Standards for Sustainability: Ensuring Sustainable Programs with It Takes a Village

Technology Facet - Panel Discussion
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COLUMBIA UNIVERSITY LIBRARIES

Facet: Technology

- Phase I Goal - Turn an idea for an application into a viable product that serves the needs of the community.
- Phase II Goal - Refine the application, identify and strengthen areas that are working well, identify gaps that can be filled with new features and functionality, and phase out elements that are not working.
- Phase III Goal - Determine how the core application's technology stack and functionality will serve the future needs of the community, plan ahead for expansion, integration, re-architecture, or retirement.

Phase III Example: Fedora Repository Software

- Fedora 4 - in production for three years
- Shift towards stability, dependable infrastructure, with regular updates
- Development of Fedora REST-API specification

Phase II Example: Library Simplified/SimplyE

- Library Simplified and SimplyE - Phase II
- Incredible success for public libraries
- Opportunity to refine software, identify features for academic community
- Engage academic community in requirements gathering and identifying functional specifications
- Explore integrations with existing academic systems (such as identity management) to open up the program to new users

Moving Forward in Academia

- Listen and Engage Community - Library & IT leaders, faculty, students
- Gather Data - different types of higher ed institutions, different needs
- Communicate with Stakeholders - multiple levels, multiple approaches
- Integration - with campus-wide infrastructure, existing applications

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