Software Product Description

PRODUCT NAME: DEC VUIT™ (Visual User Interface Tool), Version 1.0 for VMS Systems **SPD 32.09.00**

DESCRIPTION

DEC VUIT is an interactive WYSIWYG-style (What-You-See-Is-What-You-Get) editor for building Motif® application interfaces. It is intended for developers experienced in constructing interfaces using Motif or similar windowing systems.

DEC VUIT provides a direct manipulation interface to the OSF/Motif® Release 1.1 User Interface Language (UIL). DEC VUIT also provides an environment that supports rapid development of graphical user interfaces that are compliant with OSF/Motif. Prototype interfaces can be tested, quickly modified based on end-user input, and fed directly into the development stream. Since DEC VUIT generates industry-standard OSF/Motif UIL, not a proprietary presentation description language, the interface built using DEC VUIT is portable to any other platform that supports the OSF/Motif environment.

DEC VUIT enables developers to build the interface visually instead of writing code. During editing, it uses inherent knowledge of widget properties and parent-child relationships to reduce runtime errors.

Features

- Based on industry standards: OSF/Motif Release 1.1 UIL and X11™/R4 intrinsics; not a proprietary presentation description language.
- Runs on multiple platforms: VMS and ULTRIX on VAX, and ULTRIX on RISC. UIL generated by DEC VUIT can run on any vendor platform that supports Motif, allowing the developer to have Digital Equipment Corporation hardware as the development platform with multiple targets.
- Widget Tree Browser presents the widget hierarchy of the interface under construction, allowing the developer to navigate and access specific portions of the interface for editing purposes.
- Uses real widgets, not graphical representations, allowing developers to see the actual runtime appearance while creating or editing interfaces. Developers are constrained to legal widget resources.
- Offers the advantages of UIL-based interface design:
  - — Provides support for resource lists, named values, and runtime variables (identifiers).
  - — Enforces legal parent-child relationships to avoid runtime errors.
  - — Allows developers to build the interface and the application separately, without relinking after every change.
  - — Allows developers to design interfaces that incorporate their own user-defined widgets.
- Contains editors for all data types supported by the Motif toolkit, including color, font, and icon.
- Contains comprehensive, context-sensitive on-line help. This is the major source of reference information on the product.

HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXstation, or VAXserver configuration as specified in the System Support Addendum (SSA 32.09.00-x).

SOFTWARE REQUIREMENTS

For Workstations Running DECwindows:

- VMS Operating System (and necessary components of VMS DECwindows)
- DECwindows Developer Kit for VMS on OSF/Motif

Refer to the System Support Addendum (SSA 32.09.00-x) for availability and required versions of prerequisite software and for information regarding components of VMS DECwindows.

ORDERING INFORMATION

Software Licenses: QL-YHCA9-QB
Software Media: QA-YHCAA-**
Software Documentation: QA-YHCAA-GZ
Software Product Services: QT-YHCA*-**

* 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 a Subscriber/User basis.

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.

For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE PRODUCT SERVICES

A variety of service options are available. 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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™ X Window System, Version 11 and its derivations (X, X11, X Version 11, X Window System) are trademarks of the Massachusetts Institute of Technology.

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System Support Addendum

PRODUCT NAME: DEC VUIT™ (Visual User Interface Tool), Version 1.0 for VMS Systems **SSA 32.09.00-A**

HARDWARE REQUIREMENTS

Processors Supported

VAX: VAX 4000 Model 300

VAX 6000 Model 200 Series,
VAX 6000 Model 300 Series,
VAX 6000 Model 400 Series,
VAX 6000 Model 500 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 9000-210, VAX 9000-410

VAXft 3000-310

VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785

MicroVAX: MicroVAX II, MicroVAX 2000, MicroVAX 3100, MicroVAX 3300, MicroVAX 3400, MicroVAX 3500, MicroVAX 3600, MicroVAX 3800, MicroVAX 3900

VAXstation: VAXstation II, VAXstation 2000, VAXstation 3100 Series, VAXstation 3200, VAXstation 3500, VAXstation 3520, VAXstation 3540

VAXserver: VAXserver 3100, VAXserver 3300, VAXserver 3400, VAXserver 3500, VAXserver 3600, VAXserver 3602, VAXserver 3800, VAXserver 3900

VAXserver 4000 Model 300

VAXserver 6000-210, VAXserver 6000-220, VAXserver 6000-310, VAXserver 6000-320, VAXserver 6000-410, VAXserver 6000-420, VAXserver 6000-510, VAXserver 6000-520

Processors Not Supported

VAX-11/725, VAX-11/782, MicroVAX I, VAXstation I, VAXstation 8000

Block Space Requirements (Block Cluster Size = 1):

Disk space required for installation:	4,700 blocks (2.4 Mbytes)
Disk space required for use (permanent):	4,500 blocks (2.3 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 12 MB.

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 (28.78.xx) and include CI, Ethernet, and Mixed Interconnect configurations.

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December 1990
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SOFTWARE REQUIREMENTS

For Workstations Running DECwindows:

- VMS Operating System V5.3–V5.4 (and necessary components of VMS DECwindows)
- DECwindows Developer Kit for VMS on OSF/Motif® V1.1

This product may run in either of the following ways:

- Standalone 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 is part of the VMS Operating System but must be installed separately. Installation of VMS DECwindows gives the user the option to install any or all of the following three components:

- VMS DECwindows Compute Server (Base kit; includes runtime support)
- VMS DECwindows Device Support
- VMS DECwindows Programming Support

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

- VMS DECwindows Compute Server
- VMS DECwindows Device Support

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

Server Machine

- VMS DECwindows Compute Server
- VMS DECwindows Device Support

Client Machine

- VMS DECwindows Compute Server

VMS Tailoring

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

- VMS Required Saveset
- Network Support
- Programming Support
- Utilities
- VMS Workstation Support

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

OPTIONAL SOFTWARE

None

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

Tape: 9-track 1600 BPI Magtape (PE), TK50 Streaming Tape

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

ORDERING INFORMATION

Software Licenses: QL-YHCA9-QB
Software Media: QA-YHCAA-**
Software Documentation: QA-YHCAA-GZ
Software Product Services: QT-YHCA*-**

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

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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