

COMPORSYS Connector

for
IBM® MQSeries® / WebSphere® MQ

Product Specification

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Combining time-tested Enterprise Information Systems (EIS) with internet compatible applications in company's with heterogeneous hardware and software is a great challenge.

Successful e-commerce solutions must enable an inexpensive integration of the systems that are available.

With the J2EE™ Connector Architecture Specification for the Java™ 2 Enterprise Edition (J2EE) the cornerstone to a solution has been laid. It defines - today and for the future - the standard of how any of the following

- EIS,
- ERP-Systems,
- transaction monitors and
- non-relational databases

are integrated into an application server

- scaleable
- transactional
- secure

The COMPORSYS Connector for IBM® MQSeries® has been one of the first available connectors that implements the J2EE™ Connector Architecture Specification - developed for use in every application server. COMPORSYS is now looking back on three years of successful Enterprise Application Integration with JCA.

The COMPORSYS Connector connects to IBM® MQSeries® through the official IBM® JMS support classes.

The COMPORSYS Connector for IBM® MQSeries® offers an easy-to-use interface to all of your MQ-enabled applications.

- Supports the Common Client Interface (CCI) for point-to-point and publish/subscribe communication model.
- Supports all transaction support level up to distributed transactions using the Java Transaction Service.
- Persistent connections for maximal performance and scalability.
- Includes COMPORSYS Code Generation Tool for generating record classes and easy-access classes from COBOL copy books.

The COMPORSYS Connector fully integrates into the application server:

- Easy installation and deployment through "plug-in" resource adapter.
- The integrated Connection Pooling offers the necessary scalability.
- Integrates into the Java Security Service and authenticates against IBM® MQSeries®.



Our feature

Your advantage

Application Server Integration

- | | |
|--|--|
| <ul style="list-style-type: none"> - complies with the J2EE™ Connector Architecture Specification 1.0 - integrates fully with the Java™ Transaction Service (JTS) - propagates user information - can be used even without an application server, for instance for prototyping | <ul style="list-style-type: none"> - may be used in any application server - utilization in the proven infrastructure of the server for <ul style="list-style-type: none"> - transaction management - connector pooling - configuration - tracing and logging |
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Transaction Management

- | | |
|---|---|
| <ul style="list-style-type: none"> - support of the transaction level "<i>NoTransaction</i>", "<i>LocalTransaction</i>" and "<i>XaTransaction</i>" | <ul style="list-style-type: none"> - easy, convenient and secure way to use transactions |
|---|---|

Data Types and Conversions

- | | |
|--|--|
| <ul style="list-style-type: none"> - COMPORSYS Code Generation Tool generates Java source code from COBOL copy books. - automatic conversion from and according to EBCDIC - framework for the definition of your own data types | <ul style="list-style-type: none"> - focus on the business logic - easy programming - any conversion from for example Cobol and PL/1 data types can be done |
|--|--|

Communication

- | | |
|--|---|
| <ul style="list-style-type: none"> - integrates the IBM® JMS classes - comprehensive tracing possibilities - supports local and TCP/IP binding to the Queue Manager | <ul style="list-style-type: none"> - proven connectivity solution - easy administration - high scalability and performance |
|--|---|

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Available for

- All application server with support for the Java Connector Architecture (JCA). The Connector is ready-to-use for:
- BEA WebLogic Server 6/7/8
- BEA WebLogic Integration 8
- IBM Websphere 5
- Sun ONE AS 7
- JBoss 3
- Oracle 9i AS
- SAP J2EE Engine 6

Comporsys Hansa GmbH

Spitzerdorfstr. 3
D-22880 Wedel
Germany

Tel. +49 (0)4103 12117-0
Fax +49 (0)4103 12117-29

email info@comporsys.de
<http://www.comporsys.de>

More information about

J2EE™ Connector Architecture
Specification
<http://java.sun.com/j2ee/connector>

IBM® WebSphere MQ
<http://www.ibm.com>

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