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

It is possible to attach user interface controls, such as comments, combo boxes (dropdowns) and embedded controls, to a SpreadsheetML document. [VML](VML.docx) is used to define certain aspects of the control, such as size and visual appearance. Additional information describing the control must also be included. The [VML](VML.docx) SpreadsheetML Drawing namespace provides the additional information necessary to define the type, settings and behavior of the control.

[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 comment below exists on a spreadsheet:



The following defines the additional information necessary to describe the comment. The ObjectType attribute describes the object as a comment. The [Anchor](Anchor.docx) element defines that its edges are anchored to the first and fourth rows and the second and fourth columns. The [Row](Row.docx) and [Column](Column.docx) elements indicate that it points to the cell in the first row, first column.

<x:[ClientData](ClientData.docx) ObjectType="Note">
 <x:[MoveWithCells](MoveWithCells.docx)/>
 <x:[SizeWithCells](SizeWithCells.docx)/>
 <x:[Anchor](Anchor.docx)>1, 13, 0, 12, 2, 52, 2, 10</x:[Anchor](Anchor.docx)>
 <x:[AutoFill](AutoFill.docx)>False</x:[AutoFill](AutoFill.docx)>
 <x:[Row](Row.docx)>0</x:[Row](Row.docx)>
 <x:[Column](Column.docx)>0</x:[Column](Column.docx)>
 <x:[Visible](Visible.docx)/>
</x:[ClientData](ClientData.docx)>

This additional comment data exists inside the [VML](VML.docx) shape that defines the comment object:

<v:shape id="\_x0000\_s1025" type="#\_x0000\_t202" style='position:absolute;margin
 left:57.75pt;margin-top:9pt;width:77.25pt;height:28.5pt;z-index:1;mso-wrap-
 style:tight' fillcolor="#ffffe1" o:insetmode="auto">

 <v:[fill](fill.docx) color2="#ffffe1"/>
 <v:[shadow](shadow.docx) on="t" color="black" obscured="t"/>
 <v:[path](path.docx) o:connecttype="none"/>
 <v:[textbox](textbox.docx) style='mso-direction-alt:auto'>
 <div style='text-align:left'></div>
 </v:[textbox](textbox.docx)>
 <x:[ClientData](ClientData.docx) ObjectType="Note"> … </x:[ClientData](ClientData.docx)>
</v:shape>

end example]