

MQSeries Integrator for Windows NT Version 2 Release 0.2



MQSeries® Integrator is part of the MQSeries family, which enables application integration by helping business applications to exchange information across different platforms.

MQSeries Integrator is a powerful information broker that selects and distributes information to the

applications, databases and people that need it. Users can implement realtime, application-to-application message transformation and intelligent message routing quickly and easily. It is flexible so applications can be added, extended or replaced within information flows.

It uses rules to enable the business intelligence of an enterprise to be implemented and applied to business events. Operations include dynamically manipulating and routing messages, such as augmenting in-flight data with that from corporate databases (ie. data enrichment) or storing information in corporate databases (ie. data warehousing).

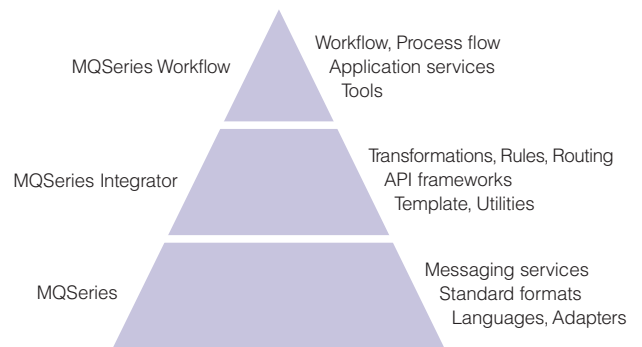
MQSeries Integrator has an open framework, so built-in components can be combined with those from third parties. Message formats are defined either in supplied message dictionaries or as self-defining XML messages.

The latest release extends support for existing AIX®, Sun Solaris and Windows NT®/2000 platforms to include HP-UX and IBM @server iSeries (AS/400®), which significantly increases integration opportunities. It also supports MQSeries Everyplace™ and SCADA protocols to enable closer integration with remote users.

Highlights

- *Transforms, augments and applies rules to message-based data, and routes and distributes it between high performance systems*
- *Integrates both existing and new applications*
- *Integrates application and business data using dynamic content and topic-based publish/subscribe functions*
- *Visualizes the application flow through a graphical development environment*
- *Allows message formats to be defined through a variety of dictionaries, either those supplied with the product or from a third party*
- *Simplifies support for multiple environments with a variety of application adapters, templates and tools*
- *Provides a fully scalable architecture to meet growing business needs*
- *Has an open, architectural framework which allows the use of built-in components with third-party offerings*
- *Exploits and complies with industry standards such as SQL and XML*
- *Provides compatibility with relevant standards such as OMG, EJB, XML/EDI, ERP, CRM and SCM formats*
- *Allows database updates under transactional control*
- *Integrates with MQSeries transaction control and allows end-to-end transaction co-ordination of application integration*
- *Optimizes the functions of MQSeries Integrator Version 2, and supports and exploits the functions of MQSeries Version 5.2 which is shipped with the product*
- *Improves usability in the development environment via a new integrated, interactive visual messageflow debugger and a node development wizard*
- *Enhances support for remote users with direct support for MQSeries Everyplace and SCADA clients*
- *Improves support for NEON (New Era of Networks) Version 5.2 and the Message Repository Manager (MRM) to provide backward compatibility with rules, formats and templates*
- *Supports 10 national languages*
- *Significantly increases integration opportunities – in addition to enhancements to the AIX, Sun Solaris, and Windows® versions, the latest release also supports HP-UX and the iSeries (AS/400) (using the Integrated xSeries Server {IXS} to implement MQSeries Integrator for Windows).*

Business Integration with MQSeries



Program name

The formal name of this product is IBM MQSeries Integrator for Windows NT, Version 2 Release 0.2: program number 5939-F61, part number 0791032 (US English). It is provided on CD-ROM.

Hardware requirements

Any Year 2000 compliant 32-bit Intel PC hardware (or equivalent) that is explicitly compatible and fully capable of running the specified operating system, the corresponding supporting software listed and any associated applications unmodified. Responsibility to provide a statement of full compatibility between machines lies with the original equipment provider.

Connectivity

Any communications hardware supporting:

- *NetBIOS*
- *SNA LU6.2*
- *TCP/IP*
- *SPX*.

Software requirements for message broker and user name server

- *Microsoft® Windows NT Version 4.0*
- *IBM MQSeries for Windows NT 5.1 or later.*

Software requirements for control center and configuration manager

- *Microsoft Windows NT Workstation Version 4.0 or*
- *Microsoft Windows NT Server Version 4 or*
- *Microsoft Windows 2000.*

Database support

- *IBM DB2 Universal Database® Version 6.1 with ODBC or Version 7.1 or*
- *Microsoft SQLServer 6.5, 7.0 and 2000 or*
- *Sybase Version 12.*

Transactional support for Oracle, Sybase and SQLServer is not available on this release.

Connectivity

Connectivity for the message queue interface is available for over 35 products or platforms supported by MQSeries. For details see the MQSeries home page at **ibm.com/software/mqseries/**

MQSeries family

e-business is accelerating the pace of change. Speed to market and quality of service are critical for success so companies need to be agile to survive. The MQSeries family provides a versatile platform for e-business.

It consists of five key elements:

- *MQSeries, the core of the MQSeries family, integrates over 35 platforms. Providing the base messaging functions for servers and clients, and assuring once only message delivery, it can be used alone or with other members of the family.*
- *MQSeries Adapter Offering provides the framework and tools to build and customize MQSeries adapters for existing and new, pre-packaged or custom-developed applications.*
- *MQSeries Everyplace brings the benefits of assured message delivery and rock-solid security to the failure-prone environment of mobile working.*
- *MQSeries Integrator, a powerful information broker, includes a one-to-many connectivity model plus transformation, intelligent routing and information flow modeling across multiple, disparate business systems.*
- *MQSeries Workflow, a business process management system, enables the definition, execution and swift change of complete business processes that span systems, applications and people.*

For further information

Contact your IBM marketing representative or see the MQSeries home page:

ibm.com/software/mqseries/

To register for the MQSeries magazine, The Business Integrator Journal, visit **ibm.com/software/thebusinessintegrator**

Did you know?

... that MQSeries Integrator Version 2 was voted Application Integration/Middleware product of 2000 by Datamation and awarded the Crossroads A-List Award 2001 for Enterprise Application and Data Integration in the Business and Technology Infrastructure Group.

Don't just take our word for it, see for yourself!



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The IBM home page can be found on the Internet at **ibm.com** and more information on MQSeries can be found at **ibm.com/software/mqseries/**

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