

COMPORSYS Connector

for
IBM[®] IMS[®]

Product Specification

COMPORSYS Connector for IBM® IMS®

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® IMS® 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® IMS® through the IBM® IMS Connect product that enables TCP/IP communication via OTMA to IMS.

The COMPORSYS Connector for IBM® IMS® offers an easy-to-use interface to your existing mainframe transactions.

- Supports the Common Client Interface (CCI) for synchronous execution of IMS transactions.
- Supports SYNCLEVEL 0 and SYNCLEVEL 1 communication 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 implicitly propagates user information with the IMS call.



Our feature

Your advantage

Application Server Integration

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| <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

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|--|---|
| <ul style="list-style-type: none"> - support for SYNCLEVEL 0 and 1 - support of the transaction level "<i>local_transaction</i>" and "<i>xa_transaction</i>" | <ul style="list-style-type: none"> - easy, convenient and secure way to carry out transactions |
|--|---|

Data Types and Conversions

- | | |
|--|---|
| <ul style="list-style-type: none"> - COMPORSYS Code Generation Tool generates Java Record and Access classes 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® IMS Connect product - comprehensive tracing possibilities | <ul style="list-style-type: none"> - proven connectivity solution - easy administration - high scalability and performance |
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COMPORSYS Connector
for IBM® IMS®

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

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More information about

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

IBM® IMS Connect
<http://www.ibm.com>

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