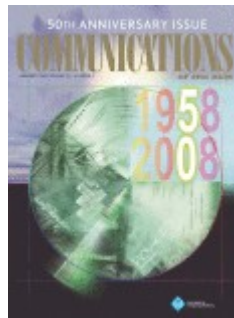


This is a test of line-wrapping around images to see if there is any support for dynamic wrapping and whether the threshold can be set or not.

I tried wrap-through style. This is peculiar because the text then runs underneath the image. That made it difficult to type the text. Using “Optimal Page Wrap” I have the current arrangement where the image is centered and I have text wrapping on the left, with nothing on the right. I am not sure how this leads to a dynamic case. I will keep typing until the image is surrounded.



Now all I need to know for sure is how the dynamic case could be triggered, if at all. What happens is that as I drag the image left or right on the page, the text that runs along-side the image will shift between the left and right sides of the image. I am going to duplicate this and demonstrate it both ways.



This block has the same arrangement for wrapping, but I pulled the image enough to the left that the wrapping text moved to the right side automatically. The point of this is to look at the wrapping styles and see if dynamic wrapping is happening and whether or not a threshold is specified. I did not see anywhere that I could exert much control over this as the user of the

processor (in this case the OO.o 2.4 Sun Microsystems distribution for Microsoft Windows). I will keep typing until the image is “surrounded.” I have shown how “Optimal Page Wrap” works and now I need to see what that looks like in the ODF file.

The relevant **content.xml** for the preceding material consists of the following abridged XML:

```
<?xml version="1.0" encoding="utf-8"?>
<office:document-content xmlns:office="urn:oasis:names:tc:opendocument:xmlns:office:1.0"
    xmlns:style="urn:oasis:names:tc:opendocument:xmlns:style:1.0"
    xmlns:text="urn:oasis:names:tc:opendocument:xmlns:text:1.0"
    xmlns:draw="urn:oasis:names:tc:opendocument:xmlns:drawing:1.0"
    xmlns:fo="urn:oasis:names:tc:opendocument:xmlns:xsl-fo-compatible:1.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:svg="urn:oasis:names:tc:opendocument:xmlns:svg-compatible:1.0"
    office:version="1.1">
  <!-- abbreviated to show only material needed to illustrate style:wrap="dynamic" example -->
  <office:automatic-styles>
    <style:style style:name="fr1" style:family="graphic" style:parent-style-name="Graphics">
      <style:graphic-properties style:run-through="foreground"
        style:wrap="dynamic" style:number-wrapped-paragraphs="no-limit"
        style:wrap-contour="false"
        style:vertical-pos="from-top" style:vertical-rel="paragraph"
        style:horizontal-pos="from-left" style:horizontal-rel="paragraph"
        style:mirror="none"
        fo:clip="rect(0in 0in 0in 0in)"
        draw:luminance="0%" draw:contrast="0%"
        draw:red="0%" draw:green="0%" draw:blue="0%" draw:gamma="100%"
        draw:color-inversion="false" draw:image-opacity="100%"
        draw:color-mode="standard"/>
    </style:style>
  </office:automatic-styles>
```

```

<office:body>
  <office:text>
    <!-- ... -->
    <text:p text:style-name="Standard">
      <draw:frame draw:style-name="fr1" draw:name="graphics1"
        text:anchor-type="paragraph"
        svg:x="2.9783in" svg:y="0in" svg:width="1.2189in"
        svg:height="1.6354in" draw:z-index="0">
        <draw:image xlink:href="Pictures/100002010000007500000009D78B8E096.png"
          xlink:type="simple" xlink:show="embed" xlink:actuate="onLoad"/>
        </draw:frame>I tried wrap-through style.
        <text:s/>This is peculiar because the text then runs underneath the image.
        <!-- Most text deleted to simplify this example -->
        <text:s/>I am going to duplicate this and demonstrate
          it both ways.</text:p>
      </text:p text:style-name="Standard"/>
    <text:p text:style-name="Standard">
      <draw:frame draw:style-name="fr1" draw:name="graphics2"
        text:anchor-type="paragraph"
        svg:x="2.8283in" svg:y="0.0717in" svg:width="1.2189in"
        svg:height="1.6354in" draw:z-index="1">
        <draw:image xlink:href="Pictures/100002010000007500000009D78B8E096.png"
          xlink:type="simple" xlink:show="embed" xlink:actuate="onLoad"/>
        </draw:frame>This block has the same arrangement.
        <!-- more text deleted -->
        <text:s/>I have shown how "Optimal Page Wrap" works and now I need to see
          what that looks like in the ODF file.</text:p>
      </text:p text:style-name="Standard"/>
    </text:p text:style-name="Standard"/>
  </office:text>
</office:body>
</office:document-content>

```

To explore any impact of **style:wrap-dynamic-treshold** and **style:wrap-dynamic-threshold**, I experimented with two threshold values: 6.5in and 0.5in, to see what effect there was. One of the 6.5in settings should have prevented wrapping alongside the image.

What I discovered is that none of the settings had any impact on the layout in OO.o 2.4. In addition, if there were any edits to the document, so that it would be resaved, the threshold attribute would be removed from the automatic style **fr1**.

My conclusion is that the OO.o code base up through the version 2.4 Sun edition did not support a dynamic threshold value. Either spelling of the attribute name is ignored.