### volTypes (Volatile Dependency Types)

Represents the collection of external dependencies for a workbook. This element defines the structure of the volatilateDependencies part. There can only be one volatileDependencies part for each workbook. However, the part may contain one or more dependency types.

The volatileDependencies part stores the following information for Real Time Data (RTD) and CUBE functions:

* Cached [values](values.docx)
* Parameters used
* Connection and Server names

[Example: Outline of XML Structure

<volTypes xmlns="…">  
 <[volType](volType.docx) type="realTimeData">  
 </[volType](volType.docx)>  
 <[volType](volType.docx) type="olapFunctions">  
 </[volType](volType.docx)>

</volTypes>

end example]

|  |
| --- |
| Parent Elements |
| Root element of SpreadsheetML Volatile Dependencies part |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [extLst](extLst.docx) (Future Feature Data Storage Area) | § |
| [volType](volType.docx) (Volatile Dependency Type) | § |

The following XML [Schema](Schema.docx) fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_VolTypes">

<sequence>

<element name="[volType](volType.docx)" type="CT\_VolType" minOccurs="1" maxOccurs="unbounded"/>

<element [name](name.docx)="[extLst](extLst.docx)" minOccurs="0" type="CT\_ExtensionList"/>

</sequence>

</complexType>