Using the Experience API (xAPI) to capture informal learning to an e-portfolio

Richard Price
Email: Richard@learnal.com
Twitter/LinkedIn: @RichardPriceUK
What Can xAPI Track?

Video Link: https://www.youtube.com/watch?v=l1yDN1BCJMo
A Simple xAPI JSON Statement

```json
{
  "actor": {
    "mbox": "mailto:richard.price@online.liverpool.ac.uk",
    "objectType": "Agent"
  },
  "verb": {
    "id": "http://adl.net.gov/expapi/verbs/experienced",
    "display": {
      "en-GB": "experienced"
    }
  },
  "object": {
    "id": "http://www.surveymonkey.com/s/Survey",
    "objectType": "Activity",
    "definition": {
      "name": {
        "en-GB": "CPD Trends Survey"
      },
      "description": {
        "en-GB": "A survey of current user expectations and usage of electronic and paper-based CPD tracking tools."
      }
    }
  }
}
```
MSc Hypotheses

1. Is there a need for personal online learning record stores to capture Continuous Professional Development activities?

2. Is the xAPI a suitable means of aggregating learning records for an individual?

3. Is there a need for a learner to record a personal reflection of a learning activity or group of activities?
Managing a portfolio of continuous professional development is hard!

(The Real Hypothesis)
Learning activity received loud and clear

Richard Price experienced 'Identifying if the Tin Can API (xAPI) enables learners to take ownership of their training records | Richard Price - Academia.edu'

Screen shot showing the ‘Bookmarklet’ capturing the current browser page and logging it to the e-portfolio.
Richard Price experienced Identifying if the Tin Can API (xAPI) enables learners to take ownership of their training records | Richard Price - Academia.edu

Identifying if the Tin Can API (xAPI) enables learners to take ownership of their training records | Richard Price - Academia.edu

Reflection

An important part of learning, understanding and knowledge retention is to reflect on your learning activity. Why not add a reflection now?

This is some excellent research...

Add this reflection

Screen shot showing the activity now entered into the e-portfolio.
experienced Microsoft Sharepoint 2010 Site Manager course

This course gave an in depth look at the management skills required to develop and create a SharePoint site. It also allowed us to look at the version control, list functions, quiz functions and library creation tools.

Evidence
- Photo

Reflection

[User] added this reflection on 24/03/2015 12:08
Much of the functionality required for the management of a SharePoint site. The Tutor gave clear and precise instructions whilst allowing us to ask questions.

Richard Price 🎓 added this reflection on 24/03/2015 19:47
Hi [User], Congrats on the new job. Hope you are enjoying using SharePoint following the training. If you need any help, you know where I am!
Key findings

• xAPI provides interoperability between systems

• Users indicated that they wanted more control over their learning activity records.

• Great that they could capture informal learning.

• Everyone still hates reflective practice!
Number of different e-portfolios currently in use by participants

- 1 system: 63.64%
- 2 systems: 18.18%
- 3 systems: 9.09%
- 4 systems: 9.09%