### anim (Animate)

This element is a generic animation element that requires little or no semantic understanding of the attribute being animated.  It can animate text within a shape or even the shape itself.

[Example: Consider trying to emphasize text within a shape by changing the size of its font by 150%. The <anim> element should be used as follows:

 <p:anim to="1.5" calcmode="lin" valueType="num">

 <p:[cBhvr](cBhvr.docx) override="childStyle">

 <p:[cTn](cTn.docx) id="1" dur="2000" fill="hold"/>

 <p:[tgtEl](tgtEl.docx)>

 <p:[spTgt](spTgt.docx) spid="1">

 <p:[txEl](txEl.docx)>

 <p:[charRg](charRg.docx) st="1" end="4"/>

 </p:[txEl](txEl.docx)>

 </p:[spTgt](spTgt.docx)>

 </p:[tgtEl](tgtEl.docx)>

 <p:[attrNameLst](attrNameLst.docx)>

 <p:[attrName](attrName.docx)>style.fontSize</p:[attrName](attrName.docx)>

 </p:[attrNameLst](attrNameLst.docx)>

 </p:[cBhvr](cBhvr.docx)>

 </p:anim>

end example]

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| Parent Elements |
| [childTnLst](childTnLst.docx) (§); [subTnLst](subTnLst.docx) (§); [tnLst](tnLst.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [cBhvr](cBhvr.docx) (Common Behavior) | § |
| [tavLst](tavLst.docx) (Time Animated Value List) | § |

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| --- | --- |
| Attributes | Description |
| [by](by.docx) (By) | This attribute specifies a relative offset value for the animation with respect to its position before the start of the animation.The possible values for this attribute are defined by the XML Schema string datatype. |
| calcmode (Calculation Mode) | This attribute specifies the interpolation mode for the animation.The possible values for this attribute are defined by the [ST\_TLAnimateBehaviorCalcMode](ST_TLAnimateBehaviorCalcMode.docx) simple type (§). |
| [from](from.docx) (From) | This attribute specifies the starting value of the animation.The possible values for this attribute are defined by the XML Schema string datatype. |
| [to](to.docx) (To) | This attribute specifies the ending value for the animation as a percentage.The possible values for this attribute are defined by the XML Schema string datatype. |
| valueType (Value Type) | This attribute specifies the type of property value.The possible values for this attribute are defined by the [ST\_TLAnimateBehaviorValueType](ST_TLAnimateBehaviorValueType.docx) simple type (§). |

The following XML Schema fragment defines the contents of this element:

<complexType name="CT\_TLAnimateBehavior">

 <sequence>

 <element name="[cBhvr](cBhvr.docx)" type="CT\_TLCommonBehaviorData" minOccurs="1" maxOccurs="1"/>

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

 </sequence>

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

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

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

 <attribute name="calcmode" type="[ST\_TLAnimateBehaviorCalcMode](ST_TLAnimateBehaviorCalcMode.docx)" use="optional"/>

 <attribute name="valueType" type="[ST\_TLAnimateBehaviorValueType](ST_TLAnimateBehaviorValueType.docx)" use="optional"/>

</complexType>