About This Manual

Objectives of This Manual

This manual describes the CM-5 Integrated Tape System (ITS) and explains how to use its tape I/O utilities to transfer files between a CM-5 Scalable Disk Array (SDA) and an IBM 3480−compatible tape storage unit.

Intended Audience

Anyone who needs to upload files stored on tape onto the CM-5 and/or archive SDA file systems should read this document.

Revision Information

This manual applies to the CMOST Release 7.3.

Organization of This Manual

This manual consists of the following chapters:

Chapter 1 Introduction
Provides an overview of the ITS hardware and software architecture and summarizes its use in a CM-5 system.

Chapter 2 Using the Integrated Tape System
Provides detailed descriptions of the ITS tape utilities that are used to transfer data between an SDA and an external tape unit.

Chapter 3 ITS Programming Examples
Shows examples of ITS tape utilities in use.

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Appendix A IBM File and Tape Formats
Provides an overview of IBM file and tape format characteristics. It will be of interest chiefly to anyone planning to use the ITS to read or write IBM-formatted tapes.

Appendix B Performance Notes for itsibmtape
Offers guidlines for maximizing **`itsibmtape`** performance. **`itsibmtape`** is the principal ITS tape utility, the one most likely to be used for CM-5 tape I/O.

Appendix C Man Pages
Contains man pages for the ITS applications.

Related Documents

System adminstrators will want to read the *ITS System Administrator's Guide* as well.

Notation Conventions

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

Convention	Meaning
`bold typewriter`	UNIX, CMOST and ITS-related software commands, command options, and filenames, when they appear embedded in text.
`%` **`bold typewriter`** `typewriter`	In interactive examples, user input is shown in bold typewriter and system output is shown in regular typewriter font.
italics	Parameter names and placeholders in command formats. When used in ordinary text, *italics* are used to introduce a term that has a special meaning within the current context.

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