

Changes to 18.13.1 connection (Connection)

This element contains both the definition of how to get at an external data source as well as information describing how the connection is used within the workbook. Specific constructs in a worksheet, such as OLAP formulas, QueryTables, or PivotTables make use of information in the connection to retrieve or refresh data based on default events or the user's explicit request.

Attributes	Description
...	...
type (Database Source Type)	<p>Specifies the data source type.</p> <p>Values are as follows:</p> <ol style="list-style-type: none"> 1. ODBC-based source 2. Custom data connection source DAO-based source 3. Custom data connection source File-based database source 4. Web query 5. Custom data connection source 6. Text-based source 7. Custom data connection source ADO record set 8. Custom data connection source DSP <p>Custom data connection source represents an application-defined connection technology. [Note: For example, Microsoft Office uses this value these values to represent DAO (2), application-defined connection file (3), OLE DB (5), ADO (7), and DSP (8) connections. <i>end note</i>]</p> <p>The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.</p>

[Note: The W3C XML Schema definition of this element's content model (CT_Connection) is located in §A.2. *end note*]

Changes to Bibliography

The following documents are useful references for implementers and users of this International Standard, in addition to the Normative References:

~~ADO~~, [http://msdn.microsoft.com/en-us/library/ms675532\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/ms675532(v=vs.85).aspx)

~~DAO~~, [http://msdn.microsoft.com/en-us/library/aa248396\(v=vs.60\).aspx](http://msdn.microsoft.com/en-us/library/aa248396(v=vs.60).aspx)

~~DSP~~, [http://msdn.microsoft.com/en-us/library/dd672591\(v=vs.90\).aspx](http://msdn.microsoft.com/en-us/library/dd672591(v=vs.90).aspx)

OLE DB, [http://msdn.microsoft.com/en-us/library/ms722784\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/ms722784(v=vs.85).aspx)

Information on elements, attributes, and OPC parts in ISO/IEC 29500 (OOXML), <http://purl.oclc.org/ooxml/onlineInformativeAnnexes>

Requirements for Japanese Text Layout, W3C Working Group Note 4 June 2009,
http://www.w3.org/TR/jlreq/#en-subheading1_6