Integrating mobile into existing applications

Sam Moffatt
About Me

• Systems Co-ordinator for USQ Library
• Development Co-ordinator for Joomla!
• Keen advocate of pies

• Master's student at USQ studying "access control in semantic information systems"
About this workshop

• We've got almost an hour together!
• Hands on, fast paced
• What will we achieve?
What will we achieve?

- Mobile web site from scratch with custom built theme
- We're going to use Joomla! to create a dedicated mobile site
- We're going to spend some time and try to get a common template for VuFind to get a mobile catalogue
You may not follow along all of the time but what I want to demonstrate that it isn’t impossible or that difficult to achieve!
Initial Design
Design Considerations

- Simple
- Touch friendly
- Easy to navigate
- "Apparent"
Design Considerations

- Primary orientation is portrait
- Wide designs do not work well
- Navigation located at top
Lets Go!
Layout

...20 years ago
Now to add colour...

"color" if we have anyone from USA
Colour Scheme via Kuler

http://kuler.adobe.com
Time to build it!

Design to HTML
Add a dash of CMS...
About Joomla!

- Joomla! is an open source content management system
- Joomla! helps you make websites
- Joomla! is awesome
Installing Joomla!?  

not something we’re covering here
HTML to Joomla! template!
CSS Tweaks!
Mobile site completed!
You, Me and VuFind

Mobile VuFind…how hard can it be?
Installing VuFind

also not something to do in a short workshop
Mobile detection built-in!
VuFind Templating
CSS Tweaks

didn’t we do this?
Finished?

Are we there yet?
Are we there yet?
Are we there yet?
Yes, we’re there!
Achievements

• Built mobile friendly template
• Applied to Joomla! to provide CMS functionality
• Applied to VuFind to provide catalogue functionality
Resources

Slides available from:
http://eprints.usq.edu.au/8495
Resources

• Installing Joomla!

• Installing VuFind

• Template Samples:
  – Original HTML
  – Joomla! Template
  – VuFind Template
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