## QueryTable Data

Query [tables](tables.docx) are 2 dimensional [tables](tables.docx) of data bound to an external [query](query.docx) of some kind. A [query](query.docx) [table](table.docx) could for example show specific data from a text file, from a web [query](query.docx), or from a database query.

[Example:

Data connectivity can use a number of different technologies. The following spreadsheetML fragment is one an example of a [query](query.docx) [table](table.docx) connected to a database:

<[queryTable](queryTable.docx) xmlns="…" name="Northwind Orders" rowNumbers="1"
 growShrinkType="overwriteClear" connectionId="1" autoFormatId="16"
 applyNumberFormats="0" applyBorderFormats="0" applyFontFormats="0"
 applyPatternFormats="0" applyAlignmentFormats="0" applyWidthHeightFormats="0">

 <[queryTableRefresh](queryTableRefresh.docx) nextId="15">
 <[queryTableFields](queryTableFields.docx) count="12">
 <[queryTableField](queryTableField.docx) id="1" name="OrderID" tableColumnId="1"/>
 <[queryTableField](queryTableField.docx) id="2" name="CustomerID" tableColumnId="2"/>
 <[queryTableField](queryTableField.docx) id="3" name="EmployeeID" tableColumnId="3"/>
 <[queryTableField](queryTableField.docx) id="4" name="OrderDate" tableColumnId="4"/>

 <[queryTableField](queryTableField.docx) id="5" name="RequiredDate" tableColumnId="5"/>
 <[queryTableField](queryTableField.docx) id="6" name="ShippedDate" tableColumnId="6"/>
 <[queryTableField](queryTableField.docx) id="7" name="ShipName" tableColumnId="7"/>
 <[queryTableField](queryTableField.docx) id="8" name="ShipAddress" tableColumnId="8"/>

 <[queryTableField](queryTableField.docx) id="9" name="ShipCity" tableColumnId="9"/>
 <[queryTableField](queryTableField.docx) id="10" name="ShipRegion" tableColumnId="10"/>
 <[queryTableField](queryTableField.docx) id="11" name="ShipPostalCode" tableColumnId="11"/>
 <[queryTableField](queryTableField.docx) id="12" name="ShipCountry" tableColumnId="12"/>
 </[queryTableFields](queryTableFields.docx)>
 </[queryTableRefresh](queryTableRefresh.docx)>
</[queryTable](queryTable.docx)>

end example]

And here's an example of the spreadsheetML fragment defining a [query](query.docx) [table](table.docx) connected to a text import:

[Example:

<[queryTable](queryTable.docx) xmlns="…" name="data in text" connectionId="1" autoFormatId="16"
 applyNumberFormats="0" applyBorderFormats="0" applyFontFormats="1"
 applyPatternFormats="1" applyAlignmentFormats="0"
 applyWidthHeightFormats="0"/>

end example]

Elsewhere in the spreadsheetML file, a [connection](connection.docx) element is defined with the name "Northwind Orders" that describes how to connect to the appropriate database to refresh data for the [query](query.docx) table.