
XSLT Publishing Exercises 2

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Date: March 2003 (revised 04/03/2003)

In your sample files, you will find an XSLT stylesheet called `punch-tei.xml`. Run this stylesheet with the command-line

```
xsltproc punch-tei.xml punch.xml
```

and look at the resulting `punch.html` with your browser. The stylesheet is calling a set of generalized XSLT stylesheets for rendering TEI documents. You can alter the effects by editing `punch-tei.xml`, which has a series of high-level variables. We suggest you start by trying

- Change

```
<xsl:param name="splitLevel">-1</xsl:param>
```

to

```
<xsl:param name="splitLevel">0</xsl:param>
```

and see the sections split into separate files (this will NOT work if you look at the XML file in IE5)

- Change

```
<xsl:param name="numberHeadings"></xsl:param>
```

to

```
<xsl:param name="numberHeadings">true</xsl:param>
```

to see how the section numbering appears.

- Change

```
<xsl:param name="leftLinks"/>
```

to

```
<xsl:param name="leftLinks">true</xsl:param>
```

and

```
<xsl:param name="autoToc">true</xsl:param>
```

to

```
<xsl:param name="autoToc"></xsl:param>
```

Observe how the table of contents is now in a table column on the left

- Write a template matching the `<speaker>` element, starting like this:

```
<xsl:template match="speaker">
```

Finish it to output a centred statement “[xx speaks here]”

- Write a template in `punch-tei.xml` to output the line numbers before each line of verse.
- In your new template for `<l>` elements, create an `xsl:if` condition before the `<xsl:apply-templates>` instruction. Use this to output several hard spaces () before the text of even-numbered lines.

There is a full explanation of these variables at <http://www.tei-c.org.uk/Stylesheets/teixsl.html> and in your handouts.

You can use the same stylesheet techniques on the `sample.xml` file, or one of your own.