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Information integration among Heterogeneous and Autonomous Applications

Benabdelkader, A.

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List of Abbreviations

- ADO:** ActiveX Data Object
- API:** Application Programming Interface
- BLOB:** Binary Large Object
- CDM:** Common Data Model
- CGI:** Common Gateway Interface
- COMCOL:** Communication and Collaboration Layer
- CORBA:** Common Object Request Broker Architecture
- DBA:** Database Administrator
- DBT:** Data Browsing Tool
- DC:** Dublin Core
- DCMI:** Dublin Core Meta-data Initiative
- DIMS:** Distributed Information Management System
- DLL:** Dynamic Link Library
- DTD:** Data Type Definition
- EC:** Electronic Commerce
- ER:** Entity Relationship
- EXP:** Export Schema
- FL :** Federated Layer
- FDBMS:** Federated Database Management System
- FRS:** Federated Resources Specifications
- FQP:** Federated Query Processing
- GFI2S:** Generic and Flexile Information Integration System
- IDL:** Interface Definition Language
- IIS :** Internet Information Server
- IMP:** Import Schema
- INT:** Integrated Schema
- IPR:** Intellectual Propriety Rights
- JDBC:** Java DataBase Connectivity

LAL: Local Adaptation Layer
LAN: Local Area Network
LOC: Local Schema
LRS: Local Resources Specifications
MACS: Material Analysis for Complex Surfaces
NFL: Node Federation Layer
ODBC: Open Database Connectivity
ODBMS: Object Database Management Systems
ODL: Object Definition Language
ODMG: Object Database Management Group
OIF: Object Interchange Format
OLAP: On Line Analysis Processing
OLE-DB: Object Linking and Embedding for Databases
OMT: Object Modeling Technique
OQL: Object Query Language
ORDBMS: Object-Relational Database Management Systems
RDBMS: Relational Database Management Systems
RMI: Remote Method Invocation
SDDL: Schema Definition and Derivation Language
SMT: Schema Manipulation Tool
SQL: Structured Query Language
SQL/CLI: SQL Call-Level Interface
SQL/PSM: SQL Persistent, Stored Modules
STEP: Standard for the Exchange of Product Model Data
UML: Unified Modeling Language
UDBA: Universal DataBase Access Interface
VIMCO: Virtual-laboratory Information Management for COoperation
ViSE: Virtual Simulation and Exploration
VL: Virtual Laboratory
VLAM-G: Grid-based Virtual Laboratory Amsterdam
VL-e: Virtual Laboratory for Experimental Science
XML: eXtensible Markup Language
WAN: Wide Area Network