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     Autore   Zimmer Vincent

     Titolo   Beyond BIOS : developing with the Unified Extensible Firmware Interface
                          / / Vincent Zimmer, Suresh Marisetty, Michael Rothman

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     Lingua di pubblicazione   Inglese

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     Note generali   Includes index.

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                          UEFI Driver Model -- Chapter 4 - Protocols You Should Know --
                          Chapter 5 - UEFI Runtime -- Chapter 6 - UEFI Console Services --
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                          PI Functions -- Chapter 10 - Platform Security and Trust -- Chapter 11
                          - Boot Device Selection -- Chapter 12 - Boot Flows -- Chapter 13 -
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     Sommario/riassunto   This book provides an overview of modern boot firmware, including the
                          Unified Extensible Firmware Interface (UEFI) and its associated EFI
                          Developer Kit II (EDKII) firmware. The authors have each made
                          significant contributions to developments in these areas. The reader
                          will learn to use the latest developments in UEFI on modern hardware,
                          including open source firmware and open hardware designs. The book
                          begins with an exploration of interfaces exposed to higher-level
                          software and operating systems, and commences to the left of the boot

timeline, describing the flow of typical systems, beginning with the machine restart event. Software engineers working with UEFI will benefit greatly from this book, while specific sections of the book address topics relevant for a general audience: system architects, pre-operating-system application developers, operating system vendors (loader, kernel), independent hardware vendors (such as for plug-in adapters), and developers of end-user applications. As a secondary audience, project technical leaders or managers may be interested in this book to get a feel for what their engineers are doing. The reader will find: An overview of UEFI and underlying Platform Initialization (PI) specifications How to create UEFI applications and drivers Workflow to design the firmware solution for a modern platform Advanced usages of UEFI firmware for security and manageability