
XSLT Publishing Exercises 3

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Date: March 2003 (revised 11/03/2003)

We have so far concentrated on rendering the TEI XML in HTML for display on the web. That is only one of the things we can do with XSLT, however. The aim of this set of exercises is to stretch your scripting skills a bit more. We show the first one worked out, your task is to attempt the others. In each case, we will write an HTML file containing the results.

- Count the number of pages in each chapter of A Christmas Carol. This is a simple use of the count function.

```
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
                version="1.0">

  <xsl:output method="html"/>

  <xsl:template match="/">
    <html>
      <body>
        Pages: <xsl:value-of select="count(../pb)"/>
      </body>
    </html>
  </xsl:template>

</xsl:stylesheet>
```

- Make a sorted list of all the <soCalled> elements in A Christmas Carol
- Extend that list of <soCalled> to give the page number next to each one
- List the <div> elements in Punch which have more than one <head>
- Write out a table of the <l> elements in Punch sorted in order of size (remember to use the data-type attribute of <xsl:sort>)
- Can you make a table of the first word of each paragraph in Dickens?