

# Corrections to Errors in the Schema Changes in COR1 and AMD1

Rex Jaeschke ([rex@RexJaeschke.com](mailto:rex@RexJaeschke.com))

2009-07-22

Many of the DR corrections for the COD1 and AMD1 sets involved schema changes. However, when I applied those changes to the W3C schema, some would not validate, which indicated errors in the proposed changes. I have made the following schema changes, so that the proposed resolutions can be applied correctly:

Schema (Annex)	Part 1	Part 4	Subject	Nature of the Change
dml-main.xsd (DrawingML – Main)	X	X	ST_TextBulletSizePercent	<a href="#">&lt;xsd:restriction base="xsd:string"&gt;</a> <a href="#">&lt;xsd:pattern ...&gt;</a> <a href="#">&lt;/xsd:restriction&gt;</a>
dml-main.xsd (DrawingML – Main) <b>Note: this error did not come from any DR solution; it existed in the original schema shipped with 29500.</b>	X		Reference to dml-compatibility.xsd	<del><a href="#">&lt;xsd:import namespace="http://purl.oclc.org/ooxml/drawingml/compatibility" schemaLocation="dml-compatibility.xsd"/&gt;</a></del>
dml-main.xsd (DrawingML – Main)		X	Removal of ST_PercentageDecimal from Part 4 was incorrect; it needs to be restored	<a href="#">&lt;xsd:simpleType name="ST_PercentageDecimal"&gt;</a> <a href="#">&lt;xsd:restriction base="xsd:int"/&gt;</a> <a href="#">&lt;/xsd:simpleType&gt;</a>  <a href="#">a ST_PercentageDecimal = xsd:int</a>

## Corrections to Errors in the Schema Changes in COR1 and AMD1

Schema (Annex)	Part 1	Part 4	Subject	Nature of the Change
dml-chart.xsd (DrawingML – Charts)	X	X	ST_LblOffsetPercent ST_HPercentWithSymbol ST_DepthPercentWithSymbol ST_PerspectivePercent ST_ThicknessPercent ST_GapAmountPercent ST_OverlapPercent ST_BubbleScalePercent ST_HoleSizePercent ST_SecondPieSizePercent	<pre>&lt;xsd:restriction base="xsd:string"&gt;   &lt;xsd:pattern ...&gt; &lt;/xsd:restriction&gt;</pre>
dml-chart.xsd (DrawingML – Charts)	X	X	ST_Period	<pre>&lt;xsd:simpleType name="ST_Period"&gt;   &lt;xsd:restriction base="     xsd:unsignedInt"&gt;     &lt;xsd:minInclusive value="2"/&gt;     &lt;xsd:maxInclusive       value="unbounded4294967295"/&gt;     &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>
pml.xsd (PresentationML)	X	X	CT_OleObject	<pre>&lt;xsd:complexType name="CT_OleObject"&gt;   &lt;xsd:sequence&gt;     &lt;xsd:choice ...       ...     &lt;/xsd:choice&gt;     &lt;xsd:element ...       ...     &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>
pml.xsd (PresentationML)	X	X	CT_GraphicalObjectFrame	<pre>&lt;xsd:complexType   name="CT_GraphicalObjectFrame"&gt;   &lt;xsd:sequence&gt;     ...   &lt;/xsd:sequence&gt;   &lt;xsd:attribute name="bwMode"     type="a:ST_BlackWhiteMode"     use="optional"/&gt; &lt;/xsd:complexType&gt;</pre>

## Corrections to Errors in the Schema Changes in COR1 and AMD1

Schema (Annex)	Part 1	Part 4	Subject	Nature of the Change
sml.xsd (SpreadsheetML)	X	X	CT_ExternalLink	<pre> &lt;xsd:complexType   name="CT_ExternalLink"&gt;   &lt;xsd:sequence&gt;     &lt;xsd:choice ...       ...     &lt;/xsd:choice&gt;     &lt;xsd:element ...       ...     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; </pre>
wml.xsd (Wordprocessing ML)	X	X	ST_TextScalePercent	<pre> &lt;xsd:restriction base="xsd:string"&gt;   &lt;xsd:pattern ...&gt; &lt;/xsd:restriction&gt; </pre>
shared- commonSimpleT ype.xsd (Shared Simple Types)	X	X	ST_OnOff	<pre> &lt;xsd:simpleType name="ST_OnOff"&gt;   &lt;xsd:union     memberTypes="xsd:boolean"/&gt; &lt;/xsd:simpleType&gt; </pre>