Utilizing xAPI to Track Learning Objectives and Skill/Competencies to Drive Business Decisions and Dynamically Adapt Training Content

Paul Schneider, Ph.D
dominKnow
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Paul Schneider, PhD
Paul.Schneider@dominKnow.com
dominKnow
Business Objectives?
Skills and Competencies
What is a Learning Objective

Course Description: In this course, you will be examining the period of the Industrial Revolution to the American Modern Era.

Course Goals:
- Demonstrate ability to recall course material from seven major American historical events from 1877 to the present
- Develop and demonstrate proficiency in writing and verbal skills
- Demonstrate ability to produce quality historical analysis

Learning Objectives:
- Demonstrate the knowledge to chronologically order historical events
- Demonstrate the knowledge to properly identify key figures and issues
- Produce quality historical analysis via assignments and group participation
- Produce a presentation that demonstrates quality verbal skills
- Produce quality historical analysis via assignment and a paper

Learning Outcomes:
- Assignment #1
- Assignment #2
- Assignment #3
- Assignment #4
- Assignment #5
- Wiki Project
- Oral Presentation
- Group Participation
- Wiki Project
- Project
Think About It
1.1 Types of Security Threats

- 1.1.1 Malware and Social Engineering
- 1.1.2 Botnets, DDoS Attacks, Hacking, W

Test Questions

- Sample Multiple Choice Question
- Sample Multiple Pulldowns Question
- 02_Fill in the Blanks
- 06_Short Answer
Setup the Skill/Objectives
Tagging the Content

Objective

The content’s two Learning Objectives/ Skills/ Competencies
Statement

Love

Skill Info
WHY ISN'T ANYONE GIVING ME ATTENTION
### SCORM Settings
- **Exit Behavior**: SCORM Recommended
- **Forced Commit Interval**: 5000
- **Completion Status**: Default
- **Completion Criteria**: Learning/Testing
- **Support High ASCII Characters**: Learning/Testing

### xAPI Settings
- **Objective Adaptation**: Off

### xAPI Statements
- **Anonymize User**
  - Across Projects: False
  - In Same Project: False
- **Include**
  - Outline Statements: True
  - Resource Statements: True
  - Glossary Statements: True
  - Citation Statements: True
  - Drag and Drop Statements: True
  - Action Statements: True
  - Media Statements: True
  - Element Content Statements: True
  - Browser Information in Statements: True

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**Auto Adaptive Publishing**
Objective

The content’s three Learning Objectives/ Skills/ Competencies

Two are the same objectives as before (could be different content)
Security Course: Two

What is happening?

- User who hasn’t completed the competency
  All incomplete competencies are shown
- User who has completed original content
  Content automatically adapts and only new competencies are shown
- For all:
  Tracking for completion of each activity is the same
  Users get completions
  Competencies completed are same....
  When completed in what learning experience will different (parent ID to the competencies)
I don't know who you are, I don't know what you want

Some great xAPI resources!

xAPI Resources <noreply@dominknow.com>
to me

Thank you for participating in the xAPI presentation!

To access xAPI resources and samples, click here

Non Traditional Forms of learning

But if you don't stop sending me invitations to "circles", I will find you, and I will kill you
Voiding Statements
Time to Really Learn!

Spaced Practice Effects

- Practice
- Test

Spaced Learning Curve
Normal Learning Curve
Spaced Forgetting Curve
Normal Forgetting Curve

Designing mLearning, Clark N. Quinn, 2011
Collaborative Learning?

Before I give you my final answer, can I ask the audience or call a friend?

The Norwegian explorer Roald Amundsen reached the South Pole on 14th December of which year?

- A: 1891
- B: 1901
- C: 1911
- D: 1921
What did they do?
What Could You Do?

"Your recent Amazon purchases, Tweet score and location history makes you 23.5% welcome here."