

## MQSeries Adapter Offering



### **MQSeries Adapter Builder Version 1 Release 0.1 and MQSeries Adapter Kernel for Multiplatforms Version 1 Release 1.1**

Adapters simplify the connection of applications by allowing them to exchange information with each other despite using different message formats. The MQSeries® Adapter Offering is part of the MQSeries

family of products, which provides the framework and tools to build and customize MQSeries adapters for existing and new, pre-packaged or custom-developed applications.

It consists of the MQSeries Adapter Kernel for Multiplatforms Version 1 Release 1.1 and the MQSeries Adapter Builder Version 1 Release 0.1 for

Windows NT® and Windows® 2000. The MQSeries Adapter Kernel is the runtime component, which enables the deployment of adapters built using the MQSeries Adapter Builder. The latest versions enhance the offering for the Java™ environment.

The MQSeries Adapter Builder tool is used to build adapters that connect applications, including pre-packaged applications such as those from Baan, J.D. Edwards, SAP, Siebel, PeopleSoft and many others to MQSeries messaging environment.

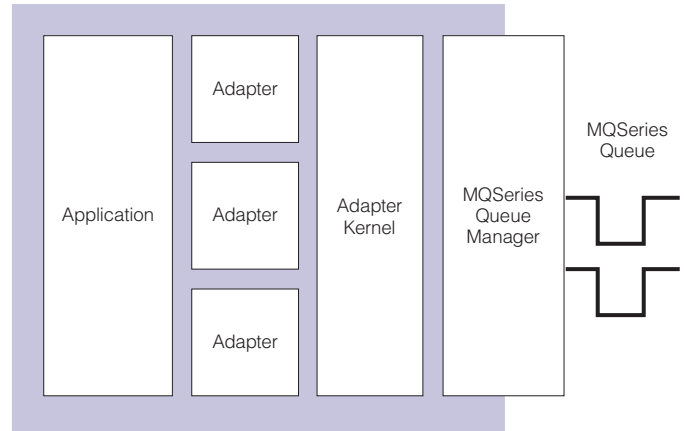
Until now adapters had to be custom developed or bought and modified. They were usually expensive, often non-standard, and required an external transformation engine. But MQSeries Adapter Offering is based on XML, and optionally the Open Applications Group (OAG) standards, so its adapters are intelligent and perform transformation without the need for a transformation engine. However, if the number of connections required increases to a level where a message broker is justified one (ideally the MQSeries Integrator) can be easily added.

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## Highlights

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- *Reduces the risk and cost of managing point-to-point application integration*
- *Provides generic support for adapters such as message creation, parsing and error logging, as well as the interface to MQSeries messaging*
- *Builds interfaces for applications with the provision of the MQSeries Adapter Builder*
- *Provides a safe, predictable migration path*
- *Can be used by enterprises, Business Partners or service providers to create open XML standards-based adapters*
- *Reduces the costs of application development and application maintenance, and brings applications on stream faster*
- *Ensures easier integration with existing applications*
- *MQSeries Adapter Builder is now available on Windows NT and Windows 2000*
- *MQSeries Adapter Kernel supports IBM AIX®, IBM OS/400®, HP-UX™, Sun™ Solaris, Windows NT and Window 2000.*



## Program names

The formal names of the products included in the MQSeries Adapter Offering are:

- *IBM MQSeries Adapter Kernel for Multiplatforms, Version 1 Release 1.1: program number 5648-D75, part number (US English) 0784763.*
- *IBM MQSeries Adapter Builder Version 1 Release 0.1 for Windows NT and Windows 2000: program number 5639-L40, part number (US English) 0781336.*

Both are provided on CD-ROM.

## Machine and programming requirements for IBM MQSeries Adapter Builder Version 1 Release 0.1

### Hardware

- *Any Year 2000 compliant Intel® Pentium® II (or above) based IBM or compatible PC hardware that is explicitly compatible and fully capable of running the specified operating system, all 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.*

### Software

- *Windows NT V4.0 with Service Pack 6 or*
- *Windows 2000 with Service Pack 1.*

## Machine and programming requirements for IBM MQSeries Adapter Kernel Version 1 Release 1.1

### AIX

#### Hardware

- *Any Year 2000 compliant RS/6000® or @server pSeries hardware that is explicitly compatible and fully capable of running the specified operating system, all 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.*
- *Any hardware capable of running other trademarked AIX systems from IBM or other vendors that have passed a set of certification tests for compliance with the AIX application binary and programming interfaces.*

#### Connectivity

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

#### Software

- *AIX V4.3.3*
- *MQSeries for AIX V5.1 or V5.2*

### AS/400

#### Hardware

- *Any Year 2000 compliant AS/400® or @server iSeries (using the IBM Integrated xSeries Server) hardware that is explicitly compatible and fully capable of running the specified operating system, all 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 SNA LU6.2 and TCP/IP.*

## Software

- *OS/400 V4.4 or V4.5*
- *MQSeries for AS/400 V5.1 or V5.2.*

### HP-UX

#### Hardware

- *Any Year 2000 compliant Hewlett Packard or Stratus Continuum hardware that is explicitly compatible and fully capable of running the specified operating system, all 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 SNA LU6.2 and TCP/IP.*

#### Software

- *HP-UX V11.0*
- *MQSeries for HP-UX V5.1 or V5.2.*

### Sun Solaris

#### Hardware

- *Any Year 2000 compliant Sun Microsystems SPARC hardware that is explicitly compatible and fully capable of running the specified operating system, all 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 SNA LU6.2 and TCP/IP.*

#### Software

- *Sun Solaris V8*
- *MQSeries for Sun Solaris V5.1 or V5.2.*

## Windows NT and Windows 2000

### Hardware

- *Any Year 2000 compliant Intel Pentium II (or above) based IBM or compatible PC hardware that is explicitly compatible and fully capable of running the specified operating system, all 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 and SPX.*

### Software

- *Windows NT V4.0 with Service Pack 6 or*
- *Windows 2000 with Service Pack 1*
- *MQSeries for Windows NT and Windows 2000 V5.2 or above, or MQSeries for Windows NT V5.1.*

## 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 Internet home page:

**ibm.com**/software/mqseries/

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



IBM United Kingdom Limited  
Hursley Park  
Winchester  
Hampshire  
SO21 2JN  
Telephone: +44(0)1962 815000

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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### Did you know?

MQSeries was voted Best EAI Solution in the Best of Show awards at the XML One event in April 2001 – the latest in a long list of accolades.

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