RT–11 Volume and File Formats Manual

Order Number AA–PD6PA–TC

August 1991

This manual describes the format of RT–11 disk and magtape volumes and the RT–11 file formats. This information will be most useful to system programmers, but it provides valuable background information for application programmers as well.

Revision/Update Information: This manual replaces Chapters 8 and 9 of the *RT–11 Software Support Manual*.

Operating System: RT–11 Version 5.6

Digital Equipment Corporation
Maynard, Massachusetts

First Printing, August 1991

The information in this document is subject to change without notice and should not be construed as a commitment by Digital Equipment Corporation.

Digital Equipment Corporation assumes no responsibility for any errors that may appear in this document.

Any software described in this document is furnished under a license and may be used or copied only in accordance with the terms of such license. No responsibility is assumed for the use or reliability of software or equipment that is not supplied by Digital Equipment Corporation or its affiliated companies.

Restricted Rights: Use, duplication, or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227–7013.

© Digital Equipment Corporation 1991
All rights reserved. Printed in U.S.A.

The Reader's Comments form at the end of this document requests your critical evaluation to assist in preparing future documentation.

The following are trademarks of Digital Equipment Corporation: CTS–300, DDCMP, DECnet, DECUS, DECwriter, DIBOL, MASSBUS, MicroPDP–11, Micro/RSX, PDP, Professional, Q-bus, RSTS, RSX, RT–11, RTEM–11, UNIBUS, VMS, VT, and the DIGITAL Logo.

S561

This document was prepared using VAX DOCUMENT, Version 1.2.

Preface

Document Structure

This manual is divided into two chapters:

- Chapter 1 describes the file structure for all disk and magtape volumes that RT–11 supports.
- Chapter 2 alphabetically presents information about the structure of supported file formats.

Audience

This manual is written for those users of the RT–11 operating system who want to understand the structure of RT–11 volume and file formats.

Conventions

The following conventions are used in this manual.

Convention	Meaning

Black print	In examples, black print indicates output lines or prompting characters that the system displays. For example:
	`.BACKUP/INITIALIZE DL0:F*.FOR DU1:WRK`
	`Mount output volume in DU1:; continue? Y`

Red print	In examples, red print indicates user input.
Braces ({ })	In command syntax examples, braces enclose options that are mutually exclusive. You can choose only one option from the group of options that appear in braces.
Brackets ([ ])	Square brackets in a format line represent optional parameters, qualifiers, or values, unless otherwise specified.
Lowercase characters	In command syntax examples, lowercase characters represent elements of a command for which you supply a value. For example: `DELETE filespec`

Convention	Meaning
UPPERCASE characters	In command syntax examples, uppercase characters represent elements of a command that should be entered exactly as given.
RET	RET in examples represents the RETURN key. Unless the manual indicates otherwise, terminate all commands or command strings by pressing RET.
CTRL/*x*	CTRL/*x* indicates a control key sequence. While pressing the key labeled Ctrl, press another key. For example: CTRL/C

Associated Documents

Basic Books

- *Introduction to RT–11*
- *Guide to RT–11 Documentation*
- *PDP–11 Keypad Editor User's Guide*
- *PDP–11 Keypad Editor Reference Card*
- *RT–11 Commands Manual*
- *RT–11 Quick Reference Manual*
- *RT–11 Master Index*
- *RT–11 System Message Manual*
- *RT–11 System Release Notes*

Installation Specific Books

- *RT–11 Automatic Installation Guide*
- *RT–11 Installation Guide*
- *RT–11 System Generation Guide*

Programmer Oriented Books

- *RT–11 IND Control Files Manual*
- *RT–11 System Utilities Manual*
- *RT–11 System Macro Library Manual*
- *RT–11 System Subroutine Library Manual*
- *RT–11 System Internals Manual*
- *RT–11 Device Handlers Manual*

- *DBG–11 Symbolic Debugger User's Guide*