HP 3000 Series II Computer System

Index to MPE Documents

Hewlett-Packard

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The List of Effective Pages gives the most recent date on which the technical material on any given page was altered. If a page is simply re-arranged due to a technical change on a previous page, it is not listed as a changed page. Within the manual, changes are marked with a vertical bar in the margin.

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PRINTING HISTORY

New editions incorporate all update material since the previous edition. Update packages, which are issued between editions, contain additional and replacement pages to be merged into the manual by the customer. The date on the title page and back cover changes only when a new edition is published. If minor corrections and updates are incorporated, the manual is reprinted but neither the date on the title page and back cover nor the edition change.

First Edition ......................... June 1970
This manual is one of the set of manuals that document the Multiprogramming Executive-II (MPE-II) Operating System, and is a master index of the MPE-II documents.

The manual plan on the next page indicates the position of this manual (shaded block) in the overall set.
The index contained in this manual is organized in the following manner:

- **Topic**
  - Name of manual (abbreviated)
  - Page(s) in the manual where the topic is discussed.

For example,

- **DRT ENTRY NUMBER**  
  - SUPR 6:16

If a topic is discussed in more than one manual, the entry is as follows:

- **DS SUBQUEUE**  
  - INTR 9:7  
  - SUPR 6:30
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INTRODUCTION

This manual provides a master index of the Multitasking Executive (MPE) Operating System manuals for the HP 3000 Series II. In addition, a listing of the complete set of HP 3000 Series II Computer System user manuals, and a brief description of the contents of each manual, is provided.

HP 3000 SERIES II USER MANUALS

The set of all HP 3000 Series II user manuals is shown in figure 1. Brief descriptions of the contents of each manual are presented in the following paragraphs.

MPE Commands Reference Manual (Part No. 30000-95009)

Describes how to communicate with MPE using operating system commands entered through an interactive terminal or as part of a batch job stream.

MPE Intrinsic Reference Manual (Part No. 30000-96010)

Describes how to communicate with MPE programmatically using intrinsic (system procedure) calls. This manual also describes the capabilities that are available to users who have been assigned special attributes by the System Manager/System Supervisor.

MPE Segmenger Reference Manual (Part No. 30000-97011)

Describes how to manage User Subprogram Library (USL) files, build and manage Segmented Library (SL) files, and alter the segmentation of a program using the MPE Segmenger.
MPF Index

MPF Debug/Stack Dump Reference Manual (Part No. 30000-90012)
Describes how to debug programs using the debug and stack dump features of MPF.

MPF System Utilities Manual (Part No. 30000-90044)
Describes how to use MPF system utilities which perform such functions as copying disc files to magnetic tape for later retrieval, printing analytical listings of main memory dumps, modifying and listing the content of disc files, and displaying or modifying the content of Segmented Library (SL) files.

System Manager/System Supervisor Manual (Part No. 30000-90014)
Describes the commands and capabilities available to the system administrators (System Manager, System Supervisor, and Account Manager) of an HP 3000 Series II.

Console Operator’s Guide (Part No. 30000-90013)
Describes the commands and functional capabilities available to the Console Operator of an HP 3000 Series II. This manual also describes the operating instructions for the machine-resident microdiagnostic programs.

Error Messages and Recovery Manual (Part No. 30000-90015)
Summarizes the probable causes and recommended recovery actions for operating system and subsystem error messages.

HP 3000CS to HP 3000 Series II Program Conversion Guide (Part No. 30000-90046)
Describes how to convert programs and data files created on an HP 3000CS so that they can be used on an HP 3000 Series II. This manual covers MPF, FORTRAN, BASIC, SPL, and IMAGE.
HP 3000 Series II Software Pocket Guide (Part No. 30000-90049)
Summarizes all HPF commands, Intrinsics (system procedures), and File System error messages; all Text Editor, File Copy/Sort/Merge, and 2780/1780 Emulator commands; and all language compiler subsystem commands. Also summarizes the ASCII character set and collating sequence, the HP 3000 Series II machine instruction set, the condition codes and status register, and the interrupt/trap segments and parameters.

IBM SYSTEM/3 TO HP 3000 Conversion Guide (Part No. 37104-90045)
Describes how to convert programs and data files created on an IBM System/3 so that they can be used on an HP 3000 Series II.

Site Preparation Manual (Part No. 30000-90016)

Site Planning Workbook (Part No. 30000-90017)
These two manuals help you prepare your site for the installation of an HP 3000 Series II Computer System.

System Reference Manual (Part No. 30000-90020)
Provides a detailed technical description of the architecture and principles of operation of the HP 3000 Series II Computer System.

Machine Instruction Set Reference Manual (Part No. 30000-90022)
Describes all of the machine instructions of the HP 3000 Series II Computer System.

COBOL/3000 Reference Manual (Part No. 32211-90001)
Describes the constructs and use of the COBOL/3000 language.
 RPG/3000 Compiler Reference and Application Manual (Part No. 32104-90001)
Describes the constructs and use of the RPG/3000 language.

 RPG Listna Analyzer (Part No. 32104-90001)
A column and field template which makes it easier to read RPG listins.

 FORTRAN/3000 Reference Manual! (Part No. 30000-90040)
Describes the constructs and use of the FORTRAN/3000 language.

 BASIC/3000 Interpreter Reference Manual (Part No. 30000-90026)
Describes the constructs and use of the BASIC/3000 language.

 BASIC/3000 Compiler Reference Manual (Part No. 32103-90001)
Describes how to compile a BASIC/3000 program.

 BASIC for Beginners (Part No. 03000-90025)
Describes the following five functional elements of BASIC/3000:
  Calculation: values.
  Transferring control.
  Looping.
  Functions and subroutines.
  Strings and files.
BASIC/3000 Interpreter Pocket Guide (Part No. 03000-90050)
Summarizes the constructs of BASIC/3000.

SPL Reference Manual (Part No. 30000-90024)
Describes the constructs and use of the HP 3000 Systems Programming Language (SPL).

SPL Textbook (Part No. 30000-90025)
Describes the constructs and use of SPL in a tutorial manner. Designed for self study, each chapter concludes with an examination.

Cross Assembler for HP 2100 Computers Reference and Application Manual (Part No. 02000-90047)
Describes how to assemble HP 2100 Assembler language programs on an HP 3000.

Cross FORTRAN IV for HP 2100 Computers Reference Manual (Part No. 30000-90041)
Describes how to compile HP 2100 FORTRAN IV programs on an HP 3000.

GUIT/3000 Reference Manual (Part No. 03000-90012)
Describes the constructs and use of the HP 3000 Text Editor.

FCOPY Reference Manual (Part No. 03000-90064)
Describes the constructs and use of the HP 3000 File Copier.

SORT/3000 Reference Manual (Part No. 32214-90001)
Describes the constructs and use of the HP 3000 Sort/Merge program.
Describes what each input/output formatting, mathematical, and utility procedure in the HP 3000 Compiler Library does and how to call them.

Describes what each mathematical, statistical, and utility procedure in the HP 3000 Scientific Library does and how to call them.

Describes how to debug programs using the HP 3000 Symbol Trace program.

Describes how to create, maintain, and use an IMAGE data base.

Describes how to access an IMAGE data base from an interactive terminal using the QUERY program.

Describes how to transfer data between an HP 3000 and a variety of remote processors in a full microprogramming environment over the public telephone (switched) network, or on a private leased line, using the HP 10130 2780/3780 Emulator subsystem. The Emulator makes the HP 3000 appear to the remote processor as either an IBM 2780 or IBM 3780 data transmission terminal.
programmable Controller Reference and Application Manual (Part No. 30000-90041)

Describes how to program the hard-wired communications link between an HP 3000 and an HP 2100 (with a Basic Control System operating environment) provided by the HP 30300 Programmable Controller.

Real-Time Programmable Controller Reference Manual (Part No. 30000-90042)

Describes how to program the hard-wired communications link between an HP 3000 and an HP 2100 (with a Real Time Executive (RTE-C) operating system environment) provided by the HP 30301 Real-Time Programmable Controller.

HP 3000 Cross Loader for HP 2100 Computers Reference and Application Manual (Part No. 01000-90101)

Describes how to perform the following on an HP 3000 using the Cross Loader:

Program relocation and linking for HP 2100 programs.

Generate HP 2100 ACS operating systems.

Transfer the resultant output of the above two operations from the HP 3000 to an HP 2100 over a communication link.

Using the HP 3000: A Guide for the Terminal User (Part No. 03000-90121)

An introduction to the use of the HP 3000. Covers terminal characteristics, initiating and terminating an interactive session, some WRE File System commands, the HP 3000 Text Editor, FORTRAN/3000, CUMULON/3000, and the RAINC/3000 Interpreter.
Data Entry Library for HP 2640/2644 Terminals Reference Manual
(Part No. 329000-920850)

Describes how to perform the following using the HP 3000 Data Entry Library (DEI/3000):

Create forms interactively from an HP 2640/2644 terminal and store them in the system.

Display, modify, and delete forms interactively from an HP 2640/2644 terminal.

Call DEI/3000 procedures from within user programs to display the forms on a terminal and allow anyone running these user programs to enter data on the form images, edit the data, and store it in data files in the formats established by the user programs.

Student Information System - System Overview (Part No. 129000-920082)

Briefly describes the features and suggested applications of the Student Information System (SIS/3000) data storage and retrieval system which is designed for use in educational institutions.

Student Information System Reference Manual (Part No. 129000-90001)

Describes how to implement an information system using the three SIS/3000 subsystems (Attendance Accounting, Mark Reporting, and Family Information Reporting).

Student Information System - Technical Manual (Part No. 129000-90005)

Describes the internal maintenance specifications for the HP-supplied SIS/3000 software. This manual is necessary only if your application requires that HP-supplied software be modified. Note that modified HP software is not covered by the warranty.

Student Assignment System Reference Manual (Part No. 12901-90001)

Describes how to implement a class scheduling system for educational institutions using the Student Assignment System (SAS/3000).
MPE Index

Student Assignment System – Technical Manual (Part No. 32901-90005)

Describes the internal specifications for the HP-supplied SAS/3000 software. This manual is necessary only if your application requires that HP-supplied software be modified. Note that modified HP software is not covered by the warranty.

MPE MANUALS MASTER INDEX

The following pages contain a master index of the topics discussed in the MPE manuals. The MPE manuals covered in the index, their part numbers, and the manual abbreviations (used in the index to conserve space) are as follows:

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