#### pivotHierarchy (OLAP Hierarchy)

Represents a OLAP hierarchy associated with the PivotTable. A hierarchy is a hierarchical representation of related OLAP dimensions. Hierarchies are defined on the OLAP server and cannot be changed in the PivotTable. For example, hierarchy "A" might be defined as follows:

Level 1 Country/Region

Level 2 State\Provence

Level 3 City

[Example:

<sh:pivotHierarchy dragToRow="0" dragToCol="0" dragToPage="0" dragToData="1"/>

end example]

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

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [extLst](extLst.docx) (Future Feature Data Storage Area) | § |
| [members](members.docx) (Members) | § |
| [mps](mps.docx) (OLAP Member Properties) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| caption (Hierarchy Caption) | Specifies the user defined caption of the hierarchy.The possible values for this attribute are defined by the [ST\_Xstring](ST_Xstring.docx) simple type (§). |
| dragOff (Drag Off) | Specifies a boolean value that indicates whether the user is allowed to remove this hierarchy from the PivotTable. A value of on, 1, or true indicates the user can remove this hierarchy from the PivotTable.A value of off, 0, or false indicates the user cannot remove the hierarchy from the PivotTable.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| dragToCol (Drag To Column) | Specifies a boolean value that indicates whether the user is allowed to put this hierarchy into the column area of the PivotTable. A value of on, 1, or true indicates the user can put this hierarchy into the column area of the PivotTable.A value of off, 0, or false indicates the user cannot remove this hierarchy.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| dragToData (Drag To Data) | Specifies a boolean value that indicates whether the user is allowed to put this hierarchy into the data area of the view. A value of on, 1, or true indicates A value of off, 0, or false indicatesThe possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| dragToPage (Drag to Page) | Specifies a boolean value that indicates whether the user is allowed to put this hierarchy into the [page](page.docx) area of the PivotTable. A value of on, 1, or true indicates the user can put this hierarchy into the [page](page.docx) area of the PivotTable.A value of off, 0, or false indicates cannot put this hierarchy into the [page](page.docx) area.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| dragToRow (Drag To Row) | Specifies a boolean value that indicates whether the user is allowed to put this hierarchy into the [row](row.docx) area of the PivotTable. A value of on, 1, or true indicates the user can put this hierarchy into the [row](row.docx) area of the PivotTable.A value of off, 0, or false indicates cannot put this hierarchy into the [row](row.docx) area.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| includeNewItemsInFilter (Inclusive Manual Filter) | Specifies a boolean value that indicates whether the application will show only the [items](items.docx) the user has selected. A value of on, 1, or true indicates the application will show only [items](items.docx) the user has selected; all other [items](items.docx) will be hidden.A value of off, 0, or false indicates the application will show all items.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| multipleItemSelectionAllowed (Multiple Field Filters) | Specifies a boolean value that indicates whether the user can select multiple [members](members.docx) when the hierarchy is in the [page](page.docx) [field](field.docx) area of the view. A value of on, 1, or true indicates the user can select multiple members.A value of off, 0, or false indicates the user cannot select multiple members.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| [outline](outline.docx) (Outline New Levels) | Specifies a boolean value that indicates whether new levels added to the PivotTable are shown in Outline mode. A value of on, 1, or true indicates new levels are shown in Outline mode.A value of off, 0, or false indicates new [items](items.docx) are not shown in Outline mode.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showInFieldList (Show In Field List) | Specifies a boolean value that indicates whether this hierarchy is omitted from the [field](field.docx) list. This attribute depends on how the application exposes a list of fields for PivotTables in the user interface. A value of on, 1, or true indicates this hierarchy is show in the [field](field.docx) list or similar mechanism in the user interface.A value of off, 0, or false indicates is not shown in the [field](field.docx) list.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| subtotalTop (New Levels Subtotals At Top) | Specifies a boolean value that indicates whether new levels added to the view will show their subtotals at the top. A value of on, 1, or true indicates new levels added to the view show their subtotals at the top.A value of off, 0, or false indicates new levels added to the view show their subtotals at the bottom.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |

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

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

 <sequence>

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

 <element name="[members](members.docx)" minOccurs="0" maxOccurs="unbounded" type="CT\_Members"/>

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

 </sequence>

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

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

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

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

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

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

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

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

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

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

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

</complexType>