1. Record Nr. UNISALENTO991000016169707536

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| Autore | Faulkner, William |
| Titolo | Scendi, Mosé |
| Pubbl/distr/stampa | Cles : A.Mondadori, 1981 |
| Descrizione fisica | 434 p. |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910148572003321

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|---|---|
| Autore | Bell Charles |
| Titolo | Windows 10 for the Internet of Things / / by Charles Bell |
| Pubbl/distr/stampa | Berkeley, CA : , : Apress : , : Imprint : Apress, , 2016 |
| Edizione | [1st ed. 2016.] |
| Descrizione fisica | 1 online resource (XXVIII, 467 p. 256 illus., 248 illus. in color.) |
| Disciplina | 005.4469 |
| Soggetti | Microsoft software<br>Microsoft .NET Framework<br>Automatic control<br>Robotics<br>Mechatronics<br>Electronics<br>Microelectronics<br>Microsoft and .NET<br>Control, Robotics, Mechatronics<br>Electronics and Microelectronics, Instrumentation |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |

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| Nota di contenuto | 1. What is the Internet of Things? -- 2. Introducing the Windows 10 IoT Core -- 3. Introducing the Raspberry Pi -- 4. Developing IoT Solutions with Windows 10 -- 5. Windows 10 IOT Development with C++ -- 6. Windows 10 IOT Development with C# -- 7. Windows 10 IoT Development with Python -- 8. Electronics for Beginners -- 9. The Adafruit Microsoft IOT Pack for Raspberry Pi -- 10. Project 1: Building an LED Power Meter -- 11. Project 2: Measuring Light -- 12. Project 3: Using Weather Sensors -- 13. Project 4: Using MySQL to Store Data -- 14. Project 5: Using a Web Server to Control Hardware -- 15. Project 6: Windows IOT and Arduino -- 16. Azure IOT Solutions: Cloud Services -- 17. Where to go from here? -- 18. Appendix: Hardware Sources. |
| Sommario/riassunto | Develop applications for the Internet of Things on the Raspberry Pi using your Windows and .NET programming skills. This book helps you learn everything you need to know about Windows IoT Core in order to develop Windows apps that run on the Pi. Interest in connected devices is exploding, already including things such as thermostats and light bulbs. Going right along with the explosion of such devices is a growth in interest in how to program for them and how to capture and analyze the data they have to offer. Microsoft is responding to this trend with Windows 10 IoT Core, an edition of Windows aimed specifically at the Internet of Things. This book shows .NET programmers how they can transfer skill sets from desktop programming and apply those same skill sets now to programming for the Internet of Things. Microsoft’s release of Windows IoT Core is groundbreaking in how it makes the Raspberry Pi and Internet of Things programming accessible to Windows developers. Now it’s possible to develop for the Raspberry Pi using native Windows and all the related programming skills that Windows programmers have learned from developing desktop and mobile applications. Windows 10 becomes a gateway by which many can experience hardware and Internet of Things development who may never have had the opportunity otherwise. Windows 10 for the Internet of Things presents a set of example projects covering a wide range of techniques designed specifically to jump start your own Internet of Things creativity. Even savvy Windows programmers require help to get started with hardware development. Windows 10 for the Internet of Things provides just the help you need to get started in putting your Windows skills to use in a burgeoning new world of development for small devices that are ubiquitously connected to the Internet. With this book you will learn Windows 10 on the Raspberry Pi and how to: Read sensor data and control actuators Connect to and transmit data into the cloud Remotely control your devices from any web browser Develop IOT applications under Windows using C# and Python Store your IOT data in a database for later analysis. |