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Titolo	Learn Raspberry Pi 2 with Linux and Windows 10 / / by Peter Membrey, David Hows
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ISBN	9781484211625
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Edizione	[2nd ed. 2015.]
Descrizione fisica	1 online resource (319 p.)
Collana	Technology in action
Disciplina	004
Soggetti	Computer input-output equipment
	Software engineering
	Hardware and Maker
	Software Engineering/Programming and Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Contents at a Glance; Contents; About the Authors; About the Technical Reviewer; Acknowledgments; Introduction; Chapter 1: Your First Bite of Raspberry Pi; Your Freshly Baked Pi Arrives; List of Ingredients; Micro USB lead ; USB Power Adapter ; HDMI Lead ; HDMI Capable Display ; Micro SD Card ; Micro SD Card Reader ; USB Keyboard and Mouse; Whew, We're Done!; Don't Panic!; Linux; What Is Linux?; Introducing NOOBS; The two NOOBS; Downloading NOOBS; Getting NOOBS onto Your SD Card ; First Boot; Installing Raspbian with NOOBS; Configuring Your Pi ; Expanding the Filesystem
	Pi Store Raspberry Pi Resources; Web Browser; Programming; Scratch; Python; Preferences; Help; Summary; Chapter 3: Getting Comfortable; Ye Olde Computer ; Say Hello to the Dumb Terminal; Modern Terminals; So Why do We Still Care About these Things?; Simple; Fast; Lightweight; Powerful; It's Always Available; Convinced Yet?; The Three Terminals; The Console; Opening a Virtual Terminal in the GUI; Connecting via SSH; Setting up an SSH Server on the Pi; Sorting out an SSH Client; Putty for Windows; SSH on the Mac; Welcome to the Command Line; Different Shells; Summary
	Chapter 4: The File-paths to Success What is a Filing System?; More

Sommario/riassunto	Learn Raspberry Pi 2 with Linux and Windows 10 will tell you everything you need to know about working with Raspberry Pi 2 so you can get started doing amazing things. You'll learn how to set up your new Raspberry Pi 2 with a monitor, keyboard and mouse, and how to install both Linux and Windows on your new Pi 2. Linux has always been a great fit for the Pi, but it can be a steep learning curve if you've never used it before. With this book, you'll see how easy it is to install Linux and learn how to work with it, including how to become a Linux command line pro. You'll learn that what might seem unfamiliar in Linux is actually very familiar. And now that Raspberry Pi also supports Windows 10, a chapter is devoted to setting up Windows 10 for the Internet of Things on a Raspberry Pi. Finally, you'll learn how to c reate these Raspberry Pi projects with Linux: Making a Pi web server: run LAMP on your own network Making your Pi wireless: remove all the cables and retain all the functionality Making a Raspberry Pi-based security cam and messenger service Making a Pi media center: stream videos and music from your Pi.