director of Education at the Federal Communications Commission.

16:00 What next for LRMI?

This discussion will take the form of a debate that will proceed through three rounds. The first round will be about choosing candidate ideas for future work, the second will eliminate those which are least feasible, and the third will select the highest priority.

[Further details in separate doc.]

17:00 Close

2 https://learningtapestry.com/