1. Record Nr. UNINA9910147060803321 **Titolo IEEE Standard for Boot** [Place of publication not identified], : IEEE, 1994 Pubbl/distr/stampa **ISBN** 0-7381-1194-5 Descrizione fisica 1 online resource (vi, 262 pages): illustrations 004 Disciplina Soggetti Computer firmware Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references. Sommario/riassunto Firmware is the read-only-memory (ROM)-based software that controls a computer between the time it is turned on and the time the primary operating system takes control of the machine. Open Firmware provides the following: a mechanism for loading and executing programs (such as operating systems) from disks, tapes, network interfaces, and other devices; an ISA-independent method for identifying devices "plugged in" to expansion buses and for providing firmware and diagnostics drivers for these devices; an extensible and programmable command language based on the Forth programming language; methods for managing user-configurable options stored in nonvolatile memory; a "call back" interface allowing other programs to make use of Open Firmware services; and debugging tools for

hardware, firmware, firmware drivers, and system software.