# Extensions

## Part Enumerations

### stylesWithEffects

This part stores a copy of the styles part.

### commentsExtended

This part contains additional information about each comment in the document described by the comments part. See 11.3.2 for details on the comments part.

### people

This part contains contact information about each person who has authored a comment or revision in the current document.

## compatSetting elements

This specifies compatibility settings that use the compatSetting element,

### overrideTableStyleFontSizeAndJustification

A compatSetting element specifies how the style hierarchy of the document is evaluated.

| **Attribute** | **Value** |
| --- | --- |
| name | overrideTableStyleFontSizeAndJustification |
| uri | http://schemas.microsoft.com/office/word |
| val | An [ST\_OnOff](#z231c09f55a024d848856aaa89021cae1) attribute specifies whether to apply the additional preceding rules when determining the font size and justification of text within tables. |

### doNotFlipMirrorIndents

A compatSetting element specifies whether the values of the inside and outside attributes of the ind element are swapped when displaying paragraphs containing a mirrorIndents element

| **Attribute** | **Value** |
| --- | --- |
| name | doNotFlipMirrorIndents |
| uri | http://schemas.microsoft.com/office/word |
| val | An [ST\_OnOff](#z231c09f55a024d848856aaa89021cae1) attribute specifies whether to swap indentation values when displaying paragraphs. |

### enableOpenTypeFeatures

A compatSetting element specifies whether [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692) features such as kerning, [ligatures](#zfdfa017121e94e9690f0296b381f67ca), [contextual alternates](#z36bd276d2d4b4f67a210a2daa07ecc33), [stylistic sets](#z3b5831f997cf4901a6b9671fc711d91a), [number spacing](#z1ab8f02ac5634432ba73151f4eb08df5), and [number formatting](#z5863b738cbca47c58ba75e1a8c46d86a) are to be used when displaying the font.

| **Attribute** | **Value** |
| --- | --- |
| name | enableOpenTypeFeatures |
| uri | http://schemas.microsoft.com/office/word |
| val | An [ST\_OnOff](#z231c09f55a024d848856aaa89021cae1) attribute specifies whether the preceding features are to be used when displaying the font. |

### differentiateMultirowTableHeaders

A compatSetting element specifies formatting information for the layout and display of multi-row table headers.

| **Attribute** | **Value** |
| --- | --- |
| Name | differentiateMultirowTableHeaders |
| Uri | http://schemas.microsoft.com/office/word |
| val | An [ST\_OnOff](#z231c09f55a024d848856aaa89021cae1) attribute specifies the formatting method to use as specified above. |

### compatibilityMode

A compatSetting element specifies the feature set in use when the document was last saved.

| **Attribute** | **Value** |
| --- | --- |
| name | compatibilityMode |
| uri | http://schemas.microsoft.com/office/word |
| val | An ST\_UnsignedDecimalNumber specifies the feature set to use when editing the document. Valid values and their meanings are: |

### numFmt Extensions

This specifies additional values to be used for the format attribute of the numFmt element. The following two tables specify the strings used for the format attribute.

## http://schemas.microsoft.com/office/word/2012/wordml

### Elements

#### appearance

The appearance global element specifies the appearance of a structured document tag.

#### chartTrackingRefBased

The chartTrackingRefBased global element specifies how the datapoint properties and datalabels in all charts in this document behave.

#### collapsed

The collapsed global element, when added to a paragraph, specifies the appearance of subsequent paragraphs.

#### color

The color global element specifies the color on which to base the visual elements of a structured document tag.

#### commentsEx

The commentsEx global element specifies the additional information for all of the comments defined in the current document. It is the root element of the commentsExtended part of a WordprocessingML document.

#### dataBinding

The dataBinding global element specifies the information used to establish a mapping between the parent structured document tag and an XML element stored within a Custom XML Data part in the current WordprocessingML document.

#### docId

The docId global element specifies a unique identifier for a set of documents derived from a common source. The possible values for this attribute are defined by the ST\_Guid simple type.

#### footnoteColumns

The footnoteColumns global element, when added to a document, specifies the formatting of the footnotes area of the page containing that. If the element exists and is non-zero, then the footnotes area is formatted with the number of columns specified. If the element does not exist, or is zero, then the footnotes area of the page is formatted with a number of columns based on the number of columns on the displayed page.

#### people

The people global element specifies contact information for each person who is the author of at least one comment or revision in the current document.

#### repeatingSection

The repeatingSection global element specifies that the parent structured document tag is a container for repeated items.

#### repeatingSectionItem

The repeatingSectionItem global element specifies that the parent structured document tag is a repeated item. The parent structured document tag MUST be contained within a repeatingSection structured document tag and MUST be either Block-Level, Row-Level, or Cell-Level.

#### webExtensionCreated

The webExtensionCreated global element specifies a property of a structured document tag and whose presence indicates a relationship between the structured document tag and an Office Web Extension.

#### webExtensionLinked

The webExtensionLinked global element specifies a property of a structured document tag and whose presence indicates a relationship between the structured document tag and an Office Web Extension.

### Complex Types

#### CommentEx

The CommentEx complex type specifies additional information for a single comment in the current document.

#### CommentsEx

The CommentsEx complex type specifies additional information for all of the comments defined in the current document.

#### Guid

A complex type specifies a GUID (globally unique idenitifer)

#### People

The People complex type specifies contact information for each person who is the author of at least one comment or revision in the current document.

#### Person

The Person complex type specifies contact information for an author of at least one comment or revision in the current document.

#### PresenceInfo

The PresenceInfo complex type specifies uniquely identifying contact information for a person.

#### SdtAppearance

The SdtAppearance complex type specifies the appearance of a structured document tag.

#### SdtRepeatedSection

The SdtRepeatedSection complex type specifies the properties of a structured document tag in the form of a repeated.

### Simple Types

#### ST\_Guid

The following W3C XML Schema fragment specifies the contents of this simple type.

#### ST\_SdtAppearance

The ST\_SdtAppearance simple type specifies the appearance of a structured document tag.

| **Value** | **Meaning** |
| --- | --- |
| boundingBox | Specifies that the region encompassed by a structured document is outlined or shaded when visual indication of the structured document tag is needed. Any UI specific to a particular structured document tag is visible when needed. |
| tags | Specifies that the physical characters that delimit the start and end of the structured document tag are visible as well as any UI specific to a particular structured document tag. |
| hidden | Specifies that there is no visual indication of the structured document tag. |

## http://schemas.microsoft.com/office/word/2010/wordml

### Elements

#### checkbox

A [SdtCheckbox](#zd4682d85ae4d48a78376ec2448ae7e35) element specifies that the parent structured document tag is a checkbox when displayed in the document. The parent structured document tag contents MUST contain a single character and optionally an additional character in a deleted run.

#### cntxtAlts

A [OnOff](#z173a98b192a54dd8a0be0614b1cb6606) element specifies whether to display the characters using contextual alternates. (For more information about contextual alternates, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).) By default, text is not displayed using contextual alternates.

#### conflictDel

A RunTrackChange element specifies inline-level content that has been deleted in conflict with edits made by other users. An application MAY treat the content as a tracked deletion.

#### conflictDel

A TrackChange element specifies that the parent object has been deleted in conflict with edits made by other users. An application MAY treat the parent as a tracked deletion.

#### conflictIns

A TrackChange element specifies that the parent object has been inserted in conflict with edits made by other users. An application MAY treat the parent as a tracked insertion.

#### conflictIns

A RunTrackChange element specifies inline-level content that has been inserted in conflict with edits made by other users. An application MAY treat the content as a tracked insertion.

#### conflictMode

A [OnOff](#z173a98b192a54dd8a0be0614b1cb6606) element that, when true, specifies that the user was resolving conflicting edits when the document was saved.

#### customXmlConflictDelRangeEnd

A Markup element specifies the end of a region in which all custom XML markup has been deleted in conflict with edits made by other users. An application MAY ignore this element.

#### customXmlConflictDelRangeStart

A TrackChange element specifies the beginning of a region in which all custom XML markup has been deleted in conflict with edits made by other users. An application MAY ignore this element.

#### customXmlConflictInsRangeEnd

A Markup element specifies the end of a region in which all custom XML markup has been inserted in conflict with edits made by other users. An application MAY ignore this element.

#### defaultImageDpi

This setting is ignored by images that have dots per inch (DPI) specified by useLocalDpi This setting is also ignored when doNotAutoCompressPictures is set to "true".

#### discardImageEditingData

A [OnOff](#z173a98b192a54dd8a0be0614b1cb6606) element specifies that when true, the cropped-out areas of the images are not to be saved.Rather, the images saved are the results of applying imgProps on the original images.

#### docId

A [LongHexNumber](#z5103728c3a7740c0ba74835040ac8e5f) element specifies an arbitrary identifier for the context of the paragraph identifiers in the document. Values MUST be greater than 0 and less than 0x80000000.

#### entityPicker

A EMPTY element that specifies that the parent structured document tag allows the user to select an instance of an [external content type](file:///C:\Users\qhta1\Downloads\%5bMS-OFCGLOS%5d.pdf) when displayed in the document.

#### glow

A [Glow](#zc20861c47aeb4a1fb246e405a423e398) element specifies the glow effect, a colored, blurred outline that is added outside the edges of text. By default, text does not have glow.

#### ligatures

A [Ligatures](#zd0e2eaf6ed50445fad902bd0fa24a442) element specifies which kinds of ligatures to use when displaying the text. (For more information about ligatures, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).) By default, no ligatures are used.

#### numForm

A [NumForm](#z8c6991efc46e48ada9fd15329fdd9a08) element specifies the form in which numerals are displayed. (For more information about number forms, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).) By default, numerals are displayed in the font’s default form.

#### numSpacing

A [NumSpacing](#z588f25fead7745568a46e0d0911b7881) element specifies which spacing form of the numeral is displayed. (For more information about numeral spacing, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).) By default, the font’s default form is used.

#### props3d

A [Props3D](#z80948ef4142b474f8d61d8bb279c4acb) element specifies the 3-D properties of text, including bevel, extrusion, contour, and material. By default, text does not have 3-D properties.

#### scene3d

A [Scene3D](#z2966a24d3e034b5e99add20d598c899e) element specifies 3-D scene properties of text, including camera and lighting. By default, text does not have 3-D scene properties

#### shadow

A [Shadow](#z5bd6d3ec51d34b92bfae0c49b6c24984) element specifies the shadow effect. By default, text does not have shadow.

#### stylisticSets

A [StylisticSets](#zb564e54eb20941498c3f72038d7d726a) element specifies a list of stylistic sets that modify the display of OpenType fonts. (For more information about stylistic sets, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).) By default, there are no stylistic sets enabled.

#### textFill

A [FillTextEffect](#z38a5a1ea7f9e48efa69f8df03e8428fc) element specifies the fill for text. By default, this element is absent. When this element is absent, the color of text is determined by the color element.

#### textOutline

A [TextOutlineEffect](#z5b065f1763c74d5483e36f3c161f3afa) element specifies the outline style to be applied to text. By default, text does not have outline.

### Attributes

#### anchorId

An ST\_LongHexNumber attribute specifies an identifier for the element this attribute is applied to. Values MUST be greater than 0 and less than 0x80000000.

#### noSpellErr

An ST\_OnOff attribute that when applied to a paragraph specifies whether the text of that paragraph is free of detected spelling errors. A value of 1 specifies that no spelling errors were detected in this paragraph. A value of 0 specifies that no information is available about spelling errors in the text of the paragraph. The default value for this attribute is 0.

#### paraId

An ST\_LongHexNumber attribute specifies an identifier for a paragraph that is unique within the document part, with the exception that it need not be unique across the choices or fallback of an Alternate Content block. Values MUST be greater than 0 and less than 0x80000000. Any element having this attribute MUST also have the [textId](#zb7eeddec7c5047fb88b61feec3ed832c) attribute.

#### textId

An ST\_LongHexNumber attribute specifies a version identifier for a paragraph. Values MUST be greater than 0 and less than 0x80000000. Any element having this attribute MUST also have the [paraId](#za0e7d2e2224644c696e81cf009823615) attribute.

### Complex Types

#### Bevel

A complex type specifies the bevel properties.

#### Camera

A complex type specifies the placement of the camera in the 3D scene.

#### Color

A complex type specifies the color.

#### DefaultImageDpi

A complex type specifies that default dots per inch (DPI) to be used to save each image in the document.

#### FillTextEffect

A complex type specifies a fill. If this element has no child elements, a default of solid black fill is applied.

#### Glow

A complex type specifies the color and radius of glow.

#### GradientFillProperties

A complex type that specifies a gradient fill. A gradient fill is a fill that is characterized by a smooth gradual transition from one color to the next.

#### GradientStop

A complex type specifies a gradient stop. A gradient stop consists of a position where the stop appears in the color band.

#### GradientStopList

A complex type that contains a list of gradient stops. These gradient stops specify the gradient colors and their relative positions in the color band.

#### Ligatures

A complex type specifies which kinds of ligatures to use when displaying the text.

#### LightRig

A complex type specifies the lighting properties associated with the scene.

#### LinearShadeProperties

A complex type specifies linear gradient.

#### LineJoinMiterProperties

A complex type specifies that a line join is mitered.

#### LongHexNumber

A complex type that represents a 32-bit integer. Value ranges from 0 to 0xFFFFFFFF.

#### NumForm

A complex type specifies the form in which numerals are displayed.

#### NumSpacing

A complex type specifies the form in which numerals are displayed.

#### OnOff

A complex type that specifies a value for a Boolean (true or false) property.

#### PathShadeProperties

A complex type specifies that a gradient fill follows a path versus a linear line.

#### Percentage

A complex type that specifies a percentage in thousandths of a percent. For example, the value of 1 represents 0.001%.

#### PositivePercentage

A complex type that specifies a positive percentage in thousandths of a percent.

#### PresetLineDashProperties

A complex type specifies the type of line dashing scheme to use.

#### Props3D

A complex type specifies 3-D properties associated with text.

#### Reflection

A complex type specifies the reflection effect.

#### RelativeRect

A complex type specifies a rectangle relative to its parent. Each edge of this rectangle is defined by a percentage offset from the corresponding edge of the parent.

#### Scene3D

A complex type specifies 3-D scene properties.

#### SchemeColor

, [Shadow](#z5bd6d3ec51d34b92bfae0c49b6c24984), [SolidColorFillProperties](#z68d54c9441b5471f9bb2d41ff8fc5e75), [GradientStop](#z88c80bb6b9f144b5bca2745d59b217f3), [Color](#z2abbec62b26c4d2180aabfc93c89f4e0)

#### SdtCheckbox

A complex type specifies the properties of a structured document tag in the form of a checkbox.

#### SdtCheckboxSymbol

This complex type specifies a symbol to be used for a checkbox state.

#### Shadow

A complex type specifies the shadow effect.

#### SolidColorFillProperties

, [FillTextEffect](#z38a5a1ea7f9e48efa69f8df03e8428fc)

#### SphereCoords

A complex type specifies sphere coordinates using a latitude coordinate, a longitude coordinate, and a revolution around the central axis.

#### SRgbColor

A complex type that specifies a color using the RGB color model. Red, green, and blue are expressed as a sequence of hex digits, RRGGBB. This type optionally specifies a list of color transforms applied to the base color.

#### StyleSet

A complex type specifies a reference to a set of character forms defined within the font to be used as a stylistic set. For more information about stylistic sets, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).

#### StylisticSets

A complex type specifies a list of sets of character forms defined within the font, with each serving as a stylistic set. For more information about stylistic sets, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692). This element can have any number of styleSet child elements.

#### TextOutlineEffect

A complex type specifies the outline style that can be applied to text. When this element is empty, bevel is used as default.

### Simple Types

#### ST\_BevelPresetType

A simple type specifies the preset for a type of bevel. The bevel properties are applied differently depending on the type of bevel defined.

| **Value** | **Meaning** |
| --- | --- |
| relaxedInset | Relaxed Inset type of bevel. |
| circle | Circle type of bevel. |
| slope | Slope type of bevel. |
| cross | Cross type of bevel. |
| angle | Angle type of bevel. |
| softRound | Soft Round type of bevel. |
| convex | Convex type of bevel. |
| coolSlant | Cool Slant type of bevel. |
| divot | Divot type of bevel. |
| riblet | Riblet type of bevel. |
| hardEdge | Hard Edge type of bevel. |
| artDeco | Art Deco type of bevel. |

#### ST\_CompoundLine

A simple type specifies the compound line type.

| **Value** | **Meaning** |
| --- | --- |
| sng | Single line: one normal width. |
| dbl | Double lines of equal width. |
| thickThin | Double lines: one thick, one thin. |
| thinThick | Double lines: one thin, one thick. |
| tri | Three lines: thin, thick, thin. |

#### ST\_Ligatures

A simple type specifies which types of ligatures are enabled for this run of text. For more information about ligatures, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).

|  |  |
| --- | --- |
| **Value** | **Meaning** |
| none | Specifies that the text is not displayed using ligatures. |
| standard | Specifies that the text is displayed using standard ligatures if they are supported by the font. |
| contextual | Specifies that the text is displayed using contextual ligatures if they are supported by the font. |
| historical | Specifies that the text is displayed using historical ligatures if they are supported by the font. |
| discretional | Specifies that the text is displayed using discretional ligatures if they are supported by the font. |
| standardContextual | Specifies that the text is displayed using standard and contextual ligatures if they are supported by the font. |
| standardHistorical | Specifies that the text is displayed using standard and historical ligatures if they are supported by the font. |
| contextualHistorical | Specifies that the text is displayed using contextual and historical ligatures if they are supported by the font. |
| standardDiscretional | Specifies that the text is displayed using standard and discretional ligatures if they are supported by the font. |
| contextualDiscretional | Specifies that the text is displayed using contextual and discretional ligatures if they are supported by the font. |
| historicalDiscretional | Specifies that the text is displayed using historical and discretional ligatures if they are supported by the font. |
| standardContextualHistorical | Specifies that the text is displayed using standard, contextual, and historical ligatures if they are supported by the font. |
| standardContextualDiscretional | Specifies that the text is displayed using standard, contextual, and discretional ligatures if they are supported by the font. |
| standardHistoricalDiscretional | Specifies that the text is displayed using standard, historical, and discretional ligatures if they are supported by the font. |
| contextualHistoricalDiscretional | Specifies that the text is displayed using contextual, historical, and discretional ligatures if they are supported by the font. |
| all | Specifies that the text is displayed using standard, historical, discretional, and contextual ligatures if they are supported by the font. |

#### ST\_LightRigDirection

A simple type specifies the direction from which the light rig is positioned relative to the scene. The light rig itself can be made up of multiple lights in any orientation around the shape. This simple type specifies the orientation of the light rig as a whole, and not the individual lights within the rig. This means, for example, that if the direction of the light rig is specified as left, this does not guarantee the light is coming from the left side of the shape; rather, the orientation of the rig as a whole is rotated to the left.

| **Value** | **Meaning** |
| --- | --- |
| tl | Top Left: Light rig is positioned at the top-left of the scene. |
| t | Top: Light rig is positioned at the top of the scene. |
| tr | Top Right: Light rig is positioned at the top-right of the scene. |
| l | Left: Light rig is positioned to the left of the scene. |
| r | Right: Light rig is positioned to the right of the scene. |
| bl | Bottom Left: Light rig is positioned at the bottom left of the scene. |
| b | Bottom: Light rig is positioned at the bottom of the scene. |
| br | Bottom Right: Light rig is positioned at the bottom right of the scene. |

#### ST\_LightRigType

A simple type specifies a light rig preset to use. A light rig represents a group of lights oriented in a specific way relative to a 3-D scene.

|  |  |
| --- | --- |
| **Value** | **Meaning** |
| legacyFlat1 | Legacy Flat 1. |
| legacyFlat2 | Legacy Flat 2. |
| legacyFlat3 | Legacy Flat 3. |
| legacyFlat4 | Legacy Flat 4. |
| legacyNormal1 | Legacy Normal 1. |
| legacyNormal2 | Legacy Normal 2. |
| legacyNormal3 | Legacy Normal 3. |
| legacyNormal4 | Legacy Normal 4. |
| legacyHarsh1 | Legacy Harsh 1. |
| legacyHarsh2 | Legacy Harsh 2. |
| legacyHarsh3 | Legacy Harsh 3. |
| legacyHarsh4 | Legacy Harsh 4. |
| threePt | Three Point. |
| balanced | Balanced. |
| soft | Soft. |
| harsh | Harsh. |
| flood | Flood. |
| contrasting | Contrasting. |
| morning | Morning. |
| sunrise | Sunrise. |
| sunset | Sunset. |
| chilly | Chilly. |
| freezing | Freezing. |
| flat | Flat. |
| twoPt | Two Point. |
| glow | Glow. |
| brightRoom | Bright Room. |

#### ST\_LineCap

A simple type specifies how to cap the ends of lines.

| **Value** | **Meaning** |
| --- | --- |
| rnd | Rounded ends. Semi-circle protrudes by half line width. |
| sq | Square protrudes by half line width. |
| flat | Line ends at endpoint. |

#### ST\_NumForm

A simple type specifies the form in which to display numerals. Possible values for this type are listed in the following table. For more information about numeral forms, see [OpenType](http://go.microsoft.com/fwlink/?LinkId=150692).

| **Value** | **Meaning** |
| --- | --- |
| default | Numerals are displayed in the font’s default form. |
| lining | Lining numerals are displayed if the font supports them. |
| oldStyle | Oldstyle numerals are displayed if the font supports them. |

#### ST\_NumSpacing

A simple type specifies the form in which to display numeral spacing.

|  |  |
| --- | --- |
| **Value** | **Meaning** |
| default | Specifies that numerals are displayed in the font’s default form. |
| proportional | Specifies that the forms of the numerals designed as proportionally spaced are displayed if supported by the font. |
| tabular | Specifies that the forms of the numerals designed as tabular are displayed if supported by the font. |

#### ST\_PathShadeType

A simple type specifies the shape to follow for a path gradient shade.

| **Value** | **Meaning** |
| --- | --- |
| shape | Gradient follows a rectangular path. |
| circle | Gradient follows a circular path. |
| rect | Gradient follows a rectangular path. |

#### ST\_PenAlignment

A simple type specifies the pen alignment type to be used.

| **Value** | **Meaning** |
| --- | --- |
| ctr | Center pen. The line is drawn at the center of the path stroke. |
| in | Inset pen. The pen is aligned along the inside of the path. |

#### ST\_PresetCameraType

A simple type specifies an algorithmic method for setting camera properties.

|  |  |
| --- | --- |
| **Value** | **Meaning** |
| legacyObliqueTopLeft | Legacy Oblique Top Left. |
| legacyObliqueTop | Legacy Oblique Top. |
| legacyObliqueTopRight | Legacy Oblique Top Right. |
| legacyObliqueLeft | Legacy Oblique Left. |
| legacyObliqueFront | Legacy Oblique Front. |
| legacyObliqueRight | Legacy Oblique Right. |
| legacyObliqueBottomLeft | Legacy Oblique Bottom Left. |
| legacyObliqueBottom | Legacy Oblique Bottom. |
| legacyObliqueBottomRight | Legacy Oblique Bottom Right. |
| legacyPerspectiveTopLeft | Legacy Perspective Top Left. |
| legacyPerspectiveTop | Legacy Perspective Top. |
| legacyPerspectiveTopRight | Legacy Perspective Top Right. |
| legacyPerspectiveLeft | Legacy Perspective Left. |
| legacyPerspectiveFront | Legacy Perspective Front. |
| legacyPerspectiveRight | Legacy Perspective Right. |
| legacyPerspectiveBottomLeft | Legacy Perspective Bottom Left. |
| legacyPerspectiveBottom | Legacy Perspective Bottom. |
| legacyPerspectiveBottomRight | Legacy Perspective Bottom Right. |
| orthographicFront | Orthographic Front. |
| isometricTopUp | Isometric Top Up. |
| isometricTopDown | Isometric Top Down. |
| isometricBottomUp | Isometric Bottom Up. |
| isometricBottomDown | Isometric Bottom Down. |
| isometricLeftUp | Isometric Left Up. |
| isometricLeftDown | Isometric Left Down. |
| isometricRightUp | Isometric Right Up. |
| isometricRightDown | Isometric Right Down. |
| isometricOffAxis1Left | Isometric Off Axis 1 Left. |
| isometricOffAxis1Right | Isometric Off Axis 1 Right. |
| isometricOffAxis1Top | Isometric Off Axis 1 Top. |
| isometricOffAxis2Left | Isometric Off Axis 2 Left. |
| isometricOffAxis2Right | Isometric Off Axis 2 Right. |
| isometricOffAxis2Top | Isometric Off Axis 2 Top. |
| isometricOffAxis3Left | Isometric Off Axis 3 Left. |
| isometricOffAxis3Right | Isometric Off Axis 3 Right. |
| isometricOffAxis3Bottom | Isometric Off Axis 3 Bottom. |
| isometricOffAxis4Left | Isometric Off Axis 4 Left. |
| isometricOffAxis4Right | Isometric Off Axis 4 Right. |
| isometricOffAxis4Bottom | Isometric Off Axis 4 Bottom. |
| obliqueTopLeft | Oblique Top Left. |
| obliqueTop | Oblique Top. |
| obliqueTopRight | Oblique Top Right. |
| obliqueLeft | Oblique Left. |
| obliqueRight | Oblique Right. |
| obliqueBottomLeft | Oblique Bottom Left. |
| obliqueBottom | Oblique Bottom. |
| obliqueBottomRight | Oblique Bottom Right. |
| perspectiveFront | Perspective Front. |
| perspectiveLeft | Perspective Left. |
| perspectiveRight | Perspective Right. |
| perspectiveAbove | Perspective Above. |
| perspectiveBelow | Perspective Below. |
| perspectiveAboveLeftFacing | Perspective Above Left Facing. |
| perspectiveAboveRightFacing | Perspective Above Right Facing. |
| perspectiveContrastingLeftFacing | Perspective Contrasting Left Facing. |
| perspectiveContrastingRightFacing | Perspective Contrasting Right Facing. |
| perspectiveHeroicLeftFacing | Perspective Heroic Left Facing. |
| perspectiveHeroicRightFacing | Perspective Heroic Right Facing. |
| perspectiveHeroicExtremeLeftFacing | Perspective Heroic Extreme Left Facing. |
| perspectiveHeroicExtremeRightFacing | Perspective Heroic Extreme Right Facing. |
| perspectiveRelaxed | Perspective Relaxed. |
| perspectiveRelaxedModerately | Perspective Relaxed Moderately. |

#### ST\_PresetMaterialType

A simple type specifies the surface appearance. Possible values for this type are listed in the following table. See 20.1.10.50 for details regarding the meaning of the listed values.

| **Value** | **Meaning** |
| --- | --- |
| legacyMatte | Legacy matte. |
| legacyPlastic | Legacy plastic. |
| legacyMetal | Legacy metal. |
| legacyWireframe | Legacy wireframe. |
| matte | Matte. |
| plastic | Plastic. |
| metal | Metal. |
| warmMatte | Warm matte. |
| translucentPowder | Translucent powder. |
| powder | Powder. |
| dkEdge | Dark edge. |
| softEdge | Soft edge. |
| clear | Clear. |
| flat | Flat. |
| softmetal | Soft metal. |
| none | This value has the following characteristics: |

#### ST\_RectAlignment

, [Reflection](#z8d3c5da6cb5d488fb22d9f6f1f58823b)

| **Value** | **Meaning** |
| --- | --- |
| none | When other attributes and elements of the parent are "0", a value of "none" sets the parent property to empty. |
| tl | Top Left. |
| t | Top. |
| tr | Top Right. |
| l | Left. |
| ctr | Center. |
| r | Right. |
| bl | Bottom Left. |
| b | Bottom. |
| br | Bottom Right. |

#### ST\_SchemeColorVal

A simple type that represents a scheme color value.

|  |  |
| --- | --- |
| **Value** | **Meaning** |
| bg1 | Semantic background color. |
| tx1 | Semantic text color. |
| bg2 | Semantic additional background color. |
| tx2 | Semantic additional text color. |
| accent1 | Extra scheme color 1. |
| accent2 | Extra scheme color 2. |
| accent3 | Extra scheme color 3. |
| accent4 | Extra scheme color 4. |
| accent5 | Extra scheme color 5. |
| accent6 | Extra scheme color 6. |
| hlink | Regular hyperlink color. |
| folHlink | Followed hyperlink color. |
| dk1 | Main dark color 1. |
| lt1 | Main light color 1. |
| dk2 | Main dark color 2. |
| lt2 | Main light color 2. |
| phClr | Style Color. A color used in theme definitions that means to use the color of the style. |