





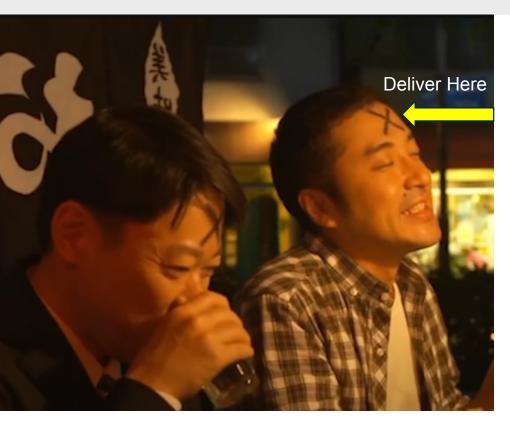
Getting Learning Resources to Learners using LRMI Metadata

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Why Metadata? To Enable an "Amazon for Learning"



Product Market

- have relationships to each other, and to interests of the buyer
- Connects the buyer to entries to allow them to make decisions on logistics
- Discover complimentary or necessary products
- Physical product dimensions (height, weight, length)

Learning Market

- described, relate to each other, and to the abilities of the learner
- Connects the learner to entries to allow them to make decisions on logistics
- Discover tangential learning related to opportunities (job)
- Mental resource dimensions (knowledge, skill, abilities)

Real Products that Use Learning Resource Metadata United States Department of Defense



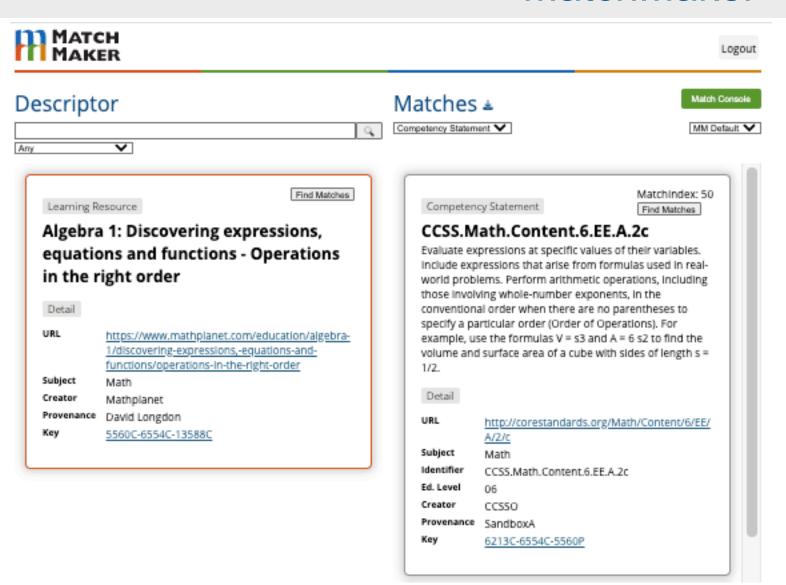
ENTERPRISE COURSE CATALOG

A single Defense-wide training and education course catalog made up of consolidated distributed learning course listings across the DoD which is accessible through a single web-based portal.

Summary

- Not all learning activities are Courses
- But the DoD has a ton of them!
- This capability wrangles them for sharing both the Resources and Opportunities
- Sharing reduces cost and connects learners to learning opportunities faster
- Categorization and linking to competencies
 allow the learner's search results to be more relevant

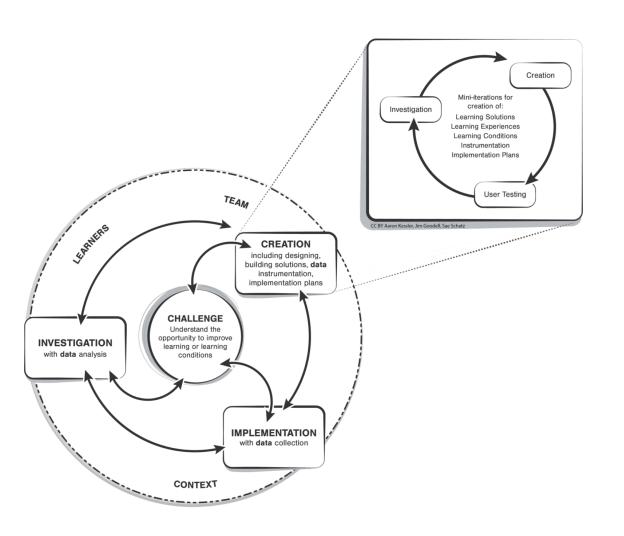
Real Products that Use Learning Resource Metadata MatchMaker



Summary

- MatchMaker employs the LRMI for industry standard learning resource metadata
- MatchMaker's super power is to conceptually match learning elements.
- Employing the LRMI let's us focus on our core competency
- LRMI's open-ness doesn't constrain our business model
- Because the LRMI is baked into P2881
 we can extend the metadata we use

Metadata in the Learning Engineering Process



- Metadata creation previously was thought of as an implementation detail but it really should be within investigation
- Rationale: the who/what/why should be known long before creation
- End state: Metadata always exists in the semantic web, it just connects new resources
- Metadata creation should be a shared activity, not just by roles, but also AI
- Generative AI can write contract proposals from organization documents, gain human approval, then populate metadata properties from models

We Can Help! (The LRMI Working Group, That Is)

Grow Your Idea

- Provide your use case
- We will help with the value proposition
 - and Explore tangent use cases and known partners
- Report your use of the LRMI
 - https://tinyurl.com/42yuw9rz
- Collaborate on implementation details using our expertise in the available standards / vocabulary
- Sign up Text LRMI, Name, and email to 360-223-2453

o FREE

Share Your Idea

- Present your tool that uses metadata to achieve a learning-based outcome
- Discuss the vocabulary used and any use or potential use of standards
- Receive feedback from those with a vested interest in your success
- Join the LMRI Monthly call by emailing andy.johnson.ctr@adlnet.gov or michael@matchmakeredlabs.net
- o FREE