



Software Product Description

PRODUCT NAME: DEC DocLink, Version 1.6

SPD 46.20.05

DESCRIPTION

DEC DocLink provides a combination of capabilities that enhance the ability of the technical documentation, configuration management, and structured analysis and design components of the COHESION ASD/SEE Solution.

DEC DocLink is available as a component of the COHESION ASD/SEE Solution (SPD 40.83.xx), which supports software development across the entire software development lifecycle. DEC DocLink operates in the domain of technical documentation and in integration to configuration management and structured analysis and design, as part of the larger COHESION ASD/SEE Solution context.

DEC DocLink provides the following capabilities, which are described in detail below:

- Prepare Interleaf 5™ documents for storage in and retrieval from PCMS, and coordination of the storage and retrieval
- Create Interleaf 5 document links to Cadre Teamwork® Objects

DEC DocLink operates with the OpenVMS VAX operating system. DEC DocLink is not intended to operate as a standalone product, and should only be used as part of the COHESION ASD/SEE Solution.

Features

Integration Between Interleaf 5 and PCMS

DEC DocLink supports the ability to store and retrieve Interleaf 5 documents to and from the configuration management component of the COHESION ASD/SEE Solution, PCMS.

The Interleaf 5 Desktop Utility is first used to convert an Interleaf 5 document into a format compatible with the DEC ASD/SEE Toolkit for VMS (SPD 37.09.xx) Software Development Folder (SDF). Once converted, the SDF capabilities of the ASD/SEE Toolkit are used to place the Interleaf 5 file into PCMS.

To retrieve a file stored in PCMS, the SDF is first used to locate the document in PCMS. DEC DocLink then provides a windows-based capability to move the document onto the Interleaf 5 desktop.

Active Links

Active Links offers a point and click capability to link one Interleaf 5 document to another, and also to link documents to information in diverse applications across operating systems and hardware platforms. Live links are offered to virtually any data source on the network.

Once information is linked to a document, data can be launched and edited in the original application directly from Interleaf 5. Links can be set to update the document every time the document opens, or set to launch the originating application whenever an edit session is started.

The Active Links capability is fully integrated with the Interleaf 5 development environment, so that developers can program intelligence into links. For example, a link can be designed to automatically update a document at a predetermined date and time, or upon any other user-defined event.

Links are created by using menu options or keyboard functions to create live links to both text and graphics data. The following types of data files are supported:

- Microsoft® Word RTF, WordPerfect™, MacWrite®, MacDraw® (PICT & PICT2), MacPaint®, TIFF V5.0, HP-GL®, IGES, PostScript®, and any file format that Interleaf 5 can import
- Other Interleaf 5 documents
- Any ASCII file

Control over the links is supported by:

- Read-only links to ensure that other users cannot edit linked data
- Freezing links from importing data
- Specifying if a link is to maintain its original style and format or assume a new one
- Cut and pasting links without breaking the links
- Suspending a link to edit data in Interleaf 5 and later resume the link
- Searching for links contained in a document

Data can be automatically imported based on user-definable events and at any time the data import can be temporarily frozen:

- When user opens the document
- When user chooses the Extract Data menu option
- When user prints the document

A list of links in a document or a collection of documents can be generated. The report also indicates where there are problematic or broken links.

Customized file formats can be created and added to the link library using the Link Setup Tool. Once included in the library, the new link type becomes a selection on the Create Active Link menu and is ready to use. The Link Setup Tool also allows the network and system environments with which a link is associated to be specified.

Specific links to Cadre *Teamwork* are supported. This includes a standard link to Cadre Data Flow diagrams, plus links to an additional set of *Teamwork* objects. Examples of Cadre object types that can be linked include:

- Ada Structure Graph
- Data Dictionary
- Entity-Relationship Diagram
- Module Specification
- Process Specification
- State-Transition Diagram
- A variety of Charts, Indexes, Notes, and Tables

To help the user get up and running quickly, online documents are included that contain sample links to specialized applications. A sample link to Cadre *Teamwork* serves as an example of using the Active Link capability to integrate with a computer-aided software engineering application.

INSTALLATION

Digital recommends that a customer's first purchase of this software include Digital Installation Services. These services provide installation of the software by an experienced Digital Software Specialist.

For subsequent purchases of this product only experienced customers should attempt installation. Digital recommends that all other customers purchase Digital Installation Services.

Customer Responsibilities

Before installation of the software, the customer must:

- Previously have installed all requisite software and hardware including terminals;
- Ensure that the system meets the minimum hardware and software requirements as specified in the relevant SPDs;
- Make available for a reasonable period of time, as mutually agreed by Digital and the customer, all hardware, communications facilities, and terminals that are to be used during installation;
- For verification of installation and connectivity in a multinode network, designate and provide access to a VAX OSI Transport Service host that has previously been installed by Digital.

Delays caused by any failure to meet these responsibilities will be charged at the then-prevailing rate for time and materials.

HARDWARE REQUIREMENTS

Processors Supported

DEC DocLink, Version 1.6 is supported on hardware configurations that support OpenVMS V6.2. Reference can be made to the configuration charts listed in the OpenVMS Operating System for VAX and Alpha Software Product Description (SPD 25.01.xx).

Processors Not Supported

MicroVAX I, VAXstation I, VAX-11/725, VAX-11/782, VAXstation 8000, VAX 7000 Model 600 Series, VAX 10000 Model 600 Series

Processor Restrictions:

A TK50 or TK70 Tape Drive is required for standalone MicroVAX and VAXstation systems.

Other Hardware Required:

A valid DECwindows workstation configuration is required to support the DECwindows interface.

Disk Space Requirements (Block Cluster Size = 1)

The Installation Kit requires approximately 5,000 blocks. Permanent disk space required is approximately 4,000 blocks.

Memory Requirements for DECwindows Support:

The minimum supported memory for DEC DocLink running in a standalone DECwindows environment with both the client and server executing on that same system is 24 MB.

The minimum supported memory is the minimum that will allow DEC DocLink to run adequately. Additional memory may improve the performance of this product.

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.

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

SOFTWARE REQUIREMENTS

OpenVMS VAX Operating System V6.2
VMS DECwindows Motif® V1.2-3 (Workstations Only)

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 OpenVMS VAX operating system but must be installed separately. Installation of VMS DECwindows gives you 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 DECwindows Device Support

OpenVMS Tailoring:

For OpenVMS V6.2 systems, the following OpenVMS classes are required for full functionality of this layered product:

- OpenVMS Required Saveset
- Programming Support
- Network Support
- Utilities

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

OPTIONAL SOFTWARE

To support the full capabilities of the DEC DocLink software, the following products are available as options to DEC DocLink:

- Cadre *Teamwork*
- Interleaf 5
- SQL Software PCMS

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

ORDERING INFORMATION

DEC DocLink is offered as part of the COHESION ASD/SEE Solution. Please refer to the COHESION ASD/SEE Solution Software Product Description (SPD 40.83.xx) for information concerning the features and ordering information of the ASD/SEE Solution, of which DEC DocLink is a component.

Software Licenses: QL-02EA*-**

Software Media: QA-02EA*-**

Software Product Services: QT-02EA*-**

- * 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.

SOFTWARE LICENSING

This software is furnished only under a license. For more information about Digital's licensing terms and policies, contact your local Digital office. *License Management Facility Support*

This product does not support the OpenVMS License Management Facility.

A license key must be obtained to operate this product. Please contact your Digital service representative, or consult the product installation documentation for information on how to obtain a license key.

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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- ® *Teamwork* is a registered trademark of Cadre Technologies, Inc.
- ™ Interleaf 5 is a trademark of Interleaf, Inc.
- ™ WordPerfect is a trademark of WordPerfect Corp.
- ™ The DIGITAL Logo, CI, COHESION, DEC, DECwindows, Digital, MicroVAX, OpenVMS, TK, VAX, VAX-11/750, VAX-11/780, VAX 8200, VAX 8250, VAX 8300, VAX 8350, VAX 8500, VAX 8530, VAX 8550, VAX 8600, VAX 9000, VAXcluster, VAXft, VAXserver, VAXstation, VAXstation 4000 VLC, and VMS are trademarks of Digital Equipment Corporation.

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