

## *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/](http://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!*

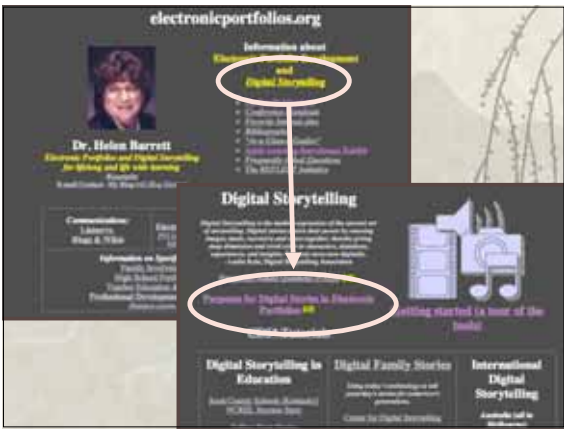
You have created your first outline for an online portfolio using GoogleDocs.

*Adding Voice to Electronic Portfolios*

A brief introduction to Digital Storytelling

*Website with links to movies*

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

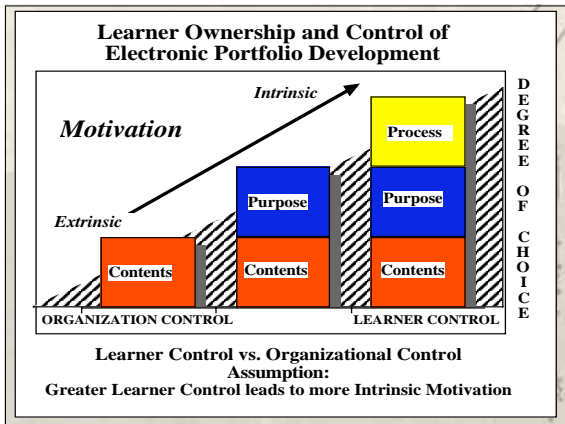


*Digital Storytelling Process*

- ❖ 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)



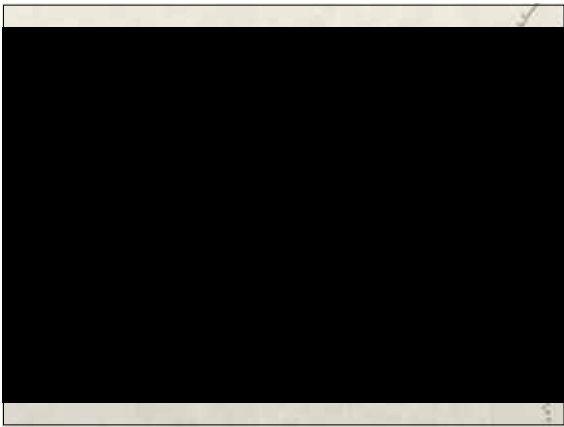
*A Dozen Purposes for DS in EP*

- ❖ **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.

## *Dr. Helen Barrett*

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