E-Portfolio Learning Map

started 2009 November 9

blue boxes are Patrick's comments

Patrick asks:

6 hours 10 minutes to create this section

what's up in the world of e-portfolios?

- concepts
  - Personal Learning Environment
  - Open thinking (related to integrative thinking)
  - artifact - view - access
  - Integrated Content and Learning Management System (LMS/CMS)
  - objectives / rubrics / goals for institutional assessment + accreditation
  - self / digital identity
  - learner centered (vs. instructor- or course centered)
  - lifelong learning
  - lifewide learning
  - distance education
  - "e-portfolio for everyone that starts now" and in higher ed at the government/agency level
  - personalization of learning
  - assessment of learning, specific operations
  - self-assessment
  - formative assessment
  - reflection
  - institutional learning plan
  - Sloan-C Quality in Learning Consortium
  - individual learning styles
  - standards to enable interoperability
- E-portfolios seem to be a nexus of an evolution in consciousness about how humans live and how we can take responsibility for our own lifelong learning. What an intriguing field! I'm glad that this revelation of the importance of reflection and storytelling is crystlling through many educational systems.
- this blog post (linked, by Jerry Lennon), and especially the comments following it, provide an intro to this vibrant perspective
- this aligns with Gala U's vision in some strategic ways.
- this seems to move us towards the eartyvision of the Internet, as a collaborative space where everyone had a homepage...may we yet see the powerful founding visionsof the Internet realized?
- what about interoperability?
  - Portfolio Interoperability Project
  - standards
    - IMS ePortfolio specification
    - LEAP2A standard
- useful links to various EP projects
- reviews of journal articles
  - IS Learning Reviews
  - Information and Software is retrieved for you
  - Terry Bates' website
- groups
  - Interoperability Consortium for Electronic Portfolio Research
  - The ePort Consortium
- events
  - ePortfolio 2009
- scholarly journals
  - Journal of Online Learning
  - International Journal of Emerging Technologies in Learning
- Evaluation of E-Portfolio Software, 2009
- software by license
  - NetBlue open source
    - Mahara
    - Joule (CMS)
    - Tiki
    - social network
  - proprietary
    - DevonEdam (CMS)
    - Mahara (Portfolium)
    - ANGEL (CMS)
  - services, unknown license
    - IMS Global Learning Consortium
    - Sloan-C
    - Interoperability Consortium
    - Learning Consortium (TODAY)
  - other services used to create e-portfolios
    - Google Pages / Sites
    - Linkedin
    - Facebook
    - Myspace
    - Wordpress
  - Blackboard brought WebCT, then Blackboard brought ANGEL, and Blackboard sued DesireToLearn for patent infringement
- OSP
  - Open Source Portfolio
  - developed by Stanford in 2003
  - integrated with Sakai
  - at Sakai
  - at the Journal of Online Learning
  - "I will return to Mahara"
  - "I think it's the same"
  - Using OSP to collect student assessment, program improvement, and accreditation
  - Evaluation of OSP
  - open format, was notes of this node
  - data models
  - OpenEd Practices library
    - to show OSP tools
  - OSP tools
  - developed siteMaPlume
    - OneNotebook Portfolio and Page Companion
- consultants + service providers
  - Linoleum
  - cMaze
  - Portfolium (Canada)
  - Stoneware
- built in
  - forms
  - matrices
  - rosters
  - glossary
  - portfolios
  - portfolio templates, layouts, and styles
  - evaluation
  - reports
  - goal management and data points
  - "goal-aware" workflow seems very useful

why have an e-portfolio?

- Jeff Gaskin of Penn State explains (video 2:20) November 2, 2009
  - dynamic, developmental space
  - becoming standard practice for students, faculty + professionals
  - connect your environment with on the walls
  - "now to watch - I really get to 2.0!"
- "It encourages the celebration of achievements – the wide pallet of skills and interests that a young person has gained both in and out of school."
- boost self-esteem, which is the goal of MOSAIC!
  - Self-esteem with my ePortfolio
- collect and reflect on evidence of formal and informal learning experiences
  - what other tools and methods are available to support reflecting?
- book with answers: Electronic Portfolios: Personal Information, Personal Development, and Personal Values
  - on dreamer UK
  - valuable work to do: integrate this with 8 Shields and Coyote Mentoring
- an e-portfolio can be "successful in supporting reflective and integrative learning and that it can serve as a key component in assessment processes and contribute to the improvement of teaching and learning."
- maybe some ideas in the book (linked): The Learning Portfolio: Reflective Practice for Improving Student Learning By John Zubizarreta
- George Mason University's research implies that portfolios may help make tacit knowledge explicit
- shows from the OSP article
  - OSP might be used to represent the identity, and to capture the knowledge, of experienced professionals, not just newly minted ones. Such portfolios would be powerful resources for those entering and progressing through professions. Such portfolios would also serve a key role in addressing the critical need for intergenerational knowledge transfer as the baby boomers move into retirement.
- the services needed in: develop values and skills in learner and the important role of critical friends in creating a social environment conducive to such development.
- "It change it from "services needed" to "supportive practices"

what is an e-portfolio?

- in Gala U, we don't have e-portfolios, we have portfolios that include a digital presentation + storage component
- "a learning approach rather than a technology."
  - "Reconstruct on the transport value of knowledge, from a static commodity, we construct knowledge and then move to exchange it over time."
- about the portfolio concept
- a tool for social learning, to:
  - collect
  - organize
  - reflect
  - feedback
  - socialize
  - assess
  - revise
  - (from DesireToLearn)
- what differentiates an electronic portfolio from a digital scrapbook or an online resume is the organization of the portfolio around a set of goals, the inclusion of a wide range of learner's reflections, both on their achievement of the standards, and the rationale for selecting specific artifacts, as well as an overall reflection on the portfolio as a whole.
- how to create an e-portfolio: two design cycles
- academically-oriented personal web page
- Wikipedia article
  - article has links to:
  - Learning Map
  - Personal Learning Environment
  - Personal Information Management
  - Personal Knowledge Management
  - Personal Learning Environment
  - Personal Information Management
  - Personal Knowledge Management
  - Mahara - person the Sam Obra connected Mahara and Wikimedia
  - users
    - institutional e-portfolio
    - course / group / communities of interest
    - single person
  - functions
    - support RPL – recognition of prior learning
  - 3 types:
    - developmental (working)
    - reflective (learning)
    - representational (showcase)
  - similar
  - seems to me that a Gala U output includes all 3 of these elements...a reflective timeline that tells a story of what we've been working on and what we've learned, and a selective representational element is perhaps the best present in Gala U outputs The diagram that Jennifer asks SELG associates to include in their Learning Contract and update in each output is close to this, though it's not tailored as a resume per-se.
  - Gala U itself could have a portfolio, and the Presidents Office, or everyone could construct it. Or an internal view created by everyone and a public view curated by the Presidents Office or some other curator.
  - seems by that definition http://www.whitehouse.gov is the Obama Administration's e-portfolio... blog, timeline, achievements, awards, publications, contact info... it has all the elements.
  - outputs as storytelling!!! Yay!
- 3 types, with philosophical background for each type
- Sueen Barrett's thoughts: she's a scholar, and this is distilled from a 2004 blog post. There's more up-to-date stuff online. Her site is http://electronicportfolios.org/
- Electronic Portfolios as Digital Stories of Deep Learning
- Competing Paradigms in Portfolio Approaches
- often advocate for three interconnected systems:
  - an archive of student work
  - an assessment management system
  - a reflection / presentation component
  - the archiving component of each solution is an unfolding from your whatever questions and reflection, digital narrative of learning
- OSP: Open Source Portfolio as described in JCA, article, linked
  - sections for external audiences: "Welcome and Mission Timeline" "Leadership Initiative and Change Mission" "Future Directions" "Appendix: Commitment to Reflective Thinking"
  - functions
    - promote matrix thinking "Matrix thinking" results when students combine the elements of a matrix and use the resulting conceptual framework to think integratively about work initially created in a different context.
    - support "distributed, embedded assessment processes"
    - development of a reflective portfolio is an integrative process, and is supported by "matrix thinking"
  - principles in the tradition of portfolio pedagogy:
    - student creativity in portfolio composition
    - student ownership of portfolio
  - "Assessment processes supported by Mentors can be structured as learning experiences in and of themselves, a characteristic of effective assessment practices more generally (Maki, 2004)."
  - officially defined as: "the process of reflecting on work originally created in another context in relationship to the intersection of multiple dimensions of a shared conceptual framework."
  - using PoDAPO is a learning experience for me
  - PODAPO
    - reminds me of
    - Holistic Management® method of testing a project / decision
    - reminds me of
- 3 types
  - personal (representation)
  - teaching and learning
  - assessment and accreditation
- ELEMENTS on Mahara sees it
  - Profile
  - Blog
  - Journal
  - Resume
  - CONTEXT
  - examples: plugins in e-portfolios
    - Elena: (personal) each page is a tab
    - Elena 2
    - Elena 3
    - Elena 4
    - Elena 5
    - Elena 6
    - Elena 7
    - Elena 8
    - Elena Rosenfeld
    - Elena 9
    - Elena 10
    - Elena 11
    - Elena 12
    - Elena 13
    - Elena 14
    - Elena 15
    - Elena 16
    - Elena 17
    - Elena 18
    - Elena 19
    - Elena 20
    - Elena 21
    - Elena