

1. Record Nr.	UNINA9910583458303321
Autore	Abbott Doug
Titolo	Linux for embedded and real-time applications / / Doug Abbott
Pubbl/distr/stampa	Oxford, England ; ; Cambridge, Massachusetts : , : Newness, , 2018 ©2018
ISBN	0-12-811277-8
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (1 volume) : illustrations
Disciplina	005.432
Soggetti	Operating systems (Computers) Embedded computer systems - Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	Linux for Embedded and Real-Time Applications, Fourth Edition, provides a practical introduction to the basics, covering the latest developments in this rapidly evolving technology. Ideal for those new to the use of Linux in an embedded environment, the book takes a hands-on approach that covers key concepts of building applications in a cross-development environment. Hands-on exercises focus on the popular open source BeagleBone Black board. New content includes graphical programming with QT as well as expanded and updated material on projects such as Eclipse, BusyBox – configuring and building, the U-Boot bootloader – what it is, how it works, configuring and building, and new coverage of the Root file system and the latest updates on the Linux kernel.. Provides a hands-on introduction for engineers and software developers who need to get up to speed quickly on embedded Linux, its operation and capabilities Covers the popular open source target boards, the BeagleBone and BeagleBone Black Includes new and updated material that focuses on BusyBox, U-Boot bootloader and graphical programming with QT