MWF Governance & Taxonomy

MWF Conference 2011
August 22\textsuperscript{nd}

Given by: Rose Rocchio, Director of Academic Applications, UCLA
Overview

- UC MWF Collaboration Timeline
- ITLC Governance subgroup collaborations
- The UC MCG Charter & Membership
- Local Campus Governance
- Taxonomy Governance
UC MWF Timeline

- 2010 UCCSC – UCLA Mobile/MWF Demo
- Sept. 2, 2010 – UCLA Mobile launched
- UCSD’s Analysis of Mobile Web Frameworks
- 4 UC’s Launch their Mobile Suite in Spring 2011 (UC Berkeley, UCSD, UCSF, UCR)
- 2 More Mobile suites in the works (UCI & UCSB)
UC IT Governance

- **ITLC**
  - IT Leadership Council
  - CIOs

- **CTG**
  - Collaborative Technology Group
  - Campus Reps

- **MCG**
  - Mobile Collaborative Group
  - Campus Reps
ITLC Group relationships

- ITLC
- ETLG
- CTG
- ITAG
- MCG

Diagram showing relationships between ITLC, ETLG, CTG, ITAG, and MCG.
MWF Apps: Fall of 2010

UCLA

MWF

Map

Direct

Library

Tours

News

Campus Life

Happenings

Bruin bus
MWF apps - Spring of 2011
UC MCG - Membership

- UCLA - Rose Rocchio, Ed Sakabu, Eric Bollens, Albert Wu
- UCSD – Brett Pollak, Mojgan Amini
- UC Berkeley – Bill Allison, Tom Tsai
- UCOP – Gilbert Loo, Roong Uahaibool
- UCSF
  - UCSF Library – Rich Trott
  - UCSF Med School – Larry Suarez, Yen Melwin
- UCI – Jim Kreuziger, Ray Vadnais
- UCR – Israel Fletes
- UCSB – Joe Sabado, Bill McTague
- UC Davis – Curtis Bray
- UC Merced – Christopher Volkerts
- UCSC – Ken Schumann
* Draft: UC MCG Charter

- Facilitate collaboration around the UC MWF
- Set MWF strategic direction & technical Roadmap
- Form further sub-affinity groups (Med Ctr, Map devs…)
- Distribute information about MWF to developers
- Promote strengths of toolsets and platform flexibility
- Explore long term sustainability options
Local Governance @ UCLA

- UCLA Mobile Steering committee
  - Met Quarterly in 2010-11
  - Represented Pilot Data Stakeholders

- Did presentations for UCLA IT Governance bodies:
  - CSG
  - FCET
  - ITPB
  - ITLC

- Plans for 2011-12
  - Add Faculty to the UCLA Mobile Steering Committee
  - Add Student Governance positions to UCLA’s MSC
  - Meet Bi-Monthly
UCLA Mobile

Units

- UCLA Mobile Units
- Facilities
- ITS
- UCLA Communications
- Student Affairs
- OIT
- Registrar
- UIT and more

Apps

- Map
- Direct
- Tours
- News
- Happenings
- Bruin bus
- Campus Life
- Library
UCLA Mobile
Taxonomy Governance

• Leverage the campus portal
• Coalition of the Willing
• Beware of over engineering taxonomy
• Avoid empty Navigation
• Move towards personalization
• Long term focus on the “anchor” apps
Mobile IT Governance @ UCSF

- Mobile IT Governance committee
  - Commissioned as part of Operation Excellence program in February of 2011
  - Represents Stakeholders in all five schools, Campus and Medical Center
  - Reports to Committee on Technology and Architecture
Mobile IT Governance @ UCSF

• Goals:
  • Explore opportunities and make recommendations for consolidation of services
  • Community building and knowledge sharing focusing on current and future uses
Mobile IT Governance @ UCSF

- Plans for 2011
  - Develop and initiate deployment of an Enterprise Mobile Strategy
  - Create implementation roadmap using UC MWF as the basis for UCSF’s Institutional Mobile Framework
  - Promote UCSF’s mHealth Open Framework
Mobile governance & taxonomy at UCSD

Brett Pollak
Mobile Web

About the framework

The Mobile Web Framework (MWF) provides an easy way to build UC San Diego branded, mobile-optimized web applications.

MWF is a standards-based, lightweight framework that supports all mobile devices containing a mobile web browser. It provides a robust presentation layer that allows applications to define a single set of markup that degrades gracefully based on the capabilities of the user's mobile device.

MWF supports iPhone, Android, Blackberry, Windows Mobile, tablets, and even T9 phones.

Want to build a mobile web application?

Step 1.
Review the guidelines and styles for mobile user interfaces.

Step 2.
Download the HTML Decorator.

Step 3.
Build out your application using the framework

Linking from the UCSD mobile homepage

Review our Governance guidelines.

Service Level Agreement

Please review our Service Level Agreement (SLA) which documents the service provided, the levels of response, responsibilities, and process for requesting services.

Contact us with questions

You can contact us at act-uxt@ucsd.edu if you have questions or comments.

UC San Diego’s mobile application is powered by the Mobile Web Framework (MWF) developed by UCLA. Detailed information about the MWF and usage can be found at the UCLA’s MWF website.
Appendix
UC San Diego

Campus Mobile Framework Analysis
powered by
UC MWF
Background: UCSD’s iPhone App

- June ‘09 UCSD first public university to provide iPhone app
- Provided web services and data feeds to TerriblyClever.
- Blackberry and generic mobile site launched soon thereafter
- In early 2010, TerriblyClever was bought out by Blackboard
Established Selection Criteria

- Sustainable over a 1-2 year period of time.
- Include open source or industry standards.
- Support a wide range of mobile devices.
- Require little training for development.
- Easy to migrate to a new technology in the future.
Reviewed 8 Mobile Frameworks

- Sencha
- UCLAmobile
- MIT
- SproutCore
- WebApp.Net
- jQuery
- PhoneGap
- iMobile
Proof of Concept “Cook Off”

UCLA mobile vs. Sencha

• Proof of Concept Guidelines
  • One main landing page w/ at least 2 links
  • RSS feed, i.e. UCSD News
  • XML feed, i.e. UCSD youtube videos
  • Incorporate jQuery UI elements
  • 10-15 minute presentation
Implementation Timeline

Dec. 2010
Define Need

Jan. 2011
Make Recommendation

Feb. 2011
Present to ITLC

Research & Proof of Concept

April 2011
Launch m.ucsd.edu

May 2011
UXT Toolbox

Summer 2011
Promote framework

Dec. 2010
Governance

May 2011
UI Refresh

Aug. 2011
Secure Student Portal

Aug. 2011
iPhone & Android wrapper

Aug. 2011
UI Refresh