



Using Google Tools to Develop and Collaborate on e-Portfolios

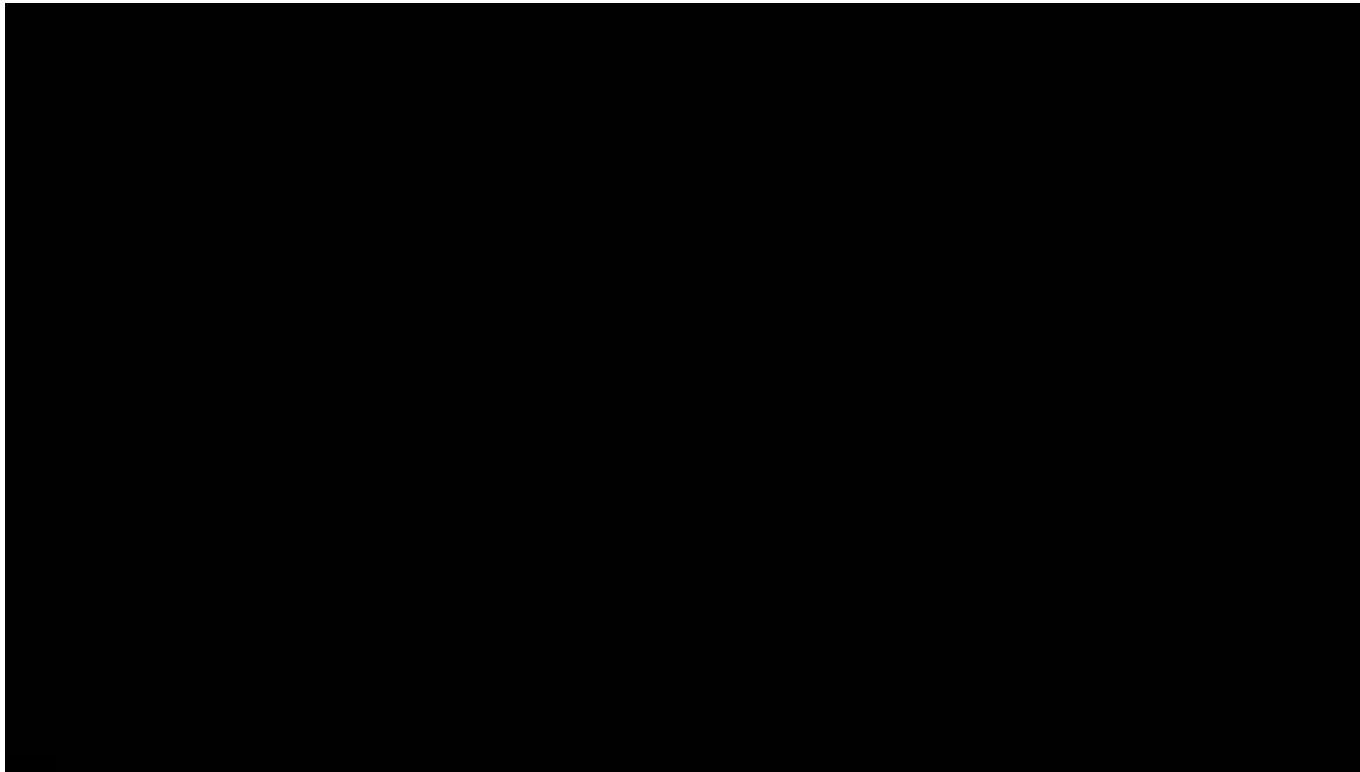
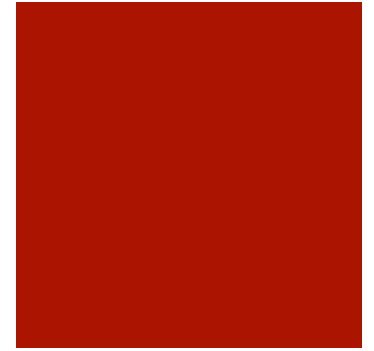
Mike Camden – mcamden@washjeff.edu
Washington and Jefferson College
Feb 1, 2013

Background – Paper-based Portfolios



- Portfolios in Higher Education
- Traditional users of portfolios
- Types of portfolios
 - Working vs. Presentation
- Limitations of paper-based portfolios

Why e-Portfolios???

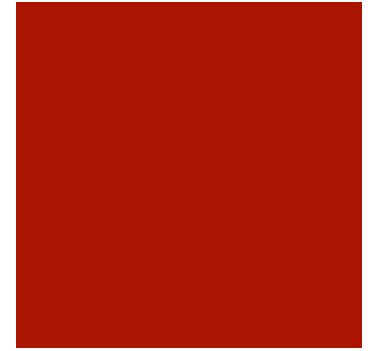


Video taken from University of Derby's YouTube Channel: <http://www.youtube.com/watch?v=YZsfvBqBrcY>

Why e-Portfolios???

- Advantages of an electronic format:
 - Easier portability
 - Allows for interactivity and video
 - Much more effective for showing progress with a working portfolio
 - Much better format if a presentation portfolio is to be a “living document”
 - Better peer collaboration – peer review and assessment; real-time collaborative creation of artifacts

Transition to e-Portfolios



- Early challenges
 - HTML
 - Difficulty with media standards/
Working with media
 - Storage/Hosting
- Often led to more frustration than benefit

E-Portfolios Today

- Many options with WYSIWYG editors
- Options
 - Develop solution in-house
 - Purchase/Deploy dedicated commercial or open/community source options
 - Adapt/Deploy generic Web 2.0 tools

Commercial Solutions (LiveText, PebblePad)

Advantages

- Usually mature product
- Feature rich; usually includes assessment features built-in
- Comes with purpose-specific training, documentation, and support
- Usually SaaS hosted model
- Usually comes with templates for ease of use

Limitations

- Not portable; locked into that toolset – not a “living document”
- Licensing can be EXPENSIVE (both to the institution and to the student)
- Many of the features probably already exist in other campus IT services/paying for duplication
- Can't easily customize
- Doing anything outside of the lines can be VERY complex

LiveText



LiveText™ Dashboard Courses Documents Reviews Forms Com

Document: e-Portfolio Rubric Page: Assessment

Section: Rubric

Section Title		
	Rubric	
	Exemplary (5 pts)	Proficient (4 pts)
Selection of Artifacts 3/14 (21%)	All artifacts and work samples are clearly and directly related to the purpose of the e-portfolio. A wide variety of artifacts are included.	Most artifacts and work sample related to the purpose of the ep
Refelections 3/14 (21%)	All reflections clearly describe achievement/ accomplishments, and are aligned to ISTE's NETS for teachers.	Most of the reflections clearly c achievement/ accomplishments aligned to ISTE's NETS for tea
Use of Multimedia and Citations 2/14 (14%)	All audio and/or video files are edited with proper voice projection, appropriate language, and clear delivery. All images and artifacts follow copyright guidelines with accurate citations. All content throughout the eportfolio displays the appropriate copyright permissions.	Most of the audio and/or video edited with proper voice project appropriate language, and clear Most of the images and artifact copyright guidelines, and most citations are formatted accurate
Layout and Text Elements 2/14 (14%)	The e-portfolio is easy to read. Fonts and type size vary appropriately for headings, sub-headings and text. Use of font styles (italic, bold, underline) is consistent and improves readability. Horizontal and vertical white space alignment are used	The e-portfolio is generally eas; Fonts and type size vary appro for headings, sub-headings and of font styles (italic, bold, unde generally consistent. Horizontal vertical white space alignment

LiveText Dashboard Courses Documents Reviews Forms Community Tools

Courses Main Page > EDUC 581 - 2 > EDUC 581 - 2 Assignments > Portfolio for NETS Teachers and tech Facilitat

Portfolio for NETS Teachers and tech Facilitators

Latest Submission

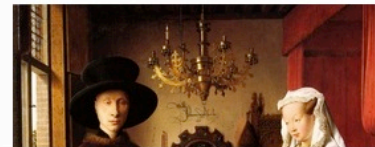
Reviewed / Graded

<u>Lanigan, Sara</u>	Submission Date: Dec 1, 2010	Assessor: Camden, Michael
Artifacts (1)	Grade	Co
Graduate Portfolio - Sara	Pass	C

Graduate Portfolio - Sara

2. Design and Develop Digital-Age Learning Experiences and Ass

Artifact 1...Forum Post on Updating Assignments to Web 2.0 Experiences



Images from <http://c1.livetext.com/misk5/c1/courses>

Open/Community Source (Sakai OSP, Mahara)

Advantages

- Acquisition cost is cheaper than commercial
- Flexibility in modifying code
- Open standards
- Usually includes templates and assessment tools

Limitations

- Not portable; locked into that toolset – not a “living document”
- TCO can be higher than expected – any modifications can cost \$/require in-house development

Sakai Open Source Portfolio

The screenshot shows the 'Portfolios' administration page. At the top, there's a 'Display Name' field with the value 'dasfds-Property Form'. Below this is a section titled 'Build your portfolio pages here'. On the left, there's a vertical menu with several page categories: 'Home Page', 'Goal Statement Page', 'Philosophy Page', 'Work Showcase Page', and 'Resume/CV Page'. Each category has a 'Front Page' and 'Secondary Pages' count, all currently set to 0. The main content area is titled 'Home Page Instructions' and contains text explaining the purpose of the Home page and instructions on how to create and update it. It mentions clicking on the 'Home Page' tab, adding a page, entering a title, and using a text editor. It also refers to the 'ePortfolio User Guide' for more detailed instructions.

The screenshot shows the text editor interface for creating a page. It features a 'Title' field at the top. Below it is a 'Home Page' section with a rich text editor toolbar containing various icons for text formatting (bold, italic, underline, font color, background color), alignment, and other functions. The editor area is currently blank. At the bottom, there's a section titled 'Advanced Add-ons for ePortfolio Pages' with sub-sections for 'Embed Photos', 'Embed SlideShows', and 'Embed Videos'. The 'Embed Photos' section is expanded, showing 'Embed Photo to your Portfolio' and 'Getting Started with Flickr:' instructions. The instructions include a note about logging in to Yahoo! and a list of steps for uploading photos to Flickr: 1. Sign in to Flickr. 2. Click 'Choose photos and videos.' 3. Search for photos to upload and set privacy to 'Public.' 4. Click 'Upload Photos and Videos.' 5. Optionally, enter titles, descriptions, and tags.

Images from <http://openedpractices.org/tag/portfolio>

Adapt/Deploy Generic Web 2.0 Tools (Google Sites, Wiki/Blog, etc)

Advantages

- Acquisition cost
- Familiarity with using Web 2.0 tools among students = short learning curve
- Portability – Available as a “living document”
- At W&J, we are already using Gmail-based toolset for student email

Limitations

- Assessment support is not built-into the tool; faculty/instructional technologist must develop

Google Tools at W&J



- Why we choose Google Tools for our e-Portfolios:
 - See advantages on the previous slide
 - Complete set of tools included in Google Tool suite for our needs:
 - Sites for hosting
 - Docs/Drive for videos and file storage
 - Real-time collaboration with docs, sheets, and slides
 - Seamless YouTube integration
 - Google Forms for surveys
 - Easy to share internally and externally
 - Longevity/Solvency of Google and Google Tools

Google Sites Examples



- Logan:

<https://sites.google.com/site/logandillingereportfolio/>

- Ryan:

<https://sites.google.com/a/jay.washjeff.edu/rvep/home>

- CJ:

https://sites.google.com/a/jay.washjeff.edu/cjc_eportfolio/home

Lessons Learned and Take-Aways



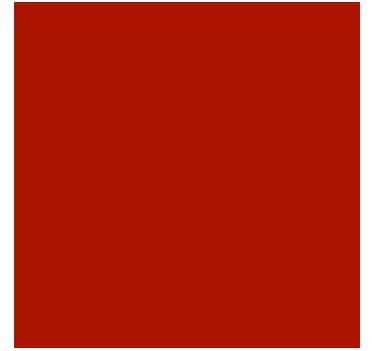
- Single sign-in is important. Much more successful at W&J after integration with student email
- Stakeholders must work together to develop best solution that meets needs; no “one size fits all” solution
- Someone (staff) must be knowledgeable and available for hands-on work with students and faculty
- Multi-media support is critical – how to handle conversion of various video codecs, embedding audio, storage size/bandwidth for resources, etc

Lessons Learned and Take-Aways (Cont)



- Portability/Access after graduation is important for presentation e-Portfolios
- Privacy and access for those who need it (reviewers, assessors, contributors, etc)
 - Privacy of the student doing the portfolio as well as those included in it (K-12 education)
- Choosing the right platform – how long will that vendor be around

E-Portfolios at W&J



Questions?