hp DECwindows Motif
for hp OpenVMS Alpha

Documentation Overview

Order Number: AA–RT25A–TE

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This overview provides information about HP DECwindows Motif for
HP OpenVMS Alpha product documentation.

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Preface

This guide describes the contents, organization, and availability of the HP DECwindows Motif for HP OpenVMS Alpha Version 1.3 (DECwindows Motif) documentation.

Intended Audience

This document is intended for DECwindows Motif users, programmers, and system managers.

Related Documents

For additional information about OpenVMS or DECwindows Motif products and services, visit the following web site:

`http://www.openvms.compaq.com`

Reader's Comments

HP welcomes your comments on this manual. Please send comments to either of the following addresses:

Internet	**openvmsdoc@hp.com**
Mail	Hewlett-Packard Company OSSG Documentation Group, ZKO3-4/U08 110 Spit Brook Rd. Nashua, NH 03062-2698

How To Order Additional Documentation

For information about how to order additional documentation, visit the following World Wide Web address:

`http://www.openvms.compaq.com/doc/`

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Documentation Description

This chapter describes all the manuals that make up the extended DECwindows Motif documentation set. This set is currently a combination of industry-standard reference materials and DECwindows Motif product documentation available from HP.

Specifically, this chapter provides brief descriptions of the following documentation:

- Installation Documentation (see Section 1.1)
- User Documentation (see Section 1.2)
- New Desktop Documentation (see Section 1.3)
- Programming Documentation (see Section 1.4)

---------- **Note** ----------

Only manuals produced by HP are shipped as part of the DECwindows Motif documentation kit. All industry-standard reference manuals can be ordered separately through their respective publishers. See Chapter 2 for further information on ordering these manuals.

1.1 Installation Documentation

The DECwindows Motif installation documentation consists of manuals intended for system administrators.

Table 1–1 lists the installation documents and the latest product version for which each document was updated.

Table 1–1   DECwindows Motif Installation Documentation

Title and Description	Software Version
hp DECwindows Motif for hp OpenVMS Alpha Cover Letter Describes the kit and contains any late-breaking information not included in the release notes.	DECwindows Motif Version 1.3
Guide to the hp DECwindows Motif for hp OpenVMS Alpha CD–ROM Describes the contents of the DECwindows Motif CD–ROM.	DECwindows Motif Version 1.3
hp DECwindows Motif for hp OpenVMS Alpha New Features Describes the enhancements and features introduced with the current release of DECwindows Motif. This manual also describes features from previous releases not documented in other manuals. This manual should be reviewed before installing or using DECwindows Motif.	DECwindows Motif Version 1.3
hp DECwindows Motif for hp OpenVMS Alpha Release Notes Describes corrections, known problems, and restrictions introduced with the current release of DECwindows Motif. This manual also describes problems and restrictions from previous releases not documented in other manuals. This manual should be reviewed before installing or using DECwindows Motif.	DECwindows Motif Version 1.3
hp DECwindows Motif for hp OpenVMS Alpha Installation Guide Describes how to install the DECwindows Motif software.	DECwindows Motif Version 1.3
Getting Started With the New Desktop This manual is designed for users of the New Desktop component of DECwindows Motif. It provides information for general users, system managers, and programmers. This manual describes the differences between the New Desktop environment and the Common Desktop Environment.	DECwindows Motif Version 1.2–4[1]
hp DECwindows Motif for hp OpenVMS Alpha Documentation Overview This manual lists and describes the contents and organization of the DECwindows Motif documentation set and provides information about the availability of the product documentation.	DECwindows Motif Version 1.3

[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on system configuration.

1.2 User Documentation

The DECwindows Motif user documentation consists of manuals intended for general users and system administrators.

Due to the manual being discontinued by the publisher (Butterworth-Heinemann), the hardcopy form of *Using DECwindows Motif for OpenVMS* is no longer orderable. However, online formats of the manual remain available from the DECwindows Motif CD–ROM as well as from the DECwindows Motif section of the OpenVMS Documentation web site. See Chapter 2 for further information on ordering and availability as well as information on accessing this web site.

Table 1–2 lists the user documents and the latest product version for which each document was updated.

Table 1–2   DECwindows Motif User Documentation

Title and Description	Software Version
DECwindows Motif for OpenVMS Applications Guide Describes how to start, use, and exit from DECwindows Motif applications.	DECwindows Motif Version 1.2[1]
Managing DECwindows Motif for OpenVMS Systems Provides information about setting up and maintaining the DECwindows Motif environment on both Alpha and VAX systems. It describes customization options for a DECwindows clustered system or a standalone system, as well as system tuning information when certain customization options are in effect.	DECwindows Motif Version 1.2[1]

[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on using DECwindows Motif.

1.3 New Desktop Documentation

This section provides information about the Common Desktop Environment manuals.

Table 1–3 lists the New Desktop documents and the latest product version for which each document was updated.

Table 1–3 DECwindows Motif New Desktop Documentation

Title and Description	Software Version
Common Desktop Environment: User's Guide Describes the basic features of the Common Desktop Environment (CDE) and how to use the desktop and desktop applications.	DIGITAL UNIX Version 4.0[1]
Common Desktop Environment: Advanced User's and System Administrator's Guide Covers advanced tasks in customizing the appearance and behavior of the Common Desktop Environment (CDE).	DIGITAL UNIX Version 4.0[1]
Common Desktop Environment: Programmer's Overview Provides a high-level view of the Common Desktop Environment development environment and the developer documentation set. Read this book before starting application design and development.	DIGITAL UNIX Version 4.0[1]
Common Desktop Environment: Programmer's Guide Provides information about integrating an existing application into the Common Desktop Environment or about developing a new application that uses the features and functionality of CDE.	DIGITAL UNIX Version 4.0[1]
Common Desktop Environment: Help System Author's and Programmer's Guide Describes how to develop online help for Common Desktop Environment application software. It covers how to create help topics and how to integrate online help into an OSF/Motif application.	DIGITAL UNIX Version 4.0[1]

[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on the New Desktop.

Table 1–3 (Cont.)   DECwindows Motif New Desktop Documentation

Title and Description	Software Version
Common Desktop Environment: Style Guide and Certification Checklist Provides application design style guidelines and the list of requirements for Common Desktop Environment application-level certification. Common Desktop Environment requirements consist of the OSF/Motif Version 1.2 requirements with Common Desktop Environment-specific additions.	DIGITAL UNIX Version 4.0[1]
Common Desktop Environment: Internationalization Programmer's Guide Provides information for internationalizing the desktop, enabling applications to support various languages and cultural conventions in a consistent user interface.	DIGITAL UNIX Version 4.0[1]
Common Desktop Environment: Glossary Provides a comprehensive list of terms used in the Common Desktop Environment. It is a source and reference base for all users of CDE.	DIGITAL UNIX Version 4.0[1]

[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on the New Desktop.

1.4 Programming Documentation

HP DECwindows Motif for HP OpenVMS Alpha Version 1.3 is based on the X Window System, Version 11 Release 6.6 (X11R6.6) and incorporates Motif Version 1.2, an industry-standard interface to the X Window System. DECwindows Motif contains several layers of programming resources:

- Xlib, the lowest-level interface to the X Window System, provides routines for creating windows, managing windows, performing graphic functions, and handling input events.

- The X Toolkit (also called the Intrinsics) provides routines for combining existing widgets into a user interface and for creating new widgets.

- The OSF/Motif Toolkit provides routines for including Motif widgets within an application. The Motif Window Manager and the User Interface Language (UIL) compiler are integral to Motif.

- HP (Digital) extensions to Motif include additional widgets and convenience routines to manipulate widgets. HP also provides non-C bindings for all levels of programming resources.

DECwindows Motif programming documentation covers each layer of programming resources. Industry-standard reference materials are discussed for Xlib, the X Toolkit, and OSF/Motif. HP documentation supplements the industry-standard documentation and provides additional information in the following areas:

- Reference information for DECwindows-specific widgets

- Non-C binding information

- Porting guidelines for moving applications from XUI-based DECwindows to DECwindows Motif

- Additional style guidelines for both Motif and DECwindows-specific widgets

- Tutorial guides that supplement industry-standard reference manuals and that describe how to use DECwindows added-value features

The DECwindows Motif programming documentation is organized into three categories, which are further described in the following sections:

- Application programming

- Xlib programming

- Device support and transport programming

1.4.1 Application Programming

If you are an application programmer, you will need information about the OSF/Motif Toolkit, the HP (Digital) extensions to Motif, and the X Toolkit. You may also require information about non-C bindings and porting your applications from XUI to Motif.

Table 1–4 lists the application programming documents and the latest product version for which each document was updated.

Table 1–4   DECwindows Motif Application Programming Documentation

Title and Description	Software Version
Industry-Standard Material	
OSF/Motif Style Guide (Prentice Hall) Describes the behavior and appearance of user interface components that comply with the OSF/Motif specification. Use this guide if you are an applications developer, a widget developer, a user interface developer, or a window manager developer.	OSF/Motif Release 1.2
OSF/Motif Programmer's Guide (Prentice Hall) Describes how to write programs with the OSF/Motif Toolkit. The manual covers three main areas:	OSF/Motif Release 1.2

- Motif Widget Set

- Motif Window Manager

- Motif User Interface Language (UIL) and Motif Resource Manager (MRM)

Use this manual as your primary source of tutorial information for programming with the Motif Toolkit.

OSF/Motif Programmer's Reference (Prentice Hall) Describes all OSF/Motif Toolkit, Motif Window Manager (MWM), and Motif Resource Manager (MRM) routines. The routines are documented as standard manual pages with the following parts:	OSF/Motif Release 1.2

- Syntax of the routine

- Description of the routine, including the names and classes of all resources, the default values of the resources, the data types, and the method of access

- Examples

- Return values

- Errors

- Related information

Use this manual as your primary source of reference information for the Motif Toolkit.

Table 1–4 (Cont.)   DECwindows Motif Application Programming Documentation

Title and Description	Software Version
Industry-Standard Material	
X Window System Toolkit (Digital Press) Documents the X Toolkit (more commonly known as the Intrinsics). The X Toolkit enables programmers to create a user interface from existing widgets and to create new widgets.	X Toolkit X11 Releases 5 to 7

The manual contains two main parts. The first part is a programming guide to using the Intrinsics. Each chapter in the guide covers a topic on two levels: one for application writers, the other for widget writers. The second part of the manual is the complete X Toolkit specification, which contains reference information for all X Toolkit routines. Appendixes contain information about the following topics:

    Resource file format
    Translation table syntax
    Compatibility functions
    Intrinsics error messages
    Defined strings
    Parameter and return types
    Naming conventions
    X Registry

Title and Description	Software Version
HP Documentation	
DECwindows Companion to the OSF/Motif Style Guide Supplements material in the *OSF/Motif Style Guide* and provides guidelines for using the DECwindows-specific widgets.	DECwindows Motif Version 1.2[1]

[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on application programming.

Table 1–4 (Cont.)   DECwindows Motif Application Programming Documentation

Title and Description	Software Version
HP Documentation	
DECwindows Extensions to Motif Provides reference information about DECwindows-specific widgets and the UIL extensions to support these widgets. The manual also describes additional convenience routines provided by DECwindows. The routine descriptions are for C bindings and include the same information as provided for the OSF/Motif routines. The UIL portion of the manual includes tables showing the complete DECwindows Motif widget set (OSF/Motif and DECwindows-specific widgets).	DECwindows Motif Version 1.2[1]
DECwindows Motif Guide to Application Programming Provides a tutorial for programmers using the DECwindows-specific widgets and additional convenience routines. DECwindows-specific widgets include the following: Color mix Compound string text Help Print Structured visual navigation (SVN) The manual contains many examples of how to use HP proprietary routines.	DECwindows Motif Version 1.2[1]
DECwindows Motif for OpenVMS Guide to Non-C Bindings Describes non-C bindings for all DECwindows Motif programming libraries. The bindings for Xlib are standard OpenVMS bindings that support all OpenVMS languages. The bindings for the X Toolkit, the Motif Toolkit, and the HP (Digital) extensions to the Motif Toolkit are generic bindings that currently support Fortran and Pascal.	DECwindows Motif Version 1.2[1]
Porting XUI Applications to Motif Describes how to port applications developed for earlier XUI-based DECwindows to the DECwindows Motif platform. The manual documents the porting tools and provides additional guidelines.	DECwindows Motif Version 1.0[1]

[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on application programming.

1.4.2 Xlib Programming

Xlib programming documentation consists of three industry-standard reference manuals, and two HP programming guides.

Table 1–5 lists the Xlib programming documents and the latest product version for which each document was updated.

Table 1–5 DECwindows Motif Xlib Programming Documentation

Title and Description	Software Version
Industry-Standard Material	
X Window System: Core Library and Standards (Digital Press) Provides complete reference information about Xlib. The manual describes the following:	X Environment X11 Releases 6 and 6.1
• All Xlib Release 6 routines	
• The Inter-Client Communication Conventions Manual (ICCCM), which covers conventions that clients should use to communicate with each other	
• X Logical Font Descriptions (XLFD), which specifies server-independent conventions for font names and properties	
• Xlib routines and X protocol requests equivalence tables	
• Bitmap Distribution Format (BDF), which specifies font file format	

Table 1–5 (Cont.)   DECwindows Motif Xlib Programming Documentation

Title and Description	Software Version
Industry-Standard Material	

X Window System: Core and Extension Protocols (Digital Press)
Provides reference information about the core X Protocol and for many of the new language-independent extension protocols. The manual describes the following:

    X Window System Protocol
    X Display Manager Protocol
    X Font Service Protocol
    X Input Method Protocol
    Inter-Client Exchange Protocol
    X Session Management Protocol
    X Nonrectangular Window Shape Protocol
    X Synchronization Extension Protocol
    X Double Buffer Extension Protocol
    X Keyboard Extension Protocol
    X Input Device Extension Protocol
    X Image Extension Protocol
    X Big-Request Extension Protocol
    XC-MISC Extension Protocol
    X Record Extension Protocol
    XTest Extension Protocol

X Environment
X11 Releases 6 and 6.1

X Window System: Extension Libraries (Digital Press)
Provides reference information about the C language extension libraries provided that support the X Window System extension protocols. The manual describes the C functions available in each of the following libraries:

    Inter-Client Exchange library
    X Session Management library
    X Nonrectangular Window Shape library
    X Synchronization Extension library
    X Double Buffer Extension library
    X Keyboard Extension library
    X Input Device Extension library
    X Image Extension library
    X Record Extension library
    XTest Extension library

X Environment
X11 Releases 6 and 6.1

Table 1–5 (Cont.) DECwindows Motif Xlib Programming Documentation

Title and Description	Software Version
Industry-Standard Material	
X and Motif Quick Reference Guide (Digital Press) Contains C binding information for all Xlib, Intrinsic, and Toolkit routines. The manual also contains summaries of widget resources and data structures, as well as information on X fonts and colors.	X Environment X11 Release 5
HP Documentation	
VMS DECwindows Guide to Xlib (Release 4) Programming: MIT C Binding and *VMS DECwindows Guide to Xlib (Release 4) Programming: VAX Binding* Two HP Xlib programming guides are provided: one for MIT C style bindings and one for OpenVMS bindings that support the standard OpenVMS languages. These books serve as tutorials for Xlib programming and contain many sample programs. Examples are in C for the MIT C manual and in Fortran for the OpenVMS binding.	DECwindows Motif Version 1.0[1]

Each book covers the following topics:

> Managing the client-server connection
> Working with windows
> Defining graphics characteristics
> Using color
> Drawing graphics
> Using pixmaps and images
> Writing text
> Handling events
> Using the X Resource Manager
> Using grabs
> Complying with the Inter-Client Communications
> Conventions
> Compiling fonts

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[1]Refer to the latest version of the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes* and *hp DECwindows Motif for hp OpenVMS Alpha New Features* for additional information on Xlib programming.

1.4.3 Device Support and Transport Programming

Due to significant changes to the transport interface and to the range of supported devices, the following manuals are not considered part of the DECwindows Motif Version 1.3 programming kit:

- *VMS DECwindows Device Driver Manual*
  This manual has been archived and is no longer orderable.

- *VMS DECwindows Transport Manual*
  This manual is not orderable as part of the Version 1.3 programming kit since its content does not apply to the HP DECwindows Motif for HP OpenVMS Alpha Version 1.3 environment, which does not support user-written transports. The information in this manual only applies to those environments using prior versions of DECwindows Motif (Version 1.2–6 and earlier).

  For information on the HP DECwindows Motif for HP OpenVMS Alpha Version 1.3 transport interface, see the *hp DECwindows Motif for hp OpenVMS Alpha New Features* manual and the *hp DECwindows Motif for hp OpenVMS Alpha Release Notes*.

Note that online versions of both manuals are available from the DECwindows Motif section of the OpenVMS Documentation web site. See Chapter 2 for further information on ordering and availability as well as information on accessing this web site.

2

Ordering and Availability Information

This chapter describes ordering and availability information for the DECwindows Motif documentation.

2.1 General Ordering Information

Printed, hardcopy versions of the manuals produced by HP are only available as part of one of the following kits and can no longer be ordered individually:

Full Media (Installation) kit (QA-MV4AB-GZ.1.3)
User kit (QA-XA1AA-GZ.1.26)
Programming kit (QA-XA1AB-GZ.1.26)

Online versions of select DECwindows Motif manuals are also available from the following locations:

- DECwindows Motif Version 1.3 media kit
  See the *Guide to the hp DECwindows Motif for hp OpenVMS Alpha CD–ROM* for instructions on accessing the contents of the DECwindows Motif media kit.

- Associated OpenVMS Alpha Software Product Library (SPL)
  See the documentation included with the SPL offering for instructions accessing the contents of the kit.

- DECwindows section of the OpenVMS Documentation web site
  The web site contains the most comprehensive listing of DECwindows Motif product documentation, including archived manuals. Access the site by visiting the following URL:

  `http://www.openvms.compaq.com/doc/decwin.html`

2.2 Installation Documentation

Table 2–1 lists the titles and part numbers for the DECwindows Motif installation documentation currently available from HP.

Hardcopy versions of these manuals cannot be ordered individually. The individual part numbers are provided for reference purposes only. Instead, you must order the full media kit or enroll in the DECwindows Motif update service.

Online versions of these manuals are available from the DECwindows Motif CD–ROM and from the DECwindows Motif section of the OpenVMS Documentation web site. See Section 2.1 for information on accessing online files.

Table 2–1   Installation Documentation Kit Information

Kit	Manual Title	Part Number
Full Media Kit for OpenVMS Alpha		QA-MV4AB-GZ.1.3
	hp DECwindows Motif for hp OpenVMS Alpha Cover Letter	AV-RT2AA-TE
	hp DECwindows Motif for hp OpenVMS Alpha Release Notes	On media
	hp DECwindows Motif for hp OpenVMS Alpha New Features	AA–RT2CA–TE
	Guide to the hp DECwindows Motif for hp OpenVMS Alpha CD–ROM	AA-RT27A-TE
	hp DECwindows Motif for hp OpenVMS Alpha Installation Guide	AA-RT26A-TE
	hp DECwindows Motif for hp OpenVMS Alpha Documentation Overview	AA-RT25A-TE
	Getting Started With the New Desktop	AA-QUW1A-TE

2.3 User Documentation

Table 2–2 lists the titles and part numbers for the DECwindows Motif user documentation currently available from HP.

Hardcopy versions of these manuals cannot be ordered individually. Instead, you must order the complete user kit. The individual part numbers are provided for reference purposes only.

Online versions of these manuals are available from the DECwindows Motif CD–ROM and from the DECwindows Motif section of the OpenVMS Documentation web site. See Section 2.1 for information on accessing online files.

Table 2–2   User Documentation Kit Information

Kit	Manual Title	Part Number
User Kit		QA-XA1AA-GZ.1.26
	Managing DECwindows Motif for OpenVMS Systems	AA-Q1E9A-TE
	DECwindows Motif for OpenVMS Applications Guide	AA-PGZ6B-TE

2.4 New Desktop Documentation

Table 2–3 lists the titles and part numbers for the New Desktop documentation available from HP.

Hardcopy versions of these manuals cannot be ordered. The individual part numbers are provided for reference purposes only.

Online versions of these manuals are available from the DECwindows Motif CD–ROM and from the DECwindows Motif section of the OpenVMS Documentation web site. See Section 2.1 for information on accessing online files.

Table 2–3   New Desktop Documentation Information

Manual Title	Part Number
Common Desktop Environment: User's Guide	AA-QTLNA-TE
Common Desktop Environment: Advanced User's and System Administrator's Guide	AA-QTLQA-TE
Common Desktop Environment: Programmer's Overview	AA-QTLWA-TE
Common Desktop Environment: Programmer's Guide	AA-QTLXA-TE
Common Desktop Environment: Help System Author's and Programmer's Guide	AA-QTLYA-TE
Common Desktop Environment: Internationalization Programmer's Guide	AA-QTM2A-TE
Common Desktop Environment: Style Guide and Certification Checklist	AA-QTM3A-TE
Common Desktop Environment: Glossary	AA-QTM4A-TE

2.5 Programming Documentation

Table 2–4 lists the titles and ordering information for DECwindows Motif programming documentation available from HP and other third-party publishers.

Hardcopy versions of the manuals produced by HP cannot be ordered individually. Instead, you must order the complete programming kit. The individual part numbers are provided for reference purposes only.

Online versions of the programming manuals produced by HP are available from the DECwindows Motif CD–ROM and from the DECwindows Motif section of the OpenVMS Documentation web site. See Section 2.1 for information on accessing online files.

Table 2–4   Programming Documentation Kit Information

Kit	Manual Title	Part Number
Programming Kit		QA-XA1AB-GZ.1.26
	DECwindows Motif Guide to Application Programming	AA-Q8YTA-TE
	DECwindows Extensions to Motif	AA-Q8YSA-TE

Table 2–4 (Cont.)   Programming Documentation Kit Information

Kit	Manual Title	Part Number
	DECwindows Companion to the OSF/Motif Style Guide	AA-Q8YUA-TE
	DECwindows Motif for OpenVMS Guide to Non-C Bindings	AA-PGZ8B-TE
	VMS DECwindows Guide to Xlib (Release 4) Programming: MIT C Binding	AA-PGZCA-TE
	VMS DECwindows Guide to Xlib (Release 4) Programming: VAX Binding	AA-PGZDA-TE
	Porting XUI Applications to Motif	AA-PGZFA-TE
Third-party manuals		
	X Window System: Core Library and Standards	See Section 2.5.1.
	X Window System: Core and Extension Protocols	See Section 2.5.1.
	X Window System: Extension Libraries	See Section 2.5.1.
	X Window System Toolkit	See Section 2.5.1.
	X and Motif Quick Reference Guide	See Section 2.5.1.
	OSF/Motif Style Guide	See Section 2.5.1.
	OSF/Motif Programmer's Reference	See Section 2.5.1.
	OSF/Motif Programmer's Guide	See Section 2.5.1.

2.5.1 Ordering Third-Party Manuals

The DECwindows Motif documentation was designed to accompany the manuals described in this section. Formerly, HP shipped these manuals with the DECwindows Motif documentation set. To allow you to choose the specific type and quantity of manuals you want to purchase, HP no longer includes the third-party manuals in the DECwindows Motif documentation set. You must order these manuals through their respective companies or their authorized dealers.

Digital Press is now a division of Butterworth-Heinemann. For information about the Digital Press manuals, see their website at `http://www.bh.com`.

Prentice Hall is now a division of Pearson Education Company. For information about the Prentice Hall manuals, see the website for the Prentice Hall Professional Technical Reference series at `http://www.phptr.com`. Specific ordering information is given in Table 2–5.

Table 2–5 Ordering Information for Third-Party Publishers

Manual Title	Author	Year	ISBN
Digital Press Manuals			
X Window System: Core Library and Standards	Robert W. Scheifler James Gettys	1996	1-55558-154-4
X Window System: Core and Extension Protocols	Robert W. Scheifler James Gettys	1997	1-55558-148-X
X Window System: Extension Libraries	Robert W. Scheifler James Gettys	1997	1-55558-146-3
X Window System Toolkit The Complete Programmer's Guide and Specification (Second Edition)	Paul J. Asente Donna Converse Ralph R. Swick	1998	1-55558-178-1
X and Motif Quick Reference Guide (Second Edition)	Randi Rost	1993	1-55558-118-8
Prentice Hall Manuals			
OSF/Motif Style Guide Release 1.2	Open Software Foundation	1992	0-13-643123-2
OSF/Motif Programmer's Reference Release 1.2	Open Software Foundation	1992	0-13-643115-1
OSF/Motif Programmer's Guide Release 1.2	Open Software Foundation	1992	0-13-643107-0

2.5.2 Other Recommended Third-Party Manuals

Other publishers have produced documentation sets about the X Window system and Motif. Although the DECwindows Motif documentation set was not specifically designed to incorporate these manuals, they nonetheless provide useful information about X Windows and Motif. One popular set is from O'Reilly and Associates. Titles in the series include the following:

- *Volume 0: X Protocol Reference Manual*
- *Volume 1: Xlib Programming Manual*
- *Volume 2: Xlib Reference Manual*
- *Volume 3M: X Window System User's Guide*
- *Volume 4M: X Toolkit Intrinsics Programming Manual*
- *Volume 5: X Toolkit Intrinsics Reference Manual*

- *Volume 6A: Motif Programming Manual*
- *Volume 6B: Motif Reference Manual, 2nd Edition*
- *Volume 8: X Window System Administrator's Guide*

For more information about these manuals, visit the UNIX page of the O'Reilly website at `http://unix.oreilly.com`. Note that Volume 7A covers XView programming. XView is not supported by DECwindows Motif.