### ST\_PivotFilterType (Pivot Filter Types)

This simple type defines [filters](filters.docx) that can be applied to PivotTables.

This simple type's contents are a restriction of the XML [Schema](Schema.docx) string datatype.

The following are possible enumeration values for this type:

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| Enumeration Value | Description |
| captionBeginsWith (Caption Begins With) | Indicates the "begins with" [filter](filter.docx) for [field](field.docx) captions. |
| captionBetween (Caption Is Between) | Indicates the "is between" [filter](filter.docx) for [field](field.docx) captions. |
| captionContains (Caption Contains) | Indicates the "contains" [filter](filter.docx) for [field](field.docx) captions. |
| captionEndsWith (Caption Ends With) | Indicates the "ends with" [filter](filter.docx) for [field](field.docx) captions. |
| captionEqual (Caption Equals) | Indicates the "equal" [filter](filter.docx) for [field](field.docx) captions. |
| captionGreaterThan (Caption Is Greater Than) | Indicates the "is greater than" [filter](filter.docx) for [field](field.docx) captions. |
| captionGreaterThanOrEqual (Caption Is Greater Than Or Equal To) | Indicates the "is greater than or equal to" [filter](filter.docx) for [field](field.docx) captions. |
| captionLessThan (Caption Is Less Than) | Indicates the "is less than" [filter](filter.docx) for [field](field.docx) captions. |
| captionLessThanOrEqual (Caption Is Less Than Or Equal To) | Indicates the "is less than or equal to" [filter](filter.docx) for [field](field.docx) captions. |
| captionNotBeginsWith (Caption Does Not Begin With) | Indicates the "does not begin with" [filter](filter.docx) for [field](field.docx) captions. |
| captionNotBetween (Caption Is Not Between) | Indicates the "is not between" [filter](filter.docx) for [field](field.docx) captions. |
| captionNotContains (Caption Does Not Contain) | Indicates the "does not contain" [filter](filter.docx) for [field](field.docx) captions. |
| captionNotEndsWith (Caption Does Not End With) | Indicates the "does not end with" [filter](filter.docx) for [field](field.docx) captions. |
| captionNotEqual (Caption Not Equal) | Indicates the "not equal" [filter](filter.docx) for [field](field.docx) captions. |
| count (Count) | Indicates the "count" filter. |
| dateBetween (Date Between) | Indicates the "between" [filter](filter.docx) for date values. |
| dateEqual (Date Equals) | Indicates the "equals" [filter](filter.docx) for date values. |
| dateNewerThan (Date Newer Than) | Indicates the "newer than" [filter](filter.docx) for date values. |
| dateNewerThanOrEqual (Date Newer Than or Equal To) | Indicates the "newer than or equal to" [filter](filter.docx) for date values. |
| dateNotBetween (Date Not Between) | Indicates the "not between" [filter](filter.docx) for date values. |
| dateNotEqual (Date Does Not Equal) | Indicates the "does not equal" [filter](filter.docx) for date values. |
| dateOlderThan (Date Older Than) | Indicates the "older than" [filter](filter.docx) for date values. |
| dateOlderThanOrEqual (Date Older Than Or Equal) | Indicates the "older than or equal to" [filter](filter.docx) for date values. |
| lastMonth (Last Month) | Indicates the "last month" [filter](filter.docx) for date values. |
| lastQuarter (Last Quarter) | Indicates the "last quarter" [filter](filter.docx) for date values. |
| lastWeek (Last Week) | Indicates the "last week" [filter](filter.docx) for date values. |
| lastYear (Last Year) | Indicates the "last year" [filter](filter.docx) for date values. |
| M1 (January) | Indicates the "January" [filter](filter.docx) for date values. |
| M10 (Dates in October) | Indicates the "October" [filter](filter.docx) for date values. |
| M11 (Dates in November) | Indicates the "November" [filter](filter.docx) for date values. |
| M12 (Dates in December) | Indicates the "December" [filter](filter.docx) for date values. |
| M2 (Dates in February) | Indicates the "February" [filter](filter.docx) for date values. |
| M3 (Dates in March) | Indicates the "March" [filter](filter.docx) for date values. |
| M4 (Dates in April) | Indicates the "April" [filter](filter.docx) for date values. |
| M5 (Dates in May) | Indicates the "May" [filter](filter.docx) for date values. |
| M6 (Dates in June) | Indicates the "June" [filter](filter.docx) for date values. |
| M7 (Dates in July) | Indicates the "July" [filter](filter.docx) for date values. |
| M8 (Dates in August) | Indicates the "August" [filter](filter.docx) for date values. |
| M9 (Dates in September) | Indicates the "September" [filter](filter.docx) for date values. |
| nextMonth (Next Month) | Indicates the "next month" [filter](filter.docx) for date values. |
| nextQuarter (Next Quarter) | Indicates the "next quarter" for date values. |
| nextWeek (Next Week) | Indicates the "next week" for date values. |
| nextYear (Next Year) | Indicates the "next year" [filter](filter.docx) for date values. |
| percent (Percent) | Indicates the "percent" [filter](filter.docx) for numeric values. |
| Q1 (First Quarter) | Indicates the "first quarter" [filter](filter.docx) for date values. |
| Q2 (Second Quarter) | Indicates the "second quarter" [filter](filter.docx) for date values. |
| Q3 (Third Quarter) | Indicates the "third quarter" [filter](filter.docx) for date values. |
| Q4 (Fourth Quarter) | Indicates the "fourth quarter" [filter](filter.docx) for date values. |
| sum (Sum) | Indicates the "sum" [filter](filter.docx) for numeric values. |
| thisMonth (This Month) | Indicates the "this month" [filter](filter.docx) for date values. |
| thisQuarter (This Quarter) | Indicates the "this quarter" [filter](filter.docx) for date values. |
| thisWeek (This Week) | Indicates the "this week" [filter](filter.docx) for date values. |
| thisYear (This Year) | Indicate the "this year" [filter](filter.docx) for date values. |
| today (Today) | Indicates the "today" [filter](filter.docx) for date values. |
| tomorrow (Tomorrow) | Indicates the "tomorrow" [filter](filter.docx) for date values. |
| unknown (Unknown) | Indicates the PivotTable [filter](filter.docx) is unknown to the application. |
| valueBetween (Value Between) | Indicates the "Value between" [filter](filter.docx) for text and numeric values. |
| valueEqual (Value Equal) | Indicates the "value equal" [filter](filter.docx) for text and numeric values. |
| valueGreaterThan (Value Greater Than) | Indicates the "value greater than" [filter](filter.docx) for text and numeric values. |
| valueGreaterThanOrEqual (Value Greater Than Or Equal To) | Indicates the "value greater than or equal to" [filter](filter.docx) for text and numeric values. |
| valueLessThan (Value Less Than) | Indicates the "value less than" [filter](filter.docx) for text and numeric values. |
| valueLessThanOrEqual (Value Less Than Or Equal To) | Indicates the "value less than or equal to" [filter](filter.docx) for text and numeric values |
| valueNotBetween (Value Not Between) | Indicates the "value not between" [filter](filter.docx) for text and numeric values. |
| valueNotEqual (Value Not Equal) | Indicates the "value not equal" [filter](filter.docx) for text and numeric values. |
| yearToDate (Year-To-Date) | Indicates the "year-to-date" [filter](filter.docx) for date values. |
| yesterday (Yesterday) | Indicates the "yesterday" [filter](filter.docx) for date values. |

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| Referenced By |
| filter@type (§) |

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

<simpleType [name](name.docx)="ST\_PivotFilterType">

 <restriction base="xsd:string">

 <enumeration [value](value.docx)="unknown"/>

 <enumeration [value](value.docx)="count"/>

 <enumeration [value](value.docx)="percent"/>

 <enumeration [value](value.docx)="sum"/>

 <enumeration [value](value.docx)="captionEqual"/>

 <enumeration [value](value.docx)="captionNotEqual"/>

 <enumeration [value](value.docx)="captionBeginsWith"/>

 <enumeration [value](value.docx)="captionNotBeginsWith"/>

 <enumeration [value](value.docx)="captionEndsWith"/>

 <enumeration [value](value.docx)="captionNotEndsWith"/>

 <enumeration [value](value.docx)="captionContains"/>

 <enumeration [value](value.docx)="captionNotContains"/>

 <enumeration [value](value.docx)="captionGreaterThan"/>

 <enumeration [value](value.docx)="captionGreaterThanOrEqual"/>

 <enumeration [value](value.docx)="captionLessThan"/>

 <enumeration [value](value.docx)="captionLessThanOrEqual"/>

 <enumeration [value](value.docx)="captionBetween"/>

 <enumeration [value](value.docx)="captionNotBetween"/>

 <enumeration [value](value.docx)="valueEqual"/>

 <enumeration [value](value.docx)="valueNotEqual"/>

 <enumeration [value](value.docx)="valueGreaterThan"/>

 <enumeration [value](value.docx)="valueGreaterThanOrEqual"/>

 <enumeration [value](value.docx)="valueLessThan"/>

 <enumeration [value](value.docx)="valueLessThanOrEqual"/>

 <enumeration [value](value.docx)="valueBetween"/>

 <enumeration [value](value.docx)="valueNotBetween"/>

 <enumeration [value](value.docx)="dateEqual"/>

 <enumeration [value](value.docx)="dateNotEqual"/>

 <enumeration [value](value.docx)="dateOlderThan"/>

 <enumeration [value](value.docx)="dateOlderThanOrEqual"/>

 <enumeration [value](value.docx)="dateNewerThan"/>

 <enumeration [value](value.docx)="dateNewerThanOrEqual"/>

 <enumeration [value](value.docx)="dateBetween"/>

 <enumeration [value](value.docx)="dateNotBetween"/>

 <enumeration [value](value.docx)="tomorrow"/>

 <enumeration [value](value.docx)="today"/>

 <enumeration [value](value.docx)="yesterday"/>

 <enumeration [value](value.docx)="nextWeek"/>

 <enumeration [value](value.docx)="thisWeek"/>

 <enumeration [value](value.docx)="lastWeek"/>

 <enumeration [value](value.docx)="nextMonth"/>

 <enumeration [value](value.docx)="thisMonth"/>

 <enumeration [value](value.docx)="lastMonth"/>

 <enumeration [value](value.docx)="nextQuarter"/>

 <enumeration [value](value.docx)="thisQuarter"/>

 <enumeration [value](value.docx)="lastQuarter"/>

 <enumeration [value](value.docx)="nextYear"/>

 <enumeration [value](value.docx)="thisYear"/>

 <enumeration [value](value.docx)="lastYear"/>

 <enumeration [value](value.docx)="yearToDate"/>

 <enumeration [value](value.docx)="Q1"/>

 <enumeration [value](value.docx)="Q2"/>

 <enumeration [value](value.docx)="Q3"/>

 <enumeration [value](value.docx)="Q4"/>

 <enumeration [value](value.docx)="M1"/>

 <enumeration [value](value.docx)="M2"/>

 <enumeration [value](value.docx)="M3"/>

 <enumeration [value](value.docx)="M4"/>

 <enumeration [value](value.docx)="M5"/>

 <enumeration [value](value.docx)="M6"/>

 <enumeration [value](value.docx)="M7"/>

 <enumeration [value](value.docx)="M8"/>

 <enumeration [value](value.docx)="M9"/>

 <enumeration [value](value.docx)="M10"/>

 <enumeration [value](value.docx)="M11"/>

 <enumeration [value](value.docx)="M12"/>

 </restriction>

</simpleType>