

ACTI Presentation at ACTI/CSG 2012 Joint Meeting

January 10, 2012

www.educause.edu/acti12

About ACTI-MWF

- EDUCAUSE Advanced Core Technologies Initiative (ACTI) Working Group
- ACTI-MWF (Mobile Web Framework) is 1 of 5 ACTI Working Groups
- This group was created during the July 2011 ACTI membership meeting
- First call of the group was held in October 2011

Mission of ACTI-MWF

- Promote Mobile cooperation across Higher Ed Institutions by:
 - Developing a methodology for evaluating mobile frameworks
 - Identifying commonalities in mobile-consumable web services (e.g., SIS, LMS, collaboration tools, etc.) to meet the device-agnostic requirements of higher education.
 - Sharing strategies on how to mobile-enable a campus environment.
 - Finding ways to leverage mobile environments to support faculty, students, and researchers.
 - Exploring ways to share effective community-developed mobile tools for learning and research.

ACTI-MWF Team Members

Co-chairs

- Rose A. Rocchio, Director of Education and Collaborative Technologies, UCLA
- Mojgan A. Amini, Campus Web Office, UC San Diego

Working Group Members

- Vijay K. Agarwala, The Pennsylvania State University
- Phillip Berres, University of Southern California
- Mary Ann Blair, Carnegie Mellon University
- Jill Forrester, Dickinson College
- Serge J. Goldstein, Princeton University
- Rifka Mayani, Kennesaw State University
- Galen Mayfield, North Dakota State University
- Hideko J. Mills, University of Wisconsin-Madison
- Alan Takaoka, University of Chicago
- Lori Tirpak, Oakland University

Staff Liaison

- Karen A. Wetzel, Program Manager, EDUCAUSE

Main Goals for 2012

- Define categorized evaluation criteria for Mobile Frameworks
- Conduct Mobile Framework evaluation
- Publish Mobile Framework evaluation matrix and summarized review
- Publish supporting guidelines for selecting and implementing a Mobile Framework
- Publish supporting glossary of terms
- Define mobile-consumable standards-based Web Service interfaces focusing on higher education systems and common needs. (LSM, events, maps, tours, dining, etc.)

Recent activity – Mobile Framework Analysis

Defining Criteria

- Defining key criteria to evaluate a Mobile Framework products.
- Providing brief description of each criterion for added clarity.
- Done Collaboratively via Google Docs
- Show defined criteria list

Identifying Mobile Frameworks

- Selected those with highest prospective usage, those that are being used by the working group institutions, and those with biggest traction today.
- Reduced list down to manageable amount
- This is not intended to be a definitive list of Mobile Framework products out there. It is intended to be a manageable number of top products that fit in the 'higher ed' realm.
- Will keep list updated on an annual basis – fast moving field!
- Show selected frameworks

Evaluation Process

1. Create template for rating/evaluating each framework (ie. Google spreadsheet)
2. Assign 2 institutions to each framework for evaluation and input
3. Each institution evaluates assigned framework by researching, contacting the framework company/team, asking colleagues, creating proof-of-concepts, etc. – this is the most important and time-consuming part!
4. Gather all input via google form/spreadsheet or other such collaborative means
5. Compile all input and summarize into easy to read charts.
6. Final review by ACT-MWF
7. Publish Findings

Final Deliverables

- Categorized evaluation criteria
- High-level comparison matrix (HTML)
- Summarized review of key points for each product
- Guidelines for selecting and implementing a Mobile Framework
- Glossary document

Open discussion