



首页

关于我们

投稿指南

征订服务

诚邀合作

留言

现代图书情报技术 » 2012, Vol. 28 » Issue (5) :16-25

数字图书馆

最新目录 | 下期目录 | 过刊浏览 | 高级检索

&lt;&lt; Previous Articles | Next Articles &gt;&gt;

## 图书馆移动阅读服务的新契机:HTML5和CSS3

夏翠娟<sup>1</sup>, 张燕<sup>2</sup>

1. 上海图书馆 上海 200031;

2. 浙江财经学院图书馆 杭州 310018

Xia Cuijuan<sup>1</sup>, Zhang Yan<sup>2</sup>

1. Shanghai Library, Shanghai 200031, China;

2. Zhejiang University of Finance &amp; Economics Library, Hangzhou 310018, China

- 摘要
- 参考文献
- 相关文章

Download: PDF (742KB) [HTML](#) (1KB) Export: BibTeX or EndNote (RIS) Supporting Info

**摘要** 针对移动阅读环境和用户需求的变化与现有移动Web标准规范如WAP、WML、XHTML-MP对移动Web发展的不适应,以及图书馆在旧的移动Web标准规范框架下的移动阅读服务在内容、应用架构、服务模式方面的诸多困境,用文献调研和实验验证的方法研究新的Web标准规范HTML5和CSS3的新特性和功能及其相对应旧标准的优点,从HTML5和CSS3对图书馆上游的数字出版领域和图书馆下游的用户需求的直接影响的角度,探讨HTML5和CSS3为图书馆移动阅读服务带来的新契机,得出HTML5和CSS3可使图书馆的移动阅读服务在内容、应用架构、服务模式方面得到提升和变革的结论。

关键词: [移动阅读服务](#) [移动Web](#) [HTML5](#) [CSS3](#)

**Abstract:** The mobile reading environment and user requirements change very quickly, and the existing mobile Web standards such as WAP, WML, XHTML-MP are not accustomed to the mobile Web development, as well as the content, service model and application architecture of libraries' mobile reading service within the framework of old mobile Web standards are in the difficult position. To deal with the above problems, the new Web standards HTML5 and CSS3 with their new features and functionality are analyzed and the conclusion is that the new standards provide a chance to improve the libraries' mobile reading services, considering they can not only lead a huge response in the industry and the field of digital publishing, but also overwhelmingly change the user requirements.

Keywords: [Mobile reading services](#), [Mobile Web](#), [HTML5](#), [CSS3](#)

收稿日期: 2012-02-16;

基金资助:

本文系国家社会科学基金项目“移动阅读与图书馆延伸服务研究”(项目编号:10CTQ004)和国家文化科技提升计划项目“城市公共文化移动服务集成平台建设与研究”的研究成果之一。

引用本文:

夏翠娟, 张燕. 图书馆移动阅读服务的新契机:HTML5和CSS3[J]. 现代图书情报技术, 2012, V28(5): 16-25

Xia Cuijuan, Zhang Yan. The New Chance of Library Mobile Reading Services: HTML5 &amp; CSS3[J], 2012, V28(5): 16-25

链接本文:

<http://www.infotech.ac.cn/CN/> 或 <http://www.infotech.ac.cn/CN/Y2012/V28/I5/16>


- [1] Thomas L C. Gone Mobile? (Mobile Libraries Survey 2010)[R/OL]. [2012-02-16]. [http://www.libraryjournal.com/lj/ljinprintcurrentissue/886987-403/gone\\_mobile\\_mobile\\_libraries\\_survey.html.csp](http://www.libraryjournal.com/lj/ljinprintcurrentissue/886987-403/gone_mobile_mobile_libraries_survey.html.csp).
- [2] Gail Rahn Frederick, Rajesh Lal. 智能手机Web标准开发实战[M]. 杨小东译. 北京:清华大学出版社, 2010: 6-12. (Gail Rahn Frederick, Rajesh Lal. Beginning Smartphone Web Development[M]. Translated by Yang Xiaodong. Beijing: Tsinghua University Press, 2010: 6-12)
- [3] 王卫华. 下一代的浏览体验——话说HTML5、CSS3[J]. 电脑迷, 2010(19): 6-8. (Wang Weihua. The Experience of the Next Generation Browser [J]. *Computer Fan*, 2010(19): 6-8)
- [4] 张磊, 王晔斌, 杨佳, 等. 上海图书馆的移动服务[J]. 数字图书馆论坛, 2010(11): 8-16. (Zhang Lei, Wang Yebin, Yang Jia, et al. The Mobile Services in Shanghai Library[J]. *Digital Library Forum*, 2010(11): 8-16.)
- [5] 刘炜. 移动图书馆的业务模式[R/OL]. [2012-02-16]. <http://www.slideshare.net/keven/ss-8377111>. (Liu Wei. The Business Model of Mobile Library [R/OL]. [2012-02-16]. <http://www.slideshare.net/keven/ss-8377111>.)

## Service

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ Email Alert
- ▶ RSS

## 作者相关文章

- ▶ 夏翠娟
- ▶ 张燕

- [6] 萧志华. 试论移动数字图书馆的现状及其发展策略[J]. 图书馆论坛, 2011,31(4): 103-105. (Xiao Zhihua. On the Present Situation and Development Strategy of Mobile Digital Library[J]. *Library Tribune*, 2011,31(4): 103-105.)
- [7] 杨九龙,何淼. 技术人员视角下移动数字图书馆建设的调查与分析[J]. 图书馆论坛, 2011,31(5): 59-62. (Yang Jiulong, He Miao. Investigation and Analysis of the Mobile Digital Library's Construction from the Library Technician View[J]. *Library Tribune*, 2011,31(5): 59-62.)
- [8] 周满英,任树怀. 基于移动互联网的移动数字图书馆服务现状研究[J]. 图书馆学研究, 2011(1): 24-27. (Zhou Manying, Ren Shuhuai. Research on Mobile Digital Library Services Based on Mobile Internet[J]. *Research on Library Science*, 2011(1): 24-27.)
- [9] 朱雯晶,张磊,王晔斌,等. 图书馆手机客户端的探索实践[J]. 现代图书情报技术, 2011(5): 13-19. (Zhu Wenjing, Zhang lei, Wang Yebin, et al. Exploration on Library Smartphone Application[J]. *New Technology of Library and Information Service*, 2011(5): 13-19.)
- [10] 尹星,肖铁军. 基于J2ME的Web服务客户端及其在移动设备中的实现[J]. 计算机辅助工程, 2004,13(4): 60-63. (Yin Xing, Xiao Tiejun. Web Service Client Based on J2ME and Its Implementation in Mobile Sets[J]. *Computer Aided Engineering*, 2004,13(4): 60-63.) 
- [11] 中国新闻出版研究院全国国民阅读调查课题组. 第八次全国国民阅读调查成果十大结论 [J]. 出版参考, 2011(5): 8-10. (National Reading Survey Group of Chinese Academy of Press and Publication. Ten Conclusions of The Eighth National Reading Survey[J]. *Information on Publication*, 2011(5): 8-10.)
- [12] Thomas L C. The State of Mobile in Libraries 2012 [EB/OL]. [2012-02-16]. <http://www.thedigitalshift.com/2012/02/mobile/the-state-of-mobile-in-libraries-2012/>.
- [13] Standards for Web Applications on Mobile: February 2011 Current State and Roadmap[EB/OL]. [2011-10-26]. <http://www.w3.org/2011/02/mobile-web-app-state.html>.
- [14] 刘天寅. HTML5与未来的Web应用平台[J]. 阴山学刊, 2010(6): 86-90. (Liu Tianyin. HTML5 and Web Application Platform in the Future[J]. *Yinshan Academic Journal*, 2010(6): 86-90.)
- [15] 马新强,孙兆,袁哲,等. Web标准与HTML5的核心技术研究[J]. 重庆文理学院学报:自然科学版, 2010,29(6): 61-64. (Ma Xinqiang, Sun Zhao, Yuan Zhe, et al. Study on the Core Technology of Web Standards and HTML5[J]. *Journal of Chongqing University of Arts and Sciences: Natural Science Edition*, 2010,29(6): 61-64.)
- [16] Bruce Lawson, Remy Sharp. HTML5用户指南[M]. 刘红伟,等译. 北京:机械工业出版社,2011. (Bruce Lawson, Remy Sharp. *Introducing HTML5*[M]. Translated by Liu Hongwei, et al. Beijing: China Machine Press, 2011.)
- [17] Brian P Hogan. HTML5和CSS3实例教程[M]. 李杰,刘晓娜,朱嵬,译. 北京:人民邮电出版社,2012. (Brian P. Hogan. *HTML5 and CSS3: Develop with Tomorrow's Standards Today*[M]. Translated by Li Jie, Liu Xiaona, Zhu Wei. Beijing: Posts & Telecom Press, 2012.)
- [18] van Kesteren A, Pieters S. HTML5 Differences from HTML4 [EB/OL]. [2012-02-18]. <http://dev.w3.org/html5/html4-differences/>.
- [19] Clark J A. HTML 5: Changing How You Use the Web[J]. *Online*, 2010,34(6): 12-14.
- [20] PHP100中文网. HTML5与数据库API核心规范[EB/OL]. [2011-10-28]. <http://www.php100.com/html/webkaifa/HTML5/2010/0917/5477.html>. (PHP100. HTML5 and the Specifications of Database API[EB/OL]. [2011-10-28]. <http://www.php100.com/html/webkaifa/HTML5/2010/0917/5477.html>.)
- [21] W3C. CSS - Cascading Style Sheets, W3C Recommendations, Working Drafts, and Tutorials[EB/OL]. [2011-11-02]. <http://websites tips.com/css/w3c/#w3css3>.
- [22] W3C. CSS Mobile Profile 2.0[EB/OL]. [2011-11-02]. <http://www.w3.org/TR/css-mobile/>.
- [23] CSS3.0中文操作手册下载[EB/OL]. [2012-02-16]. <http://www.wtobase.com/css-3-chinese-manual-download.html>. (CSS3.0 Chinese Manual Download [EB/OL]. [2012-02-16]. <http://www.wtobase.com/css-3-chinese-manual-download.html>.)
- [24] 新浪科技. Adobe与苹果之争落败: 停止开发移动版Flash[EB/OL]. [2011-11-10]. <http://tech.sina.com.cn/it/2011-11-10/01156298597.shtml>. (Sina Tech. Adobe Stops developing Flash for Mobile [EB/OL]. [2011-11-10]. <http://tech.sina.com.cn/it/2011-11-10/01156298597.shtml>.)
- [25] Padley R. HTML5 - Bridging the Mobile Platform Gap: Mobile Technologies in Scholarly Communication[J]. *Serials: The Journal for the Serials Community*, 2011,24(S3): 32-39.

没有找到本文相关文献

