#### f (Formula)

This element specifies a reference to source of the data contained in this chart. This shall be used by the spreadsheet application only. A presentation, or word processing application should use the [externalData](externalData.docx) element.

This reference is in the form of a book, sheet, and cell reference or a book, optional sheet, and defined name reference. This reference does not include the equals sign. [Example:

<c:cat>  
 <c:strRef>  
 <c:f>Sheet1!$A$1:$C$1</c:f>  
 <c:strCache>  
…  
 </c:strCache>  
 </c:strRef>  
</c:cat>

The above example shows a formula reference used for the string cahce. In this case the series names, which are referenced by the formula element, are in cells A1, B1, and C1.

[end](end.docx) example

The possible values for this element are defined by the XML Schema string datatype.

|  |
| --- |
| Parent Elements |
| [multiLvlStrRef](multiLvlStrRef.docx) (§); [numRef](numRef.docx) (§); [strRef](strRef.docx) (§) |