

Current Support of XML by the “Big Three”

Storing and Indexing XML

	Oracle	DB2	SQL Server
XML data type	XMLType <ul style="list-style-type: none"> – structured – binary – non-structured 	XML <ul style="list-style-type: none"> – structured – binary 	XML <ul style="list-style-type: none"> – structured – binary
Mapping	User-defined <ul style="list-style-type: none"> – names – data types – storage strategies 	User-defined <ul style="list-style-type: none"> – relations – columns – conditions, expressions 	User-defined <ul style="list-style-type: none"> – relations – columns – keys, relationship
Indexing	XMLIndex	Region index, column path index, XML index	Primary, secondary (PATH, PROPERTY, VALUE), full-text

Querying and Updating and Evolving XML

	Oracle	DB2	SQL Server
Querying	XQuery, SQL/XML	XQuery, SQL/XML, SQL embedded to XQuery	XQuery, SQLXML
Updating	Own functions for inserting, replacing and deleting nodes	XML Update Facility	Own function with parameter for inserting, replacing and deleting nodes
Evolving	With/without backward compatibility	Backward compatibility must be ensured	Only for XML columns using SCHEMA COLLECTIONS

