#### moveFromRangeStart (Move Source Location Container - Start)

This element specifies the [start](start.docx) of a region whose move source contents are part of a single named move. When a move source is stored as a revision in a WordprocessingML document, two pieces of information must be stored about that move source:

* A set of pieces of content which were moved - both inline-level content (§) and paragraphs (§)
* A move source container (or "bookmark") which specifies that all content within it which marked as a move source is part of a single named move. The name attribute on the move container links a [group](group.docx) of move source content with the corresponding [group](group.docx) of move [destination](destination.docx) content.

This element defines the [start](start.docx) of the latter piece of the move revision data - the container. The [id](id.docx) attribute on this element shall be used to [link](link.docx) this element with the corresponding end of a move source container in the document.

The following restrictions are applied to the use of this element

* If this element occurs without a corresponding [moveFromRangeEnd](moveFromRangeEnd.docx) element (§) with a matching [id](id.docx) attribute value, then it shall be ignored and no move source container exists
* If this element and its paired end occur without a matching move [destination](destination.docx) container (§; §), then moved content in this region shall be treated as if it was deleted
* If multiple [start](start.docx) elements exist with the same [id](id.docx) attribute value, then the each instance in the document shall be matched with an end in document order, and unmatched starts (no corresponding end) shall be handled as described above.
* If multiple move source containers surround the same text, the last valid container (determined by the location of the container [start](start.docx) elements, in document order) should be the container associated with that text.

[Example: Consider a WordprocessingML document in which the first paragraph contains two sentences, and the first sentence is moved before the second sentence, and this move is tracked as a revision, as follows (in this image, green underline indicates the move [destination](destination.docx) and the green strikethrough indicates the move source location):



This document has the sentence Some moved text. moved to the first sentence in the document. This revision is represented using the following WordprocessingML:

<w:[p](p.docx)>  
 <w:[moveToRangeStart](moveToRangeStart.docx) w:[id](id.docx)="0" … w:name="move1" />  
 <w:[moveTo](moveTo.docx) w:[id](id.docx)="1" … >  
 <w:[r](r.docx)>  
 <w:[t](t.docx)>Some moved text.</w:[t](t.docx)>  
 </w:[r](r.docx)>  
 </w:[moveTo](moveTo.docx)>  
 <w:[moveToRangeEnd](moveToRangeEnd.docx) w:[id](id.docx)="0" />  
 <w:[r](r.docx)>  
 <w:[t](t.docx) xml:space="preserve">Some text.</w:[t](t.docx)>  
 </w:[r](r.docx)>  
 <w:moveFromRangeStart w:[id](id.docx)="2" … w:name="move1" />  
 <w:[moveFrom](moveFrom.docx) w:[id](id.docx)="3" … >  
 <w:[r](r.docx)>  
 <w:[t](t.docx)>Some moved text.</w:[t](t.docx)>  
 </w:[r](r.docx)>  
 </w:[moveFrom](moveFrom.docx)>  
 <w:[moveFromRangeEnd](moveFromRangeEnd.docx) w:[id](id.docx)="2" />  
</w:[p](p.docx)>

The moveFromRangeStart element specifies the [start](start.docx) of the move source container within which all moved content is part of the move named move1. end example]

|  |
| --- |
| Parent Elements |
| [body](body.docx) (§); [comment](comment.docx) (§); [customXml](customXml.docx) (§); [customXml](customXml.docx) (§); [customXml](customXml.docx) (§); [customXml](customXml.docx) (§); deg (§); [del](del.docx) (§); den (§); [docPartBody](docPartBody.docx) (§); e (§); [endnote](endnote.docx) (§); [fldSimple](fldSimple.docx) (§); fName (§); [footnote](footnote.docx) (§); [ftr](ftr.docx) (§); [hdr](hdr.docx) (§); [hyperlink](hyperlink.docx) (§); [ins](ins.docx) (§); lim (§); [moveFrom](moveFrom.docx) (§); [moveTo](moveTo.docx) (§); [num](num.docx) (§); [oMath](oMath.docx) (§); [p](p.docx) (§); [rt](rt.docx) (§); [rubyBase](rubyBase.docx) (§); [sdtContent](sdtContent.docx) (§); [sdtContent](sdtContent.docx) (§); [sdtContent](sdtContent.docx) (§); [sdtContent](sdtContent.docx) (§); [smartTag](smartTag.docx) (§); sub (§); sup (§); [tbl](tbl.docx) (§); [tc](tc.docx) (§); [tr](tr.docx) (§); [txbxContent](txbxContent.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| author (Annotation Author) | Specifies the author for an annotation within a WordprocessingML document.  If this attribute is omitted, then no author shall be associated with the parent annotation type.  [Example: Consider a [comment](comment.docx) represented using the following WordprocessingML fragment:  <w:… w:[id](id.docx)="1" w:author="Example Author">  …  </w:…>  The author attribute specifies that the author of the current annotation is Example Author, which may be used as desired. end example]  The possible values for this attribute are defined by the [ST\_String](ST_String.docx) simple [type](type.docx) (§). |
| colFirst (First Table Column Covered By Bookmark) | Specifies the zero-based index of the first column in this row which shall be part of this bookmark.  When a bookmark is contained within a [table](table.docx), it is possible for that bookmark to only cover cells within a certain column and row range within that [table](table.docx), by specifying:   * The first row for which the specified columns are part of the [table](table.docx) bookmark. This is accomplished by placing the [bookmarkStart](bookmarkStart.docx) element in the first [table](table.docx) cell in that row. * The first column included in the bookmark for each of the specified row(s) via this attribute. * The last column included in the bookmark for each of the specified row(s) via the colLast attribute. * The last row for which the specified columns are part of the [table](table.docx) bookmark. This is accomplished by placing the [bookmarkEnd](bookmarkEnd.docx) element at the end of that [table](table.docx) row.   If this attribute appears, then the colLast attribute must also appear (regardless of where this bookmark is located) or the document shall be considered non-conformant. If this attibute and its pair occur on a bookmark which is not contained in a [table](table.docx), then their values should be ignored. If this value exceeds the value of colLast or the number of columns in the [table](table.docx), then both values should be ignored.  [Example: Consider a three row by three column [table](table.docx) where a [table](table.docx) bookmark shall be applied to the contents of the first two cells in the first two rows in the [table](table.docx) (the cells shaded below):   |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   This bookmark would be specified using the following WordprocessingML for the table's conents:  <w:[tbl](tbl.docx)>  …  <w:[tr](tr.docx)>  <w:[tc](tc.docx)>  <w:bookMarkStart w:colFirst="0" w:colLast="1" w:[id](id.docx)="0" w:name="[table](table.docx)"/>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  </w:[tr](tr.docx)>  <w:[tr](tr.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[bookmarkEnd](bookmarkEnd.docx) w:[id](id.docx)="0" />  </w:[tr](tr.docx)>  <w:[tr](tr.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  </w:[tr](tr.docx)> </w:[tbl](tbl.docx)>  The colFirst attribute specifies that all columns starting with the first column shall be included in the [table](table.docx) bookmark. This will apply starting with the first row and ending with the second row (the two rows within the bookmark's [start](start.docx) and end). end example]  The possible values for this attribute are defined by the [ST\_DecimalNumber](ST_DecimalNumber.docx) simple [type](type.docx) (§). |
| colLast (Last Table Column Covered By Bookmark) | Specifies the zero-based index of the last column in this row which shall be part of this bookmark.  When a bookmark is contained within a [table](table.docx), it is possible for that bookmark to only cover cells within a certain column and row range within that [table](table.docx), by specifying:   * The first row for which the specified columns are part of the [table](table.docx) bookmark. This is accomplished by placing the [bookmarkStart](bookmarkStart.docx) element in the first [table](table.docx) cell in that row. * The first column included in the bookmark for each of the specified row(s) via the colFirst attribute. * The last column included in the bookmark for each of the specified row(s) via this attribute. * The last row for which the specified columns are part of the [table](table.docx) bookmark. This is accomplished by placing the [bookmarkEnd](bookmarkEnd.docx) element at the end of that [table](table.docx) row.   If this attribute appears, then the colFirst attribute must also appear (regardless of where this bookmark is located) or the document shall be considered non-conformant. If this attibute and its pair occur on a bookmark which is not contained in a [table](table.docx), then their values should be ignored. If this value does not equal or exceed the value of colFirst or the number of columns in the [table](table.docx), then both values should be ignored.  [Example: Consider a three row by three column [table](table.docx) where a [table](table.docx) bookmark shall be applied to the contents of the first two cells in the first two rows in the [table](table.docx) (the cells shaded below):   |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   This bookmark would be specified using the following WordprocessingML for the table's conents:  <w:[tbl](tbl.docx)>  …  <w:[tr](tr.docx)>  <w:[tc](tc.docx)>  <w:bookMarkStart w:colFirst="0" w:colLast="1" w:[id](id.docx)="0" w:name="[table](table.docx)"/>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  </w:[tr](tr.docx)>  <w:[tr](tr.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[bookmarkEnd](bookmarkEnd.docx) w:[id](id.docx)="0" />  </w:[tr](tr.docx)>  <w:[tr](tr.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  <w:[tc](tc.docx)>  <w:[p](p.docx)/>  </w:[tc](tc.docx)>  </w:[tr](tr.docx)> </w:[tbl](tbl.docx)>  The colLast attribute specifies that the last column that shall be included in the [table](table.docx) bookmark is the second column. This will apply starting with the first row and ending with the second row (the two rows within the bookmark's [start](start.docx) and end). end example]  The possible values for this attribute are defined by the [ST\_DecimalNumber](ST_DecimalNumber.docx) simple [type](type.docx) (§). |
| [date](date.docx) (Annotation Date) | Specifies the date information for an annotation within a WordprocessingML document. The use of this information is outside of the scope of this Office Open [XML](XML.docx) Standard.  If this attribute is omitted, then no date information shall be associated with the parent annotation type.  [Example: Consider a [comment](comment.docx) represented using the following WordprocessingML fragment:  <w:… w:[id](id.docx)="1" w:[date](date.docx)="2006-01-01T10:00:00">  …  </w:…>  The date attribute specifies that the date of the current annotation is January 1st 2006 at 10:00 AM, which may be used as desired. end example]  The possible values for this attribute are defined by the [ST\_DateTime](ST_DateTime.docx) simple [type](type.docx) (§). |
| displacedByCustomXml (Annotation Marker Relocated For Custom [XML](XML.docx) Markup) | Specifies that the parent annotation's placement shall be directly linked with the location of the physical presentation of a custom [XML](XML.docx) element in the document. This element only has an [effect](effect.docx) when the custom [XML](XML.docx) element is block-level (i.e. surrounds an entire paragraph), as in this scenario the logical and physical placement of the annotation and custom [XML](XML.docx) element may differ.  Specifically, in this case, the custom [XML](XML.docx) is presented \*around\* the block-level [object](object.docx) it encloses (the paragraph, [table](table.docx), [table](table.docx) row, or [table](table.docx) cell), but is physically represented within that same [object](object.docx) (i.e. within the paragraph, [table](table.docx), [table](table.docx) row or [table](table.docx) cell). This requirement stems from the fact that there is no location for the location of the annotation within the document at its logical location (around a [table](table.docx), for example).  If this element is omitted, then the annotation shall be anchored inside of all block-level custom [XML](XML.docx) elements in the paragraph. If this element is present, but no block-level custom [XML](XML.docx) [tag](tag.docx) is located at the [position](position.docx) it specifies (before or after), then it shall be ignored.  [Example: Consider a paragraph with block level custom [XML](XML.docx) markup and two [comment](comment.docx) anchor annotations (one before and one after the custom [XML](XML.docx) element's physical representation), as follows:    Since all three of these items are around the entire paragraph, they are stored outside of the paragraph. However, in order to ensure that their relative positions are stored correctly, any annotation which shall be displaced by the physical custom [XML](XML.docx) element specifies this information, resulting in the following WordprocessingML:  <w:[commentRangeStart](commentRangeStart.docx) w:[id](id.docx)="0" /> <w:[commentRangeStart](commentRangeStart.docx) w:[id](id.docx)="1" w:displaced byCustomXml="[next](next.docx)" /> <w:[customXml](customXml.docx) w:element="spec" … /> <w:[p](p.docx)>  … </w:[p](p.docx)>  The displacedByCustomXml attribute specifies that even though all three of these items are around the paragraph and will be moved inside the paragraph to be represented physically, the [comment](comment.docx) with ID 0 shall be inside the custom [XML](XML.docx), but the [comment](comment.docx) with ID 1 shall be displaced to stay outside of the relative location of the [next](next.docx) custom [XML](XML.docx) element (the spec element). end example]  The possible values for this attribute are defined by the [ST\_DisplacedByCustomXml](ST_DisplacedByCustomXml.docx) simple [type](type.docx) (§). |
| [id](id.docx) (Annotation Identifier) | Specifies a unique identifier for an annotation within a WordprocessingML document. The restrictions on the [id](id.docx) attribute, if any, are defined by the parent [XML](XML.docx) element.  If this attribute is omitted, then the document is non-conformant.  [Example: Consider an annotation represented using the following WordprocessingML fragment:  <w:… w:[id](id.docx)="1" … >  …  </w:…>  The [id](id.docx) attribute specifies that the ID of the current annotation is 1. This value is used to uniquely identify this annotation within the document content. end example]  The possible values for this attribute are defined by the [ST\_DecimalNumber](ST_DecimalNumber.docx) simple [type](type.docx) (§). |
| [name](name.docx) (Bookmark Name) | Specifies the bookmark name.  If multiple bookmarks in a document share the same name, then the first bookmark (defined by the location of the [bookmarkStart](bookmarkStart.docx) element in document order) shall be maintained, and all subsequent bookmarks should be ignored.  [Example: Consider the following [XML](XML.docx) for a bookmark around a single word:  <w:[p](p.docx)>  <w:[bookmarkStart](bookmarkStart.docx) w:[id](id.docx)="0" w:name="place" />  <w:[r](r.docx)>  <w:[t](t.docx)>Seattle</w:[t](t.docx)>  </w:[r](r.docx)>  <w:[bookmarkEnd](bookmarkEnd.docx) w:[id](id.docx)="0" /> </w:[p](p.docx)>  The name attribute specifies that the name for this bookmark is place. end example]  The possible values for this attribute are defined by the [ST\_String](ST_String.docx) simple [type](type.docx) (§). |

The following [XML](XML.docx) Schema fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_MoveBookmark">

<complexContent>

<extension base="CT\_Bookmark">

<attribute [name](name.docx)="author" [type](type.docx)="[ST\_String](ST_String.docx)" use="required"/>

<attribute [name](name.docx)="[date](date.docx)" [type](type.docx)="[ST\_DateTime](ST_DateTime.docx)" use="required"/>

</extension>

</complexContent>

</complexType>