DECmessageQ(TM)

DECmessageQ is a powerful development environment that helps you integrate distributed applications quickly across a range of hardware platforms and operating systems. This easy-to-use messaging software enables messages to be sent from one application to another through an advanced queued message bus.

By simplifying the communication interface, DECmessageQ frees your development staff from the intricacies of diverse hardware and networking protocols. As a result, your developers save time and money in building and integrating modular, distributed applications on systems made by a variety of manufacturers. In short, it reduces time-to-market for your software development efforts. Furthermore, it can preserve your current investments in computing platforms and software applications as you implement future computing strategies.

DECmessageQ achieves distributed communications based on a peer-to-peer mechanism called the DECmessageQ Message Queuing Bus. This message bus is a data highway that can be used to transfer messages between processes—whether the message is a request for service across the network or a request for information needed by a distributed application.

DECmessageQ provides a suite of distributed communication features such as message broadcasting, priority selection, recovery, and guaranteed delivery. Using the software's optional Message Recovery Services, messages can be journaled on local or remote disks prior to their delivery. If a communications line is down, the message is preserved on disk and sent again later, the messagebus—not the sending application—is responsible for delivering the preserved message.

Systems based on DECmessageQ can be deployed over a variety of software architectures and transports. Through DECmessageQ, distributed client/server applications achieve simplicity, interoperability, and portability across the leading industry platforms.

Highlights

- High performance— up to hundreds of non-recoverable messages/second; dozens of recoverable messages/second
- Non-blocking, asynchronous communication for time-independent processing
- Advanced development and management tools
- Broadest platform support in the industry including UNIX(R) and Windows NT(TM) server products
- Microsoft Windows(TM) client product with support for DLLs (Dynamically Linked Libraries), Visual Basic(R) development environments, and mobile/wireless communication systems
- Message recovery on UNIX, Windows NT, Macintosh(R), OS/2(R), and OpenVMS(TM) server platforms and Windows clients
- Interoperability with IBM(R) MVS(R)/CICS(R) and IBM MVS/IMS(R)
- Common Application Programming Interface (API) across all platforms
- Network transport support for TCP/IP, DECnet(TM), and LU6.2

Part of Digital's Enterprise Software portfolio, DECmessageQ runs on all major UNIX operating systems, OpenVMS, Windows NT, Macintosh, OS/2, Windows, MS-DOS(R), selected IBM environments via LU6.2, and on a wide variety of industry-leading hardware. In addition, DECmessageQ can be used in conjunction with other popular tools such as Visual Basic and Visual C++, further simplifying the development of applications.

The newest version of DECmessageQ adds server support for new platforms (DEC(R) OSF/1(R), IBM AIX, SunOS(R), Solaris(R), HP-UX(R),Windows NT, OS/2, and Macintosh), a high-performance TCP/IP client for Windows, and recoverable messaging for all platforms—including UNIX, PC DECmessageQ server and Windows client implementations.

Ordering information for DECmessageQ licenses:

OpenVMS VAX:

QL-GKPA*-AA	OpenVMS VAX DEV
QL-GHVA*-AA	OpenVMS VAX RTO
QL-GKQA*-AA	LU6.2 Services for OpenVMS VAX

OpenVMS AXP:

QL-0HJA*-AA	OpenVMS AXP DEV
QL-0HKA*-AA	OpenVMS AXP RTO
QL-0HLA*-AA	LU6.2 Services for OpenVMS AXP

DEC OSF/1 for AXP:

QL-2W7A*-AA	DEC OSF/1 AXP DEV
QL-2W8A*-AA	DEC OSF/1 AXP RTO

ULTRIX VAX:

QL-MK5A*-AA	ULTRIX/VAX DEV
QL-MKBA*-AA	ULTRIX/VAX RTO

ULTRIX RISC:

QL-MK6A*-AA	ULTRIX/RISC DEV
QL-MKCA*-AA	ULTRIX/RISC RTO

HP-UX HP9000:

QL-2W9A*-AA	HP-UX DEV (HP9000-7xx-8xx)
QL-2WAA*-AA	HP-UX RTO (HP9000-7xx-8xx)
QL-MK8A*-AA	HP-UX DEV (HP9000-3xx-4xx)
QL-MKEA*-AA	HP-UX RTO (HP9000-3xx-4xx)

SunOS & Solaris:

QL-MK9A*-AA	SunOS DEV
QL-MKFA*-AA	SunOS RTO
QL-2WDA*-AA	SOLARIS DEV
QL-2WEA*-AA	SOLARIS RTO

IBM AIX RS6000:

QL-2WBA*-AA	AIX DEV
QL-2WCA*-AA	AIX RTO

Other UNIX:

QL-MK7A*-AA	88open DEV
QL-MKDA*-AA	88open RTO

PC Servers:

QL-110AY-AA	Windows NT DEV (AXP/Intel)
QL-113AY-AA	Windows NT RTO (AXP/Intel)
QL-2WFAW-AA	Macintosh DEV
QL-2WGAW-AA	Macintosh RTO
	OS/2 DEV (available 3/95)
	OS/2 RTO (available 3/95)

PC Clients:

QL-MK4AW-AA	Macintosh Client
QL-GHRAW-AA	MS-DOS/MS-Windows Client
QL-GHSAW-AA	OS/2 Client
QM-2WHAA-AA	MS Windows Client (Intel)

Note: DEV = Development, RTO = Run Time Only