### workbookView (Workbook View)

This element specifies a single [Workbook](Workbook.docx) view.

Units for window widths and other [dimensions](dimensions.docx) are expressed in twips. Twip measurements are portable between different display resolutions. The [formula](formula.docx) is (screen pixels) \* (20 \* 72) / (logical device dpi), where the logical device dpi can be different for x and y coordinates.

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| Parent Elements |
| [bookViews](bookViews.docx) (§) |

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

|  |  |
| --- | --- |
| Attributes | Description |
| activeTab (Active Sheet Index) | Specifies an unsignedInt that contains the index to the active [sheet](sheet.docx) in this book view.  The default value for this attribute is 0.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| autoFilterDateGrouping (AutoFilter Date Grouping) | Specifies a boolean value that indicates whether to [group](group.docx) dates when presenting the user with filtering options in the user interface.  A value of on, 1, or true indicates that dates are grouped.  A value of off, 0, or false indicates that dates are not grouped.  The default value for this attribute is true.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| firstSheet (First Sheet) | Specifies the index to the first [sheet](sheet.docx) in this book view.  The default value for this attribute is 0.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| minimized (Minimized) | Specifies a boolean value that indicates whether the book window is minimized.  A value of on, 1, or true indicates the book window is minimized.  A value of off, 0, or false indicates the book window is not minimized.  The default value for this attribute is false.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showHorizontalScroll (Show Horizontal Scroll) | Specifies a boolean value that indicates whether to display the [horizontal](horizontal.docx) scroll bar in the user interface.  A value of on, 1, or true indicates that the [horizontal](horizontal.docx) scrollbar shall be shown.  A value of off, 0, or false indicates that the [horizontal](horizontal.docx) scrollbar shall not be shown.  The default value for this attribute is true.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showSheetTabs (Show Sheet Tabs) | Specifies a boolean value that indicates whether to display the [sheet](sheet.docx) tabs in the user interface.  A value of on, 1, or true indicates that [sheet](sheet.docx) tabs shall be shown.  A value of off, 0, or false indicates that [sheet](sheet.docx) tabs shall not be shown.  The default value for this attribute is true.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showVerticalScroll (Show Vertical Scroll) | Specifies a boolean value that indicates whether to display the [vertical](vertical.docx) scroll bar.  A value of on, 1, or true indicates the [vertical](vertical.docx) scrollbar shall be shown.  A value of off, 0, or false indicates the [vertical](vertical.docx) scrollbar shall not be shown.  The default value for this attribute is true.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| tabRatio (Sheet Tab Ratio) | Specifies ratio between the [workbook](workbook.docx) tabs bar and the [horizontal](horizontal.docx) scroll bar.  The default value for this attribute is 600.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| visibility (Visibility) | Specifies visible state of the book window.  The default value for this attribute is "visible."  The possible values for this attribute are defined by the [ST\_Visibility](ST_Visibility.docx) simple type (§). |
| windowHeight (Window Height) | Specifies the height of the [workbook](workbook.docx) window. The unit of measurement for this value is twips.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| windowWidth (Window Width) | Specifies the width of the [workbook](workbook.docx) window. The unit of measurement for this value is twips.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| xWindow (Upper Left Corner (X Coordinate)) | Specifies the X coordinate for the upper left corner of the book window. The unit of measurement for this value is twips.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) int datatype. |
| yWindow (Upper Left Corner (Y Coordinate)) | Specifies the Y coordinate for the upper left corner of the book window. The unit of measurement for this value is twips.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) int datatype. |

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

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

<sequence>

<element name="[extLst](extLst.docx)" type="CT\_ExtensionList" minOccurs="0" maxOccurs="1"/>

</sequence>

<attribute name="visibility" type="[ST\_Visibility](ST_Visibility.docx)" use="optional" default="visible"/>

<attribute name="minimized" type="xsd:boolean" use="optional" default="false"/>

<attribute name="showHorizontalScroll" type="xsd:boolean" use="optional" default="true"/>

<attribute name="showVerticalScroll" type="xsd:boolean" use="optional" default="true"/>

<attribute name="showSheetTabs" type="xsd:boolean" use="optional" default="true"/>

<attribute [name](name.docx)="xWindow" type="xsd:int" use="optional"/>

<attribute [name](name.docx)="yWindow" type="xsd:int" use="optional"/>

<attribute [name](name.docx)="windowWidth" type="xsd:unsignedInt" use="optional"/>

<attribute [name](name.docx)="windowHeight" type="xsd:unsignedInt" use="optional"/>

<attribute name="tabRatio" type="xsd:unsignedInt" use="optional" default="600"/>

<attribute name="firstSheet" type="xsd:unsignedInt" use="optional" default="0"/>

<attribute name="activeTab" type="xsd:unsignedInt" use="optional" default="0"/>

<attribute name="autoFilterDateGrouping" type="xsd:boolean" use="optional" default="true"/>

</complexType>