**ePortfolio: Past, Present and Future**

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**Past**

1991~1996
- Dedicated desktop applications (Scholastic, Grady Profile) - K-12

1997~2001
- Internet-compatible formats (PDF, HTML) - Higher Ed
- Small-scale implementation
  - Classrooms, Courses, Individuals

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**Present**

2001~2004
- Increasing interest in Higher Ed
- NLII & Industry focus (Educause)
- Decreasing interest in K-12 in U.S. (NCLB)
- Commercial Market emerging
- Institution-wide implementation
  - Programs, campuses, Boards of Education
- From desktop/CD to the WWW

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**NLII e-Portfolio Definition**

- A collection of authentic and diverse evidence,
- Drawn from a larger archive representing what a person or organization has learned over time
- On which the person or organization has reflected, and
- Designed for presentation to one or more audiences for a particular rhetorical purpose.

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**Electronic Portfolio Development**

**Publishing environments:**
Optical media (CD-R, DVD-R) or WWW

**Authoring environments:**
Common Tools or Customized Systems

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**Common Desktop Tools**

- Office - Word, Excel, Powerpoint
- Hypermedia authoring tools - HyperStudio
- Inspiration or Kidspiration (mind mapping)
- Adobe Acrobat
- HTML Editors - Front Page, Dreamweaver, Netscape/Mozilla Composer
- Multimedia Authoring
  - Macromedia Director & Flash, Ezedia
My evaluation study of online software, services, or strategies

- [http://electronicportfolios.org/myportfolio/versions.html](http://electronicportfolios.org/myportfolio/versions.html)

**Under On-line Publications**

- To date, recreating my new portfolio using **17 different software packages, services, or strategies**

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**Online Portfolio Tool Characteristics**

- Custom-designed Electronic Portfolio Systems
  - (A) system includes database to align artifacts to standards
- Free Server Space
- Open Source Software
- Commercial Software - primary market: Higher Ed, Teacher Ed, PK-12, Any
- Content Management System (CMS)
- Web Log Software or Journal - “Blogs”
- License agreement with - individual or institution
- Hosting - Hosted: resides on a centralized server; Server: software installed or data stored on own server space
- Cost & Storage space available

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**Conclusions**

- Too early to judge
- Scales applied to each system
  - “Trade-offs” - “Balance”
  + Creativity
  + Ease of Use
  + Cost/Storage & ROI
  + Features
  + Flexibility/Customization Allowed
  + Integration with Assessment System
  + Transfer & technology skill development

They each exhibit trade-offs between the flexibility inherent in an HTML-based tool with the relative ease-of-use but lack of creativity in a system built on a database.”

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**Brainstorm at your table**

**Alternative Futures**

- **Possible - 2005-2015**
  + State/National implementation
  + “an e-portfolio for every citizen by 2010”
  + Workplace and life-wide/life-long development
  + Multiple publishing formats
  + WWW, CD, DVD, ???
  + Use of multimedia - moving beyond static text and images
  + Focus on reflective digital storytelling

**Future - Possible**

- **2005–2015**
  + PlayStation Personal - handheld devices for future training
  + iPod, cell phone, Palm, tablet computers, handheld computers
  + Trio and Blackberry

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Future - Possible

+ 2005-2015
+ 1 credit course on eportfolios
+ Capstone requirement
+ Integrated with business/industry database
+ PDA/cell phone - ubiquitous
+ Personal information manager - biometrics & medical information

(Maricopa Community Colleges, Feb 25, 2005)

Future - Probable

+ 2005-2015
+ More creative use of technology to support assessment of/for learning (Who among us predicted the WWW in 1990?)
+ Increasing use of networks to support learning communities - both human and technological
+ Technology becomes more ubiquitous... and invisible
+ Cradle to Grave - responsibility of families

Future - Probable

+ 2005-2015
+ Cell phone -
+ Broadband - increased use of multimedia
+ Personal video creation

(Maricopa Community Colleges, Feb 25, 2005)

Future - Preferable

+ 2005-2015
+ At the point of learning and reflectively
+ Move away from high stakes to portfolios
+ Lifelong tool
+ Extremely easy and creative
+ Open standards

Future - Preferable

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

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