Managing Portfolios With a View to Sustainability

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Overview

- ❖ Considering the *ilities*
- ❖ What is sustainability
- ❖ Example of Rice University Projects
- ❖ Why sustainability as a decision factor

The ilities

- ❖ Systems Engineering thinks about the *ilities* as a non-quantifiable requirement
  - – Usability, maintainability, scalability, availability, extensibility, security, portability
- ❖ *Ilities* measure quality
- ❖ Bottom line: how well does the system stand up to change over time
- ❖ Ultimate *ilitity* in higher ed: sustainability

Sustainability

- When a new project comes along, can it be sustained
- Core staff, core infrastructure, minimum customization
- Separate project-specific interfaces from long-term support
- Build from previous experience/code
- Balance stakeholder desires with what's realistic

Example of Rice U. Projects

- ❖ Accommodate all collections in DSpace
- ❖ Our Americas Archive Partnership
  - – Management of digitized collection separate from presentation interface
  - – Lessons learned from Travelers in the Middle East Archive (TIMEA) project
- ❖ ECE Publications
  - – Citation formats for every collection, regardless of format used
- ❖ Music performance organizational rubric
  - – Think about different ways to represent collections

Sustainability as a Driver

- ❖ Change is constant; support must also be constant
- ❖ Finite resources must keep growing collections current
- ❖ Sustainability = growth = quality