#### [dimension](dimension.docx) (OLAP Dimension)

Represents a PivotTable OLAP Dimension. A [dimension](dimension.docx) is a [field](field.docx) that organizes a single type of data into a hierarchy with levels of detail. For example, an OLAP database could contain a Time [dimension](dimension.docx) providing data for levels Year, Month, Week, and Day, allowing you to create reports that let you compare day-to-day sales results or view a summary of your sales for an entire year.

|  |
| --- |
| Parent Elements |
| [dimensions](dimensions.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| caption (Dimension Display Name) | Specifies the display name of the dimension.The possible values for this attribute are defined by the [ST\_Xstring](ST_Xstring.docx) simple type (§). |
| measure (Measure) | Specifies a boolean value that indicates whether this is a measure dimension.A value of on, 1, or true indicates this [dimension](dimension.docx) is a measure dimension.A value of off, 0, or false indicates this [dimension](dimension.docx) is not a measure dimension.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| [name](name.docx) (Dimension Name) | Specifies the name of the dimension.The possible values for this attribute are defined by the [ST\_Xstring](ST_Xstring.docx) simple type (§). |
| uniqueName (Dimension Unique Name) | Specifies the unique name of the dimension.The possible values for this attribute are defined by the [ST\_Xstring](ST_Xstring.docx) simple type (§). |

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

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

 <attribute [name](name.docx)="measure" type="xsd:boolean" default="false"/>

 <attribute [name](name.docx)="[name](name.docx)" use="required" type="[ST\_Xstring](ST_Xstring.docx)"/>

 <attribute [name](name.docx)="uniqueName" use="required" type="[ST\_Xstring](ST_Xstring.docx)"/>

 <attribute [name](name.docx)="caption" use="required" type="[ST\_Xstring](ST_Xstring.docx)"/>

</complexType>