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Near Field Magnetic Communication Conclusion; Summary; Part Three: A Standards Approach to Developing Wireless Applications; Chapter 10: An Introduction to the Notion of Standards-based Wireless Application Development; Case Studies; Chapter 11: Bluetooth: A Cable Replacement Technology; Bluetooth vs. Infrared; The Odd Couple: Bluetooth and Ultra-Wideband; The Original Bluetooth; The Radio Architecture; The Bluetooth Protocol Stack; What are Bluetooth Profiles?; Foundation Profiles; The Adopted Profiles; New Protocols; Conclusion; Summary; Chapter 12: ZigBee: Untethered and Unlicensed Comparing ZigBee and Z-Wave Our Reasons to Believe; ZigBee's Networking Topology; The Radio Architecture; The ZigBee Protocol Stack; Conclusion; Summary; Chapter 13: WiFi: Enabling True Ubiquitous Connectivity; Overcoming the Obvious; There's Something about WiFi; Comparing WiFi and WiMAX; Generating Revenue from WiFi; The WiFi Network Topology; The WiFi Story Begins with the Letter B; The WiFi Protocol Stack; The Next Generation of WiFi; Conclusion; Summary; Chapter 14: Near Field Communications: The Smart Choice for Enabling Connectivity; What is RFID?; What is NFC?; Conclusion; Summary  
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## Sommario/riassunto

In a constant stream of new ideas, wireless technologies continue to emerge offering a range of capabilities, each affording simplicity and ease-of-use. Such diversity and choice should surely beg the question, "are manufacturers using the right technology for the right product??" Developing Practical Wireless Applications will explore this question and, in doing so, will illustrate many of the wireless technologies currently available whilst drawing upon their individual strengths and weaknesses. More specifically, the book will draw your attention to the diverse collection of stand

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