

Role and Implementation of Electronic Portfolios: Digital Stories and Web 2.0

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Creating Electronic Portfolios with GoogleDocs

Part 2
Hands-on Workshop
Saturday
Links for workshop:
electronicportfolios.org/mie/

Workshop Overview

- ❖ You will:
 - See examples of online portfolios
 - Create a framework for an online portfolio using GoogleDocs
 - See how to add voice to an electronic portfolio through podcasting and digital storytelling

Introductions and Essential Questions from audience

- ❖ What are your questions about constructing electronic portfolios?

Discussion and demonstration: Online Electronic Portfolios

- ❖ Show my GoogleDocs portfolio and a few of the other portfolios that I have created with other tools
- ❖ Show the sample portfolio that we will be creating together with GoogleDocs

Choosing a tool to use

- ❖ We have chosen to use GoogleDocs for this workshop.
- ❖ The process could be repeated with any number of online tools, such as WordPress, a wiki, or a web page editor
- ❖ The advantage of GoogleDocs is that you can create and publish easily - and it is compatible with Japanese language.

Sign up for a Google account:

- ❖ <https://www.google.com/accounts/NewAccount>
- ❖ Write down your user name
- ❖ and password



Step 1: Purpose

- ❖ What are you trying to show with this portfolio?
- ❖ Are there outcomes, goals, or competencies that are being demonstrated with this portfolio?
- ❖ In this example, we will use an electronic portfolio to provide formative feedback on student work.

Organizing the Portfolio

- ❖ For this exercise, we will use the enGauge 21st Century Skills
 - **Digital-Age Literacy**
 - **Inventive Thinking**
 - **Effective Communication**
 - **High Productivity**

Set up the first page

- ❖ Create a new Google Doc Page
- ❖ Type “My Portfolio” on the first line (that becomes the name of the document)
- ❖ Create several sections on the page:
 - Introduction to my portfolio (Purpose and audience)
 - Vita or Resume
 - Biography
 - Goals (Academic or Professional)
- ❖ *Note: the Introduction is the first page people read, but usually the last page that is written, like an Executive Summary or Abstract.*

Step 2: Collection and Selection

- ❖ What artifacts will you include in your portfolio?
- ❖ Create a digital archive of work
- ❖ For this exercise, we will create a list of possible artifacts, and assign them to one or more of the skills.

Set up an Artifacts Page

- ❖ Create a second page in GoogleDocs
- ❖ Type in Artifacts on the first line - that will become the name of the document.
- ❖ Create a table on the page 5 columns wide, 5 rows long
- ❖ Type in the name of the skills on the first row in columns 2-5
- ❖ We will brainstorm a list of artifacts that might meet each skill, and place a mark under the appropriate column



Set up a Skills Page

- ❖ Today, we will create a single page, listing all four skills - in a real portfolio, there could be a page for each competency
- ❖ Create another GoogleDocs page
- ❖ Type "Skills" (or Competencies) on the first line - That will become the name of the file.
- ❖ Copy the skills into the page (see translated list of skills)
- ❖ Create a divider between each section
- ❖ Add a bookmark for each section (skill)
- ❖ Create hyperlinks at the top of the page to each section (hyperlink to each bookmark)



Stage 3: Reflection

- ❖ Under each skill, add these three questions:
 - **What?** (My Artifacts)
 - **So What?** (My Reflection on how these artifacts demonstrate that I have met this skill)
 - **Now What?** (My future learning goals related to this skill)
- ❖ We do not have time in the workshop to write these reflections... we have simply provided the space for later reflection



Fine-tuning the portfolio

- ❖ Return to the first page (Portfolio)
- ❖ Add navigation links to the other pages (hyperlink to another GoogleDocs page)
- ❖ If there is time:
 - Use graphics and formatting to add individuality and creativity to the portfolio document
 - Add your picture to the first page
 - Hyperlink to some web pages or artifacts that are online



Step 4: Collaborate

- ❖ Use the Collaborate function in GoogleDocs, along with Comments
- ❖ Invite your partner to Collaborate Click on Collaborate and Invite your partner to collaborate (use their google account)
- ❖ Practice providing comments and editing each other's documents



Revisions

- ❖ Select the revisions to see the changes you made to the document, and those that your partner made.
- ❖ This is an excellent way to track the participation on collaborative documents.

Congratulations!

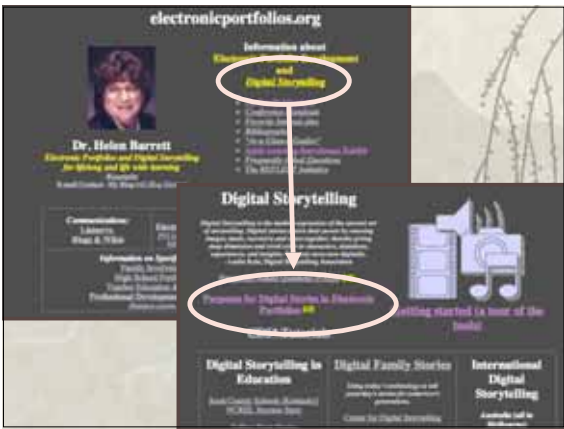
You have created your first outline for an online portfolio using GoogleDocs.

Adding Voice to Electronic Portfolios

A brief introduction to Digital Storytelling

Website with links to movies

<http://electronicportfolios.org/digistory/purposes.html>

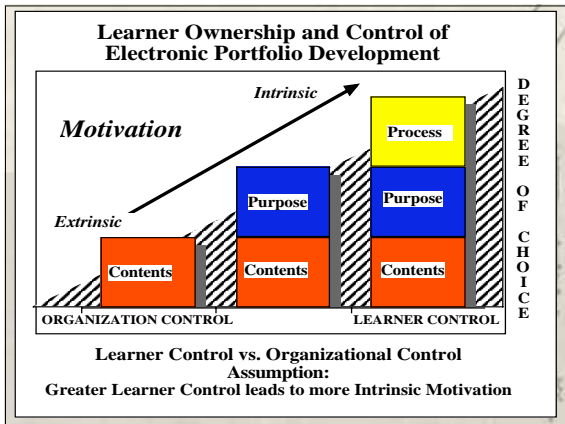


Digital Storytelling Process

- ❖ Learners create a 2-4 minute digital video clip
 - First person narrative [begins with a written script ~ 400 words]
 - Told in their own voice [record script]
 - Illustrated (mostly) by still images
 - Music track to add emotional tone

Digital Stories and e-Portfolios

- ❖ highly motivating project-based learning activity
- ❖ powerful artifacts in electronic portfolios
- ❖ Importance of reflection in e-portfolios
- ❖ Tools for scaffolding reflection: blogging and digital storytelling
- ❖ Storytelling: reflection on experience to improve learning (McDrury & Alterio)
- ❖ the role of reflection in brain-based learning (Zull)



A Dozen Purposes for DS in EP

- ❖ **Introduction of Self**
 - Voice & Personality
 - Legacy
 - Biography
 - Memoir
- ❖ **Reflection**
 - Transition
 - Decision
 - Benchmarking Development
 - Change over Time
- ❖ **Rich Digital Artifact**
 - Evidence of Collaboration
 - Documentary
 - Record of Experience
 - Oral Language

Reflection - Transition

- ❖ Some learners reflect on the major changes or transitions in their lives.
- ❖ Reflection can help us make sense of these changes.
- ❖ Telling digital stories could also help the transition to retirement or any other major life change.

Coming Full Circle & Deana



Reflection - Decision

- ❖ Digital stories can be used to either weigh the options in a decision to be made
- ❖ or document the process used to make decisions.

Choices



Record of Experience

- ❖ Often no concrete product that can be represented in a discrete artifact.
- ❖ could be used to reflect on and document an experience
- ❖ could provide the final evidence of a project-based learning activity

Chevak



Rich Digital Artifacts

- ❖ Documentary
- ❖ Example from Hitoshi Susono's students

How to Develop Digital Stories

Process and Tools

(see web link)

Process to develop digital stories

1. **Script development:** write the story, often with a group called a story circle to provide feedback and story development ideas
2. Record the author reading the story (**audio recording and editing**)
3. Capture and process the images to further illustrate the story (**image scanning and editing**)
4. Combine audio and images (and any additional video) onto a timeline, add music track (**video editing**)
5. **Present or publish** finished version of story

Tools - Audio

❖ Mac	❖ Windows
- <u>Audacity</u> O/S	- <u>Audacity</u> O/S
- <u>SoundStudio</u> (\$50) T=14 days	- <u>Audio Record Wizard</u> (\$25 S/W)
- <u>GarageBand*</u> (Apple's iLife06 Tools)	- any Windows-compatible audio recording program
- iPod and microphone	

Tools - Image Editing

❖ Mac	❖ Windows
- <u>iPhoto*</u>	<u>GIMP</u> (O/S)
- <u>GIMP</u> (O/S)	<u>HP Image Zone Express</u>
- <u>Graphic Converter</u> (\$30 S/W)	<u>Graphic Converter</u> (\$20 S/W)
- <u>Photoshop Elements</u> (\$100) T= 30 days	<u>Photoshop Elements</u> (\$100)** T= 30 days

Tools - Video Editing

- ❖ Mac
 - **iLife Tools: iMovieHD & iPhoto & Garage Band**
*Bundled free with new hardware or OS
 - **Photo To Movie** (\$50) T= watermark
 - **Pro Tools: Final Cut Express (\$\$)**
 - **Final Cut Pro (\$\$\$\$)**
- ❖ Windows
 - **Microsoft MovieMaker2**
 - **PhotoStory3**
 - **Slide Show Movie Maker**
 - **Photo to Movie** (\$50) T= watermark
 - **Pinnacle Studio** (\$80-\$99) T= 15 days
 - **Ulead VideoStudio** (\$100) T= 30 days
 - **Adobe Premiere Elements** (\$100)** T= 30 days

Microphones



Belkin TuneTalk



Samson USB Mic

Web 2.0 Production Tools

- ❖ **Collaborative writing tools** (for script development and collaborative writing):
 - **GoogleDocs** or any **wiki**
- ❖ **Audio editing tools** (primarily created to capture and publish podcasts online):
 - odeo.com, podomatic.com
- ❖ **Video editing tools** (primarily created to create and publish short video clips online):
 - BubbleShare.com, JumpCut.com, PrimaryAccess.org

Web 2.0 Publishing Tools

- ❖ **Image sharing tools** (primarily created to share images online):
 - Flickr.com, PhotoBucket.com
- ❖ **Media publishing services** (primarily created to share video online):
 - vimeo.com, ourmedia.org, youtube.com

Digital Paper or Digital Story?

Digital paper = text and images only
Digital story = tell your story **in your own voice**.
Multimedia = audio and video

What's Your Story?

Richness not possible in print
Audiences worldwide but most likely small and intimate.

My Final Wish...

May all your
electronic portfolios
become dynamic
celebrations and stories
of deep learning
across the lifespan.

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