About This Manual

Objectives of This Manual

This manual is an introduction to using the Connection Machine CM-5 supercomputer. It describes the hardware and software that make up the system, and gives an overview of the commands and tools available to help you develop and run CM-5 programs.

Intended Audience

This manual is intended for people who want to write programs for and run programs on the CM-5 or CM-5E system. We assume that you have some familiarity with the UNIX operating system.

Revision Information

This manual has been revised for Version 7.3 of the CMOST operating system.

Organization of This Manual

Chapter 1 is an introduction to the CM-5.

Chapter 2 describes the basics of using the CM-5.

Chapter 3 describes how to use Prism, the CM-5's programming environment.

Chapter 4 is an overview of the CM-5's languages, libraries, and related software.

Appendix A covers some of the issues involved in porting programs from a CM-2 or CM-200 system to the CM-5.

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Appendix B provides the source code for the sample program **`primes.fcm`**.

Appendix C is a glossary of UNIX and CM-5 terms used in the manual.

Related Documents

For in-depth information about the design of the CM-5, consult the *CM-5 Technical Summary*. Consult the other volumes of the CM-5 documentation set to learn more about many of the topics discussed in this manual.

See your Sun documentation for information about the UNIX operating system.

Notation Conventions

The table below displays the notation conventions used in this manual.

Convention	Meaning
`boldface`	UNIX and CMOST commands, command options, and file names.
Ctrl-d	Combinations of keystrokes are shown with a connecting hyphen. To type the **Ctrl-d** combination, for example, press and hold down the **Control** key, and then press the **d** key.
italics	Parameter names and placeholders in function and command formats.
`typewriter`	Code examples and code fragments.
`% bold typewriter` `typewriter`	In interactive examples, user input is shown in **`bold typewriter`** font and system output is shown in `regular typewriter` font.

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