Open Source Mobile Learning: Mobile Linux Applications

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The open approach has been widely used in the development of mobile applications, mobile operating systems for mobile devices, and mobile services for supporting mobile learning. In mobile learning, open source software has played an important role. Due to its stability, flexibility, security, availability, and low cost, mobile Linux and other open source products have a significant impact on the mobile learning community.

Open Source Mobile Learning: Mobile Linux Applications is designed to provide the information of open source products used in each phase of the mobile learning. Comparison of popular open source products and their usability in a mobile learning system is also given in selected chapters. Designing strategies and implementation methods of mobile learning systems, this book presents some possible solutions to the challenges encountered in mobile learning system construction, management, and course material development.

Topics Covered:

• Challenges and Opportunities in Open Source Mobile Learning
• Developing Open Source Based Mobile Services for Mobile Learning
• Development of Open Source Platforms for Mobile Learning
• Mobile Collaboration and Group Learning in Open Source Setting
• Mobile Learning in Open Source Setting
• Open Culture and Ubiquitous Education
• Why Open Source Makes Sense on Mobile Devices

Li Chao is currently a professor of math and computer science in the school of Arts and Sciences at University of Houston, Victoria (USA). He received his PhD from the University of Wyoming (USA) and he is certified as Oracle Certified Professional and Microsoft Solution Developer. His current research interests are data analysis and technology-based teaching. Dr. Chao is also the author of over a dozen of research articles in data analysis and math modeling, and books in the development of computer labs and database systems.

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.
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