

- ▶ `#CONTENT(attribute-name)` references an attribute declared as ID, IDREF, or IDREFS, in which case the value is treated as CDATA and returned as text.
- ▶ `#CONTENT(attribute-name)` references an attribute of declared value ENTITY, in which case it evaluates to a string containing the entity name as the value of the attribute.
- ▶ `#CONTENT(attribute-name)` references an attribute of declared value ENTITIES, in which case it returns a string that is the concatenation (separated by a single blank) of the entity names.
- `#XPATH(...)#XPATH` returns the string value of the XPath expression indicated with The e-i-c being processed is assumed to be the current element.
- `#XPATHCONTENT(...)#XPATH` returns the content of the element represented by the XPath expression indicated with The element whose e-i-c is being processed is the current element. The content returned does not include start and end tags. When the expression results in a node set with more than one element, a `<_sfe:CollectionItem>` pseudo-element wraps each element content. These pseudo-elements can have e-i-cs in a FOSI (see **Figure 49 #XPATHCONTENT and `<_sfe:CollectionItem>`** on page 88).
- `#XPATHNODESET(...)#XPATH` returns the elements represented by the XPath expression indicated with The element whose e-i-c is being processed is the current element. The return value includes begin and end tags, which can have e-i-cs in a FOSI, as shown in **Figure 50 #XPATHNODESET returns document tags** on page 89.
- `#SETATTR/#ENDSETATTR` surrounds an assignment of an attribute value from a document tag to a generated text tag, as illustrated in **Figure 51**.

NOTE: `#SETATTR/#ENDSETATTR` cannot be used to save an attribute value. The `gentext` tag must be present in the `conrule` or `source`. For example, the following is not valid:

```
<savetext textid="gentext.txt"
conrule="#SETATTR(gentextattr,@docattr) #ENDSETATTR">
```

If the `conrule` or `source` does not specify a `gentext` tag, an error message such as the following is reported:

[A31499] ERROR: An error occurred processing the FOSI `#SETATTR` construct in a savetext or usetext. This may have originated in Styler generated text as a "Set Attribute Using XPath" command. No tag was found in generated text on which the attribute could be set. Attribute name = "gentextattr". Value computed from XPath = "2".

TIP

`#SETATTR/#ENDSETATTR` is an undocumented feature in Arbortext Editor in some 5.3 releases and in version 6. Search `Arbortext-path\packages\main_styleexportfosi.acl` for "`#SETATTR`".

FOSI fragment

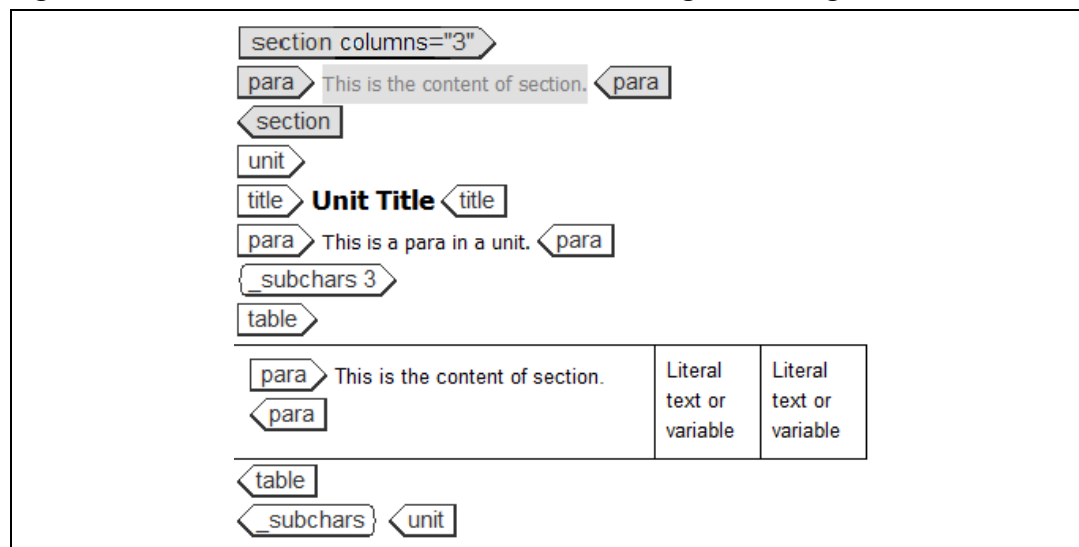
```

<e-i-c gi="body">
<charlist inherit="1">
<usetext source="#XPATHNODESET (/document/body/chapter/title) #XPATH">
...
<e-i-c gi="title" context="body" occur="notlast">
<charlist inherit="1" charsubsetref="bold">
<usetext source="\ \" placemnt="after"></usetext>
...
<e-i-c gi="title" context="body" occur="last">
<charlist inherit="1" charsubsetref="endline allcaps"></charlist>
...

```

In this example, #SETATTR gets the value of an attribute in the document and assigns it to an attribute in a gentext tag. In addition, #CONTENT is saved as the content of the gentext tag. The graphic shows the Edit window, including the generated table. Suppressed content is grayed out.

Figure 51 Document attribute value becomes gentext tag attribute value

**FOSI fragment**

```

<stringdecl textid="colspecs.txt">
...
<charsubset charsubsetid="SUPPRESS">
<highlt inherit="1" bckclr="gray2" fontclr="gray5">
<suppress sup="1">
</charsubset>
...

```

```

<e-i-c gi="section">
<charlist inherit="1" charsubsetref="SUPPRESS"></charlist>
<att>
<specval attname="group" attloc="section" attval="2">
<charsubset>
<savetext textid="colspecs.txt"
conrule='!<colspec colname="col1" colwidth="16 pi"/>
<colspec colname="col2" colwidth="4pi"/>!'>
<savetext textid="gentable.txt" conrule="!<table><tgroup>!
,#SETATTR(cols,@group)#ENDSETATTR,colspecs.txt,
!<tbody><row><entry>!
,#CONTENT,
!</entry><entry>Literal text or variable</entry>
</row></tbody></tgroup></table>!">
...
<att>
<specval attname="columns" attloc="section" attval="3">
<charsubset>
<savetext textid="colspecs.txt"
conrule='!<colspec colname="col1" colwidth="16 pi"/>
<colspec colname="col2" colwidth="4pi"/>
<colspec colname="col3" colwidth="4pi"/>!'>
<savetext textid="gentable.txt" conrule="!<table><tgroup>!
,#SETATTR(cols,@columns)#ENDSETATTR,colspecs.txt,
!<tbody><row><entry>!
,#CONTENT,
!</entry><entry>Literal text or variable</entry>
<entry>Literal text or variable</entry>
</row></tbody></tgroup></table>!">
...
<e-i-c gi="unit">
<charlist inherit="1" charsubsetref="block">
<usetext source="gentable.txt" placemnt="after">
<subchars>
<font famname="Arial" size="10pt">
<leading inherit="1" lead="11pt">
...

```

Botfloat and footnote keywords

To control footnote placement when a page layout allows floating to page bottom, the following keywords are supported for the botfloat characteristic.

- #Footnote indicates where to put footnotes in relation to other floats. It is allowed once within a botfloat string. It overrides the footnote ftnfloat characteristic, which when set to 1 causes the Footnote Area to appear closest to the flowing text. When set to 0, the Footnote Area appears after any bottom floats. If #footnote does not appear in botfloat,