MOBILE INFORMATION & RESOURCES

LIBRARY TECHNOLOGY CONFERENCE, 2010

M-Libraries

◆ http://www.libsuccess.org/index.php?title=M-Libraries Wiki of libraries offering mobile interfaces or applications, a listing of vendors, and further reading.

Additional Readings

◆ Albrecht, Bob., & Judith A. Pirani, Judith, A. (2009). Massachusetts Institute of Technology: Transforming the campus experience with the MIT Mobile Web (Case Study 3). Boulder, CO: EDUCAUSE Center for Applied Research. http://www.educause.edu/ecar/

◆ App Store Metrics. 148apps.biz, http://148apps.biz/app-store-metrics/

◆ Cummings, Joel, Merrill, Alex, & Borrelli, Steve. (In press). The use of handheld mobile devices: Their impact and implications for library services.

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Designing a Mobile Site

◆ Fling, Brian. (2009). *Mobile Design and Development: Practical Concepts and Techniques for Creating Mobile Sites and Web Apps*. Sebastopol, CA: O'Reilly Media.

◆ Griggs, K., Bridges, L. M., Rempel, H. G. (2009). "library/mobile: Tips on Designing and Developing Mobile Web Sites", *The Code4Lib Journal*, Issue 8. Retrieved from: http://journal.code4lib.org/articles/2055

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◆ Ryu, Hokyoung. (2009). *Mobile user interface analysis and design: A practitioner's guide to designing user interface for mobile devices*. New York: Nova Science.

◆ Trainor, Cindi. (March 2, 2010). Planning for a Mobile Website. ALA TechSource. Retrieved from: http://www.alatechsource.org/blog/2010/03/planning-for-a-mobile-website.html

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◆ Yates, Richard. (2008). *Building mobile web sites: Design patterns, recipes and ideas*. Booksurge Publishing.

Education and the Mobile Web

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Emulators

- MobiOne. **iPhone & Palm Pre** http://www.genuitec.com/mobile/

- dotMobi. **Nokia & Sony** http://emulator.mtld.mobi/emulator.php

- Nokia Mobile Browser Simulator 4.0 http://www.forum.nokia.com/info/sw.nokia.com/id/db2c69a2-4066-46ff-81c4-caac8872a7c5/NMB40_install.zip.html

- Opera Mini 5 Simulator http://www.opera.com/mini/demo/

- Blackberry Simulator http://www.blackberry.com/developers/downloads/simulators/index.shtml

Getting Started

- Firtman, Maximiliano. (2010). *Programming the mobile web*. Farnham: O'Reilly.

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- O'Farrell, Michael J. (2008). *Mobile Internet for dummies*. Hoboken, NJ: Wiley.

- Parsons, David. (2008). *Dynamic web application development using XML and Java*. London: Cengage Learning EMES.

Resources for iPhone, Android & Blackberry Platforms

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iPhone

- iTunes http://www.apple.com/itunes/

- Barney, Lee. (2009). Developing hybrid applications for the iPhone: Using HTML, CSS, and JavaScript to build dynamic apps for the iPhone. Upper Saddle river, NJ: Addison-Wesley.

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Android

◆ AppVee http://www.androidapps.com/

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◆ Android Marketplace http://www.android.com/market/

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◆ Meier, Reto. (2010). *Professional Android 2 application development*. Indianapolis, IN: Wiley.

◆ Murphy, Mark, L. (2009). *The busy coder's guide to advanced Android development*. CommonsWare.

Blackberry Crackberry http://crackberry.com/

Standards, Testing, Usability, Validating

◆ Yesilada, Y., Chuter, A., & Henry, S.L. (June, 2009). Shared Web Experiences: Barriers Common to Mobile Device Users and People with Disabilities. Web Accessibility Initiative, Retrieved from http://www.w3.org/WAI/mobile/experiences.

◆ Nielson, Jakob. (July 20, 2009). Mobile Usability, Alertbox**,** Retrieved from http://www.useit.com/alertbox/mobile-usability.html

◆ W3C Mobile Web Best Practices: http://www.w3.org/TR/mobile-bp/

◆ W3C CSS Mobile Profile: http://www.w3.org/TR/css-mobile/

◆ mobiReady. dotMobi compliance W3C and mobileOK tests: http://mobiready.com

Templates, Mobile Site Generators, Plugins

◆ Jason Clark. http://diginit.wordpress.com/2009/11/13/mobile-web-design-working-code-tips-best-practices/

◆ Chad Haefele. http://www.hiddenpeanuts.com/msg

◆ Plugin to make your WordPress site mobile friendly: http://wordpress.org/extend/plugins/mobilepress

◆ MIT Mobile Web Open Source Project: http://sourceforge.net/projects/mitmobileweb/ | Building the *MIT Mobile* Web

Usage of the Mobile Web

◆ Anne Kaikkonen, Anne. (2008). Full or tailored mobile web: Where and how do people browse on their mobiles. In *The International Conference on Mobile Technology, Applications, & Systems*, Ilan,Taiwan: ACM, ACM 978-1-60558-089-0.

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◆ Pew Internet & American Life Project. (July, 2009). *Wireless internet use*. Pew Internet & American Life Project. http://pewinternet.org/Reports/2009/12-Wireless-Internet-Use.aspx/

◆ Seeholzer, Jamie., & Salem, Joseph, A. (In press). Library on the go. *College & Research Libraries*.

◆ University of Iowa. *ICON Mobile Device Use Survey Results*. University of Iowa, https://icon.uiowa.edu/support/statistics/ICON%20Mobile%20Device%20Survey.pdf