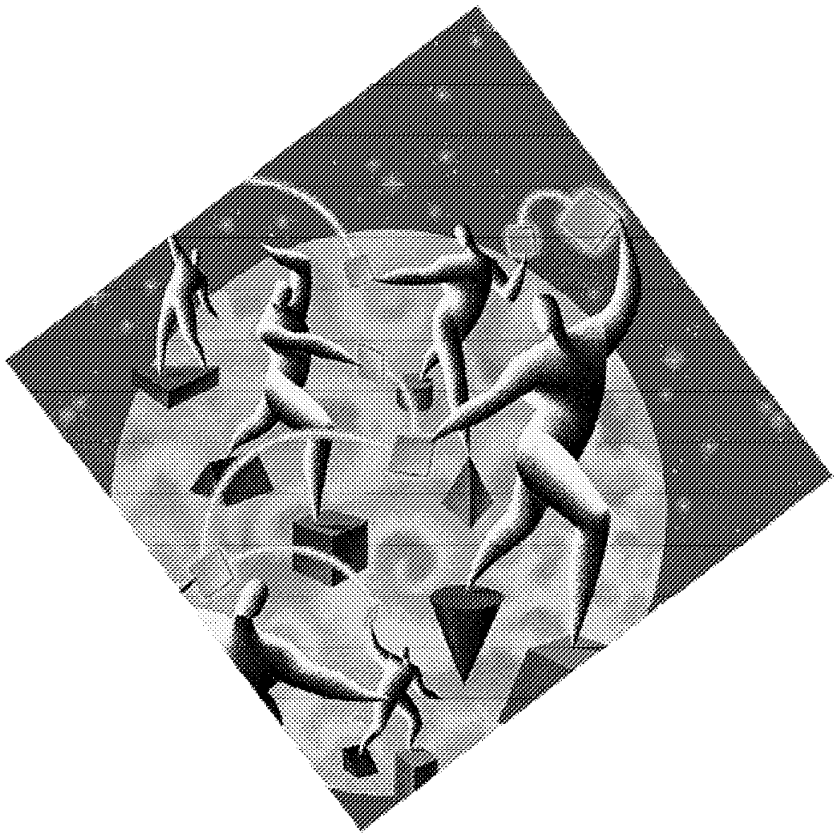
IBM

MQSeries for SINIX and DC/OSx

Version 2 Release 2



MQSeries products enable business applications to exchange information across different operating-system platforms by sending and receiving data as messages. MQSeries, via the Message Queue Interface (MQI), takes care of network interfaces, assures delivery of messages, deals with communication protocols, and handles recovery after system problems. Your programmers can use their skills to handle your business requirements, rather than to solve the underlying complexities of the network.

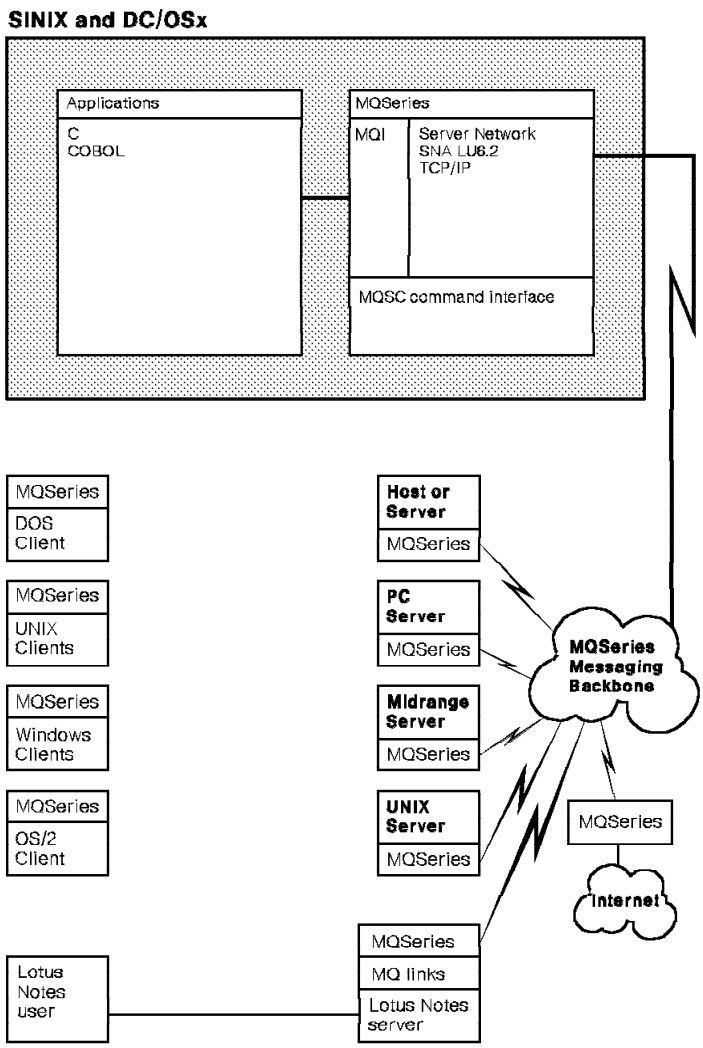
A building block for distributed processing

MQSeries provides a single, multi-platform application programming interface (the MQI). A key factor is the time-independent processing: you know that your message will be dealt with even if one of the recipients is temporarily unavailable. MQSeries can be used as a mail transport, offering the additional benefits of assured delivery of messages and transactional recovery. It can improve your application efficiency and protect the integrity of your business data.

MQSeries products provide the Messaging and Queuing component of the IBM Open Blueprint.

Highlights of this MQSeries product are:

- Supports the SINIX platform from Siemens Nixdorf and the DC/OSx platform from Pyramid Technology.
- Extends the range of MQSeries products to include support on another UNIX platform.
- Allows the freedom and flexibility of the UNIX world to be united with the control and discipline of the host and mid-range environments.
- Delivers SINIX and DC/OSx, OS/2, DOS, and Windows 3.1 clients; supports other MQSeries clients (available via the Internet).
- Can be used within the UNIX environment as a general-purpose queuing system for process-to-process communication via recoverable queues.
- Supports TCP/IP and SNA LU6.2 communications.



Program name

The formal name of this product is **IBM MQSeries for SINIX and DC/OSx**, Version 2.2. Part number: **63H9451**.

Hardware requirements

- SINIX
  - RM200, RM300, RM400, RM600 systems with minimum free system disk space of 30MB (loading DynaText books will increase system disk usage to 50MB)
- DC/OSx
  - MIServer, Nile systems with minimum free system disk space of 30MB

Connectivity

Any communications hardware supporting SNA LU6.2 and/or TCP/IP.

Software requirements

Software requirements are identical for server and client environments unless otherwise stated. Minimum supported levels are shown. Later levels, if any, will be supported unless otherwise stated.

- SINIX-N operating system Version 5.42C10, or later, to match hardware (RM200/300/400)
- SINIX-Y operating system Version 5.42A40, or later, to match hardware (RM600), or
- DC/OSx operating system Version 1.1-cd079, or later

MQSeries Clients

Client code for SINIX and DC/OSx, OS/2, DOS, and Windows 3.1 workstations is provided.

Connectivity

- SINIX

  SNA requires:

  - TRANSIT-SERVER 3.4 (SNA Communication Server Version)
  - TRANSIT-CLIENT 3.4 (SNA Communication Client / Local Functions)
  - TRANSIT-CPIC 3.4 (SNA LU6.2 Communication and CPI-C)

  TCP/IP requires:

  - OpenNet TCP/IP (included with the SINIX operating system)

- DC/OSx
  - SNA requires LU6.2 SW Version 1.3, and:
    - To support the ISC-2 (Intelligent Synchronous Controller) serial line:
      - Communication Services V 1.2 and
      - ISC with SNA engine V 3.1
    - To support the ILC-T (Intelligent LAN Controller, Token Ring) interface:
      - Communication Services V 1.2 and
      - Token-Ring Mac interface V 1.3
    - To support the SNA on the ESCON IBM Channel link:
      - XVI/ESCON Driver 1.0
  - TCP/IP requires:
    - TCP/IP Version 1.0

Options

Transaction Processing monitors (coordination via X/Open XA interface):

- SINIX
  - Encina Version 1.1A00
  - CICS for Siemens Nixdorf SINIX Version 2.1.1
  - Tuxedo Version 5.0
- DC/OSx
  - Tuxedo Version 5.0

Distributed Computing Environment (DCE):

- SINIX
  - Version DCE-MI V1.03B00 or later

Supported programming languages and compilers for application development

- SINIX
  - C compiler (C-DS, MIPS) Version 1.1
  - Micro Focus COBOL Version 3.2
- DC/OSx
  - C4.0 compiler Version 4.0.1
  - Micro Focus COBOL Version 3.2

For further information

For more information about MQSeries, contact your IBM marketing representative or see the MQSeries Internet home page:

http://www.hursley.ibm.com/mqseries/

For the MQSeries newsletter, e-mail the editor at:

mqeditor@vnet.ibm.com

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Did you know ...?

... that MQSeries was voted Best Middleware product at the April 1996 Network Computing “Well-Connected” awards ceremony.

Don’t just take our word for it - see for yourself!

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