

Software Product Description

PRODUCT NAME: DECquery for VMS, Version 1.6

SPD 36.77.00

DESCRIPTION

DECquery for VMS is an interactive database query tool for VAXstation computer users. It provides an OSF/Motif™ -compliant graphical interface that enables end-users to formulate queries and send them to a relational database to retrieve specific data.

DECquery for VMS provides end-users with direct on-line access to local and remote server databases (such as Rdb/VMS, ULTRIX/SQL, IBM® DB2™, Oracle®, etc. Users can access any Digital Database Architecture-compliant data source and extract needed data for use in other workstation applications.

Features

- Retrieval access to data sources integrated with the Digital Database Architecture, including:
 - VAX Rdb/VMS
 - ULTRIX/SQL (through Ingres/Net)
 - VAX RMS (through RdbAccess for VAX RMS)
 - IBM DB2 (through VIDA for DB2)
 - IBM VSAM™ (through RdbAccess for VAX RMS; also requires DECnet/SNA Data Transfer Facility)
 - Oracle (through RdbAccess for Oracle on VMS)as well as:
 - Ingres™ (on VMS)
 - VAX DATATRIEVE
- Ability to select a sub-set of records to form a data collection, and to sort data in ascending/descending order by one or more fields. DECquery uses menus and dialog boxes to guide users through its query functions, alleviating the need to know complex Structured Query Language (SQL) syntax. (For users familiar with SQL syntax, the ability to enter and change SQL commands directly is also provided.)
- Join function for combining multiple tables from supported data sources.
- Data aggregate calculations including Total, Average, Maximum, Minimum, and Count by sub-groups of records, and computed columns where a column is based on one or more other columns in a database or on a column multiplied by a constant value, etc.
- Data formatting capabilities, including user customizable display edit strings, justification, color and font text attribute selections.
- The ability to extract queried data into common interchange formats, through the CDA Converter Library, such as:
 - CDA DTIF
 - Lotus® 1-2-3® WK1 or WK3
 - DIF
 - tabular or delimited ASCII
 - fielded ASCIIThis allows the use of the extracted data in various spreadsheet and graphing packages.
- Simple report generation using data from single or multiple data sources. This provides the user with the ability to establish line and page control breaks, and save or print the result to ASCII, PostScript® or CDA DDIF formats. Reports generated by DECquery can be automatically incorporated into DECwrite and DECpresent documents through support of the LiveLink capability. DECwrite can also read and edit DDIF report files directly.
- Create and maintain personal/work group databases in Rdb/VMS. Data can easily be entered and edited in a table, cut/copy/paste between windows, records updated and deleted, "Undo" of last function performed, etc. Personal/work group data can be combined with data from external sources.
- Record and playback for capturing query command procedures for later use. This allows users to create, store, re-use, and share specific queries for repetitive and shareable tasks. User prompting can be incorporated into stored queries to provide "fill-in-the-blank" queries for groups of users.

- Ability to automatically invoke and pass data to DECchart (available with DECwrite and DECpresent) to create business graphs.
- View document utility for storing and displaying a reference within the database to a CDA document such as a letter created by DECwrite or a scanned image that has been converted to DDIF.
- Creation of Mail Merge files for use with DECwrite list processing.
- Public Folders for sharing databases in a work group and Private Folders for personal databases.
- Data security capabilities, including "Protection" for enabling or restricting users to read or modify tables, and "Access Mode" to determine how users can open a table (Read Only or Update).
- Utility for creating and maintaining a catalog of references to data available over the network. This allows users, data administrators, or system managers to customize lists of accessible databases for groups of users, pre-define the database access syntax and display it to users as a named entity.

HARDWARE REQUIREMENTS

Processors and/or hardware configurations as specified in the System Support Addendum (SSA 36.77.00-x).

SOFTWARE REQUIREMENTS

For VAXstations running DECwindows:

- VMS Operating System
- VMS DECwindows Motif™

One of the following Rdb/VMS kits:

- Rdb/VMS Full Development Option
- Rdb/VMS Interactive Option
- Rdb/VMS Run-Time Option

Refer to the System Support Addendum (SSA 36.77.00-x) for availability and required versions of prerequisite/optional software and for information regarding components of VMS DECwindows Motif.

ORDERING INFORMATION

Software Licenses: QL-MD1A*-**

Software Media: QA-MD1AA-H*

Software Documentation: QA-MD1AA-GZ

Software Product Services: QT-MD1A*-**

- * 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 supports VMS License Management Facility.

License units for this product are allocated on Unlimited System Use, Personal Use, or Concurrent Use basis.

Each Personal Use license allows one identified individual to use the layered product. Each Concurrent Use license allows any one individual at a time 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.

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- ™ OSF/Motif is a trademark of the Open Software Foundation, Inc.
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System Support Addendum

PRODUCT NAME: DECquery for VMS Version 1.6

SSA 36.77.00-A

HARDWARE REQUIREMENTS

Processors Supported

VAX: VAXft Model 110,
VAXft Model 310,
VAXft Model 410,
VAXft Model 610,
VAXft Model 612,
VAX 4000 Model 200,
VAX 4000 Model 300,
VAX 4000 Model 500

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

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, VAXstation 4000 VLC,
VAXstation 4000 Model 60

VAXserver: VAXserver 3100, 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

Display Devices

DECquery for VMS runs on any of the above processors, but requires either a workstation, a VT1200* or a VT1300* Display Device.

* Not recommended as replacements for workstation performance.

Processors Not Supported

MicroVAX I, VAX 4000 Model 200 Series, VAXstation I, VAXstation 8000, VAX-11/725, VAX-11/730, VAX-11/782

Processor Restrictions:

A TK50 Tape Drive is required for standalone MicroVAX 2000 and VAXstation 2000 systems.

Other Hardware Required:

A TK50 or 1600 BPI Magnetic Tape Drive is required for installation.

A minimum of one RD54 or two RZ23 disks are required.

Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation: 15,000 blocks
(7.6M bytes)

Disk space required for use (permanent): 12,000 blocks
(6.1M bytes)

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 stand-alone DECwindows environment with both the client and server executing on that same system is 16 Mbytes.

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.

A minimum of 3MB memory is required on a VT1200 or VT1300 to display DECquery.

OPTIONAL HARDWARE

DECquery text files can be printed on any Digital text printer.

DECquery PostScript® files can be printed using any Digital PostScript printer (ScriptPrinter LN03R, PrintServer 20, PrintServer 40, or the PrintServer 40 Plus laser printer).

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*For Workstations Running DECwindows:*

- VMS Operating System V5.4 - V5.5
- VMS DECwindows Motif™ V1.0

One of the following Rdb/VMS kits:

- Rdb/VMS Full Development Option V4.0
- Rdb/VMS Interactive Option V4.0
- Rdb/VMS Run-Time Option V4.0

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 must be installed separately and prior to installing DECquery. Installation of VMS DECwindows Motif gives users 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 stand-alone 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, the following VMS classes are required for full functionality of this layered product:

- VMS Required Saveset
- Optional: Network Support (required for Client /Server split)

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

OPTIONAL SOFTWARE

- DECwrite for VMS V2.0 (Prior versions of DECwrite are supported but with limited presentation features)
- DECpresent for VMS V1.0
- VIDA for DB2 V1.0 (For access to IBM® DB2™)
- RdbAccess for VAX RMS V1.0 (For access to RMS and IBM VSAM™)
- RdbAccess for Oracle® on VMS V1.0 (For access to Oracle)
- VAX DATATRIEVE V5.1 (For access to DATATRIEVE domains defined for VAX DBMS and VAX RMS)
- Ingres™/Net (For access to ULTRIX/SQL)
- DECdecision V1.5

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

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

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

The software documentation for this product is also available as part of the VMS Online Documentation Library on CDROM.

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