

# Mobile Sakai

Erewhon Project

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Services

# Introduction

- Transition to Sakai.
- Targeting Sakai 2.7/next generation phones
- Client is Smartphone.
- Project finishes April 2010 (18 months).
- Other similar things.
  - <http://m.mit.edu>
  - <http://m.flickr.com>

# Demo (s)?

- <http://beta.weblearn.ox.ac.uk/>
- iPhone?
- ySlow

# Outcome(s)

- Make 90% acceptable on good smartphones?
  - Create mobile style sheets.
  - Use standard Sakai navigation/interface.
- Make 20% good on most smartphones?
  - Create custom interface for specific tools.
  - Identify the “mobile friendly” stuff.
- Somewhere in between?

# Issues

- Authentication – WebAuth
- Authorization – Limited set of permissions
- Get rid of silos – Cross site lookups
- Back button – More serious on small screen
- iframes – Not supported on all browsers
- Different mobile platforms – S60, iPhone

# Tools

Lots of tools so focus on core:

- Announcements
- Resources
- Search
- Schedule (Calendar)
- Tutorial Sign up tool
- Help
- Further tools if we have time

# Implementation?

- Still not decided.
  - Simple HTML CSS.
  - Add some AJAX/JSON.
  - Full AJAX/JSON “client”
- REST services from Sakai
- Web Services
- Target specific phones.

# Questions without answers

(at the moment)

- Accessibility?
- Speed?
- Size?

# Further details

- <http://erewhon.oucs.ox.ac.uk/>
- <http://sakaiproject.org/>
- <https://beta.weblearn.ox.ac.uk/portal/>
- <http://www.json.org/>