Way Ahead for xAPI

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ADL Initiative
In 15 Seconds, What is xAPI?

- Technical Specification (Targeting Standardization)
- Actor-Verb-Object Structure
- Human and Machine Readable
What is a Learning Record Store (LRS)?

- This, but digital
- Sharing Across Systems
- Mandates Retrieval
What can xAPI Do?

- Limitless Interaction Types
- Separate Data from PII
- Sensor + Performance + Learning Data = Win
What Can xAPI Do?

- Enable ROI Data
- Improved Instruction
- Find Outliers
DoD Applications

- Enable Instructors
- Enable Visualizations and Analytics
- Insight into Competency
• More Refined Data

• Across Sims and HR Systems

• Pinpoint Knowledge / Performance Gaps
DoD Applications

- Considerable Need for DL
- Most Generated by Authoring Tools
- More Reaching To Assist Vendors
Cmi5 for Content Authoring

- Look for cmi5 in Authoring Tools
- LMS + xAPI = cmi5
- Cmi5 Support INCLUDES xAPI Support
xAPI Profile Specification

- Template of Technical Rules
- Validates Sets of Statements
- Employs Semantic Web Principles
What Are These Profiles?

- Traditional Distributed Learning
- Specific Modes of Delivery
- Instructional Types
DoD Instructional Design Profile

• Profile Developed for the U.S. Air Force

• Focus is Verbs in Conjunction with IMI Levels

• Suggest Open Collaboration for Revision and Adoption
xAPI Standardization (Yellow)

- IEEE Approved Working Group
- By Early 2019, re-issued for Ballot
- xAPI a Standard by Ball-drop 2019
Finalized Requirements and Procedures

Establish IEEE group in 2019

Summer of 2020 – a Standard
xAPI Profile Standardization (Grey)

- Slow Evaluation
- IEEE will Give it a Kick in late 2018
- Summer of 2020 – a Standard
xAPI Conformance Testing (Pink)

- LRS Test Suite Exists
- Cmi5/Profile Requirements 2018
- Cmi5 and Profile Software in 2019
- Certification Processes in 2020
xAPI Vocabulary Server (Light Blue)

- Vocabulary Server in Beta
- Policies in place early 2019
- Full capacity end of 2019
- Benefits of 2.0 Established
- IEEE Working Group Early 2019
- Draft Version by Oct 2019
- Release in May 2020
xAPI – The Time Is Now
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Thank You!