PREFACE

This *Guide* describes Medley release 2.0 for the Sun–3 and Sun–4 workstations and the SPARCstation: the release contents, instructions for installing the release, and information on using it.

Audience

The *Medley For the Sun Workstation® User's Guide* is intended for users familiar with the Medley environment who want to use it on the Sun–3 or Sun–4 workstations or the SPARCstation. The *Guide* assumes that the user is already familiar with UNIX and SunOS concepts. The system administrator of a Sun system or network should read this *Guide* to ensure the correct installation of the Medley software.

Chapter 1 of this manual gives an overview of the product and its internal architecture, and is of interest to all users of the system.

System administrators should read Chapter 2, Software Installation; and Chapter 3, Getting Started. These chapters guide the administrator through the process of installing Medley 2.0 and configuring it on the Sun Workstation. Experienced Lisp users may want to configure the software; this procedure is described in Chapter 4.

Users already familiar with the Lisp environment on Xerox workstations should find Chapter 1 and Chapters 3 through 6 useful. These chapters describe the operation of the system after it has been installed as well as those functions and operations which are specific to the Sun Workstation.

Using This Manual

Chapter 1, Introduction, describes the hardware, input/output devices, and software needed to run Medley on a Sun Workstation; describes Medley and how it works with other applications; lists the system components; introduces pertinent SunOS and UNIX conventions used throughout the *Guide;* explains Medley's compatibility; and lists the contents of the release.

Chapter 2, Software Installation, contains the installation and software configuration procedures.

Chapter 3, Getting Started, explains how to set up a site initialization file and install the X Windows System. It also shows the keyboard configuration and has instructions for getting started in Lisp on the Sun Workstation.

Chapter 4, Using Medley on the Sun Workstation, describes how specific Lisp functionality works on the Sun.

Chapter 5, Medley File Systems, discusses the file conventions that need to be followed when running in Medley on a Sun Workstation. Differences in Lisp file attributes and variables are also discussed.

Chapter 6, Error Recovery, describes the diagnostic error recovery program URAID. This chapter explains how to recover from fatal error conditions and lists specific Lisp errors that may be encountered when running Medley on the Sun.

Appendix A, Installation Hints, contains additional notes to help configure Medley, and includes a complete description of the installation script.

Appendix B, Verifying the Installation Tape's Validity, tells how to validate the contents of the `tar` tape.

Appendix C, Layout of Installation Tape Files, includes a listing of the `tar` tape directories and the font directories.

Appendix D, Differences between Xerox Workstations and the UNIX Version of Medley, includes functions for controlling device-specific behavior of the Xerox 1100 series workstation disk drives. It also describes the library modules not supported on the Sun.

The **Glossary** provides definitions of SunOS, UNIX, and Lisp terms used in this *Guide*.

Medley is a Venue product which was built on the Xerox Lisp environment. It provides an integrated programming environment consisting of Interlisp-D and Common Lisp, a windowing system, and a set of programs and utilities. Users not already familiar with the Xerox Lisp environment should try to become somewhat familiar with it before attempting serious development work.

Supporting Documentation

The following reference documents are useful to have on hand during the installation process and when working in Medley on the Sun Workstation.

Sun References

This literature from the Sun documentation set is useful during the installation and when running Medley on a Sun Workstation.

- *Installing UNIX on the Sun Workstation*
- *UNIX Interface Reference Manual*
- *SunOS Reference Manual*
- *Sun Software Technical Bulletin, March 1988*

Venue Documentation

In addition to this *Guide*, the following documents describe the Medley system:

- Guy Steele*, Common Lisp, the Language*, *First Edition*, Bedford, MA: Digital Press, 1987
- *Interlisp-D Reference Manual*, *Volumes 1-3*, Koto Release
- *Xerox Common Lisp Implementation Notes*, Lyric Release
- *Lisp Documentation Tools*, Lyric Release
- *Lisp Library Modules*, Medley Release
- *Lisp Release Notes*, Medley Release

Templates for the Type 3 and Type 4 Sun keyboards are also part of the Medley documentation set.

New users of Medley receive, in the software kit, all the manuals listed above.

Users who are moving the Medley environment from a Xerox workstation to a Sun Workstation receive the following documentation in the software kit:

•   *Lisp Release Notes*, Medley Release

•   *Lisp Library Modules*, Medley Release

•   *Medley for the Sun Workstation® User's Guide*

•   Sun Type 3 and Type 4 keyboard templates

The manual *LispUsers' Modules,* Medley Release, which may be purchased separately, supplements the Medley release.

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