

Software Product Description

PRODUCT NAME: Dialogue Bus Toolkit Version 2.1

SPD : 60.42.01

DESCRIPTION

The Dialogue Bus Toolkit comprises a suite of systems integration services for accessing character cell terminal based, or 'legacy', applications.

The Dialogue Bus Toolkit can be used to integrate software applications without the need to modify the application source code. It can also be used to include the functionality offered by legacy applications as part of a distributed three-tier client-server solution.

Dialogue Bus Toolkit

The Dialogue Bus Toolkit consists of :-

- **Dialogue Bus Toolkit**

The core component of the Dialogue Bus Architecture. Provides a means of integrating legacy software applications where the most effective, or only, method of integration is to use the application's standard input (keyboard) and standard output (screen) channels.

- **Dialogue Bus Script Processor**

A procedural programming language written specifically for the Dialogue Bus environment.

- **DECterm-DB Terminal Manager**

Allows application developers to control the size, placement, colours and menu pull-downs associated with the DECterm Terminal Emulator. DECterm windows can then be used as input/output devices and connected to other applications that are using the Dialogue Bus.

- **Screen Monitor Program (SMP)**

A rule based, event driven 'screen scraper' that allows application generated screen events to be recognized and acted upon.

- **Transition Network Tool (TNT)**

Acts as an information store between applications and services attached to the Dialogue Bus, evaluates data events and schedules other events based on that evaluation.

Dialogue Bus Toolkit Documentation

The Dialogue Bus Toolkit is provided with :

- Installation Guide
- Release Notes
- Dialogue Bus Programmers' Guide
- Script Programmers' Guide
- SMP Programmers' Guide
- TNT Programmers' Guide
- DECterm-DB Programmers' Guide

INSTALLATION

Only experienced OpenVMS or Digital UNIX[R] customers should attempt installation of this product.

Digital recommends that all other customers purchase Digital's Installation Services.

These services provide for installation of the software product by an experienced Digital Software Specialist.

HARDWARE REQUIREMENTS

Any VAX or Alpha processor apart from those listed below

Processors Not Supported

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

Processor Restrictions:

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

DISK SPACE REQUIREMENTS

Block Cluster Size = 1

For Digital UNIX Systems:

Disk space required for use (permanent):

In the /usr partition 7255 kBytes max.

In the /var partition 122 kBytes max.

For OpenVMS Systems:

Disk space required for installation:

On the system device 25000 blocks max.

(12800000 bytes max.)

On the target device 4000 blocks max.

(204800 bytes max.)

Disk space required for use (permanent):

On the target device 4000 blocks max.

(204800 bytes max.)

These 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 8 MB. 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 section of this product's Software Product Description detail any special hardware required by this product.

* 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 OpenVMS Systems:

OpenVMS VAX Operating System V6.0 or higher

OpenVMS AXP Operating System V1.5 or higher

OpenVMS Tailoring:

The following OpenVMS classes are required for full functionality of this layered product:

- **OpenVMS Required Saveset**

For Digital UNIX Systems:

Digital UNIX (previously known as DEC OSF/1) V2.1 or higher.

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

For OpenVMS Systems :

-TK50 Streaming Tape, CD-ROM

For Digital UNIX Systems :

- CD-ROM

ORDERING INFORMATION

For Digital UNIX and OpenVMS Systems:

Software Licenses:

Q2-00GAZ-69 Dialogue Bus Toolkit DCA

The Dialogue Bus Toolkit is offered under licensing terms which reflect the number of concurrent users of the product. The bandings for the number of simultaneous concurrent users are as follows:

1 to 10

11 to 25

26 to 50

51 to 100

101 to 250

Unlimited

For Digital UNIX Systems:

SOFTWARE LICENSING

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

License Management Facility Support:

This product supports the License Management Facility.

This layered products offers a Concurrent Use license. Each Concurrent Use license allows one instance of the layered product to be run.

For more information on the License Management Facility, refer to the appropriate Operating System SPD or documentation.

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 DIGITAL customized Application is for 90 days, provided by Digital with the purchase of the package under project terms and conditions.

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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