Information integration among Heterogeneous and Autonomous Applications

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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
**GF12S**: Generic and Flexible Information Integration System
**IDL**: Interface Definition Language
**IIS**: Internet Information Server
**IMP**: Import Schema
**INT**: Integrated Schema
**IPR**: Intellectual Property Rights
**JDBC**: Java Database Connectivity
**LIST OF ABBREVIATIONS**

**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