Software Product Description

PRODUCT NAME: DECwindows Graphical Interface Tools for VMS, Version 1.0   SPD 32.27.01

DESCRIPTION

The DECwindows Graphical Interface Tools are widgets which provide advanced programming capabilities for developers of applications based on OSF/Motif®, allowing customers to easily create graphical WYSIWYG (What-You-See-Is-What-You-Get) applications. This product is available separately or as a component of the DECwindows Tools Package for Motif® (QP-LAXAA-AA), which provides a rich set of development tools for developers of Motif applications. Also included in this package are DEC VUIT V2.0 and LinkWorks Developer's Tools V1.0. The application deployment environment for applications written using the DECwindows Graphical Interface Tools and/or the LinkWorks Developer's Tools is included with VMS DECwindows Motif V1.0 at no additional charge.

DECwindows Graphical Interface Tools consist of:

Graphical Object Editor (GObE) — A 2D graphics widget which allows applications to create and manipulate objects in a world coordinate system. GObE supports a full range of dynamic actions including move, zoom, scroll, scale, rotate, and rubberband. GObE also provides EXTRACT and PASTE and hardcopy output using DDIF (Digital Document Interchange Format).

Network Editor (NetEd) — A 2D graphics widget which provides the ability to lay out networks of nodes and connections. NetEd stores network data in its own internal database and provides network traversal as well as automatic tree/precedence layout. It is designed to be used by applications that need to express complex relationships in the form of networks (directed graphs). Additionally, NetEd is layered on top of GObE and provides all the capabilities of GObE.

Note: The non-C language bindings are not supported in this version. Only the C-language bindings are supported.

HARDWARE REQUIREMENTS

Processor and/or hardware configurations as specified in the System Support Addendum (SSA 32.27.01-x).

SOFTWARE REQUIREMENTS

* VMS Operating System

* VMS DECwindows Motif

Refer to the System Support Addendum (SSA 32.27.01-x) for availability and required versions of prerequisite /optional software and for information regarding components of VMS DECwindows.

ORDERING INFORMATION

Software Licenses: QL-XAQA*-**
Software Media/Documentation: QA-XAQAA-H5
Software Documentation: QA-XAQAA-GZ
Software Product Services: QT-XAQ**-**

* Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

License Management Facility Support

This layered product supports the VMS License Management Facility.

License units for this product are allocated on an Unlimited System Use and Personal Use basis.

Each Personal Use license allows one identified individual to use the layered product.

For more information on the License Management Facility, refer to the VMS Operating System Software Product Description (SPD 25.01.xx) or the *License Management Facility* manual of the VMS Operating System documentation set.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

SOFTWARE WARRANTY

Warranty for this software product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

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System
Support
Addendum

PRODUCT NAME: **DECwindows Graphical Interface Tools** **SSA 32.27.01-A**
for VMS, Version 1.0

HARDWARE REQUIREMENTS

Processors Supported

VAX:　　　　VAX 4000 Model 100,
　　　　　　VAX 4000 Model 200,
　　　　　　VAX 4000 Model 300,
　　　　　　VAX 4000 Model 400,
　　　　　　VAX 4000 Model 500,
　　　　　　VAX 4000 Model 600

　　　　　　VAX 6000 Model 200 Series,
　　　　　　VAX 6000 Model 300 Series,
　　　　　　VAX 6000 Model 400 Series,
　　　　　　VAX 6000 Model 500 Series,
　　　　　　VAX 6000 Model 600 Series

　　　　　　VAX 8200, VAX 8250, VAX 8300,
　　　　　　VAX 8350, VAX 8500, VAX 8530,
　　　　　　VAX 8550, VAX 8600, VAX 8650,
　　　　　　VAX 8700, VAX 8800, VAX 8810,
　　　　　　VAX 8820, VAX 8830, VAX 8840

　　　　　　VAX 9000 Model 110,
　　　　　　VAX 9000 Model 210,
　　　　　　VAX 9000 Model 300 Series,
　　　　　　VAX 9000 Model 400 Series

　　　　　　VAXft Model 110,
　　　　　　VAXft Model 310,
　　　　　　VAXft Model 410,
　　　　　　VAXft Model 610,
　　　　　　VAXft Model 612

　　　　　　VAX–11/750,
　　　　　　VAX–11/780, VAX–11/785

MicroVAX:　MicroVAX II, MicroVAX 2000,
　　　　　　MicroVAX 3100 Model 10/10E,
　　　　　　MicroVAX 3100 Model 20/20E,
　　　　　　MicroVAX 3100 Model 30,
　　　　　　MicroVAX 3100 Model 40,
　　　　　　MicroVAX 3100 Model 80,
　　　　　　MicroVAX 3300, MicroVAX 3400,
　　　　　　MicroVAX 3500, MicroVAX 3600,
　　　　　　MicroVAX 3800, MicroVAX 3900

VAXstation:　VAXstation II, VAXstation 2000,
　　　　　　VAXstation 3100 Model 30,
　　　　　　VAXstation 3100 Model 38,
　　　　　　VAXstation 3100 Model 40,
　　　　　　VAXstation 3100 Model 48,
　　　　　　VAXstation 3100 Model 76,
　　　　　　VAXstation 3200, VAXstation 3500,
　　　　　　VAXstation 3520, VAXstation 3540

　　　　　　VAXstation 4000 Model 60,
　　　　　　VAXstation 4000 VLC

VAXserver:　VAXserver 3100 Model 10/10E,
　　　　　　VAXserver 3100 Model 20/20E,
　　　　　　VAXserver 3300, VAXserver 3400,
　　　　　　VAXserver 3500, VAXserver 3600,
　　　　　　VAXserver 3602, VAXserver 3800,
　　　　　　VAXserver 3900

　　　　　　VAXserver 4000 Model 200,
　　　　　　VAXserver 4000 Model 300,
　　　　　　VAXserver 4000 Model 500

　　　　　　VAXserver 6000 Model 210,
　　　　　　VAXserver 6000 Model 220,
　　　　　　VAXserver 6000 Model 310,
　　　　　　VAXserver 6000 Model 320,
　　　　　　VAXserver 6000 Model 410,
　　　　　　VAXserver 6000 Model 420,
　　　　　　VAXserver 6000 Model 510,
　　　　　　VAXserver 6000 Model 520,
　　　　　　VAXserver 6000 Model 610,
　　　　　　VAXserver 6000 Model 620,
　　　　　　VAXserver 6000 Model 630

Processors Not Supported

VAX–11/725, VAX–11/730, VAX–11/782, MicroVAX I,
VAXstation I, VAXstation 8000

Processor Restriction

A device capable of reading a TK50 is required to install
this product on MicroVAX 2000 and VAXstation 2000
systems.

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Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation:	10,700 blocks (5.48 Mbytes)
Disk space required for use (permanent):	9,600 blocks (4.9 Mbytes)

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

Memory Requirements for DECwindows Support

The minimum supported memory for this application running in a standalone DECwindows environment with both the client and server executing on that same system is 16M bytes.

The performance and memory usage of DECwindows applications are particularly sensitive to system configuration. Less memory may be required on the client system (the system where the software is installed and executed) if the server (the component that displays the application) resides on another system. More memory may be required on a system with several applications running, or where it may be desirable to improve the performance of an application.

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and licensed VAXcluster* configuration without restrictions. The *HARDWARE REQUIREMENTS* sections of this product's Software Product Description and System Support Addendum detail any special hardware required by this product.

* V5.x VAXcluster configurations are fully described in the VAXcluster Software Product Description (29.78.xx) and include CI, Ethernet, and Mixed Interconnect configurations.

SOFTWARE REQUIREMENTS

- VMS Operating System V5.4 - V5.5

- VMS DECwindows Motif® V1.0 - V1.1

This product may run in either of the following ways:

- Stand-alone execution — Running the X11 display server and the client application on the same machine.

- Remote execution — Running the X11 display server and the client application on different machines.

VMS DECwindows Motif is a prerequisite to this product and must be installed separately from and prior to installation of this product. Installation of VMS DECwindows Motif gives users the option to install any or all of the following components:

- VMS DECwindows Motif Compute Server (Base kit; includes runtime support)

- VMS DECwindows Motif Device Support

- VMS DECwindows Motif Programming Support

For stand-alone execution, the following DECwindows Motif components must be installed on the machine:

- VMS DECwindows Motif Compute Server (runtime support)

- VMS DECwindows Motif Device Support

For remote execution, the following DECwindows Motif components must be installed on the machine:

Server Machine

- VMS DECwindows Motif Compute Server (runtime support)

- VMS DECwindows Motif Device Support

Client Machine

- VMS DECwindows Motif Compute Server (runtime support)

- VMS DECwindows Motif Device Support

VMS Tailoring

For VMS V5.x systems, the following VMS classes are required for full functionality of this layered product:

- VMS Required Saveset

- Programming Support

- System Programming Support

- Utilities

For more information on VMS classes and tailoring, refer to the VMS Operating System Software Product Description (SPD 25.01.xx).

OPTIONAL SOFTWARE

- LinkWorks Developer's Tools for VMS V1.0

- DEC VUIT V2.0

- VAX C V3.2

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

TK50 Streaming Tape

This product is also available as part of the VMS Consolidated Software Distribution on CDROM.

ORDERING INFORMATION

Software Licenses: QL-XAQA*-**
Software Media/Documentation: QA-XAQAA-H5
Software Documentation: QA-XAQAA-GZ
Software Product Services: QT-XAQ**-**

* Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

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