## [VML](VML.docx) - Office Drawing

It is possible to include graphical [VML](VML.docx) objects in Office Open XML documents. The elements describing the core graphical objects are defined in the [VML](VML.docx) namespace. Additional elements that describe certain advanced shape effects, metadata and relationships are defined in this namespace.

[Note: The [VML](VML.docx) format is a legacy format originally introduced with Office 2000 and is included and fully defined in this Standard for backwards compatibility reasons. The DrawingML format is a newer and richer format created with the goal of eventually replacing any uses of [VML](VML.docx) in the Office Open XML formats. [VML](VML.docx) should be considered a deprecated format included in Office Open XML for legacy reasons only and new applications that need a file format for drawings are strongly encouraged to use preferentially DrawingML .end note]

[Example: Assume the following shape exists in a document:



The basic speech bubble shape is defined using VML. The 3-D effect is defined using the [extrusion](extrusion.docx) element in this namespace. The specularity attribute defines the subtle sharp reflection on the edge of the shape. The color attribute sets the [extrusion](extrusion.docx) to a different color than the face of the shape. The rotationangle attribute sets the shape's rotation about the X- and Y-axes. The lightposition and lightposition2 attributes set the positions of the light sources that illuminate the shape.

 <o:extrusion v:ext="view" specularity="80000f" color="#c4bc96 [2414]" on="t"

 rotationangle="-5,15" lightposition="0,-50000" lightposition2="0,50000"

 type="perspective"/>

This element is a child of the primary shape definition:

<v:[shape](shape.docx) id="\_x0000\_s1030" type="#\_x0000\_t62"

 style="position:absolute;left:0;text-align:left;margin-left:35.25pt;

 margin-top:60pt;width:69pt;height:57pt;z-index:251658240" adj="1675,27171"

 fillcolor="#ddd8c2 [2894]">

 <o:extrusion ... />

</v:[shape](shape.docx)>

end example]

Note that, throughout [VML](VML.docx), numeric values that are allowed to take units may be specified in: cm (centimeters), mm (millimeters), in (inches), pt (points), pc (picas), px (pixels).