

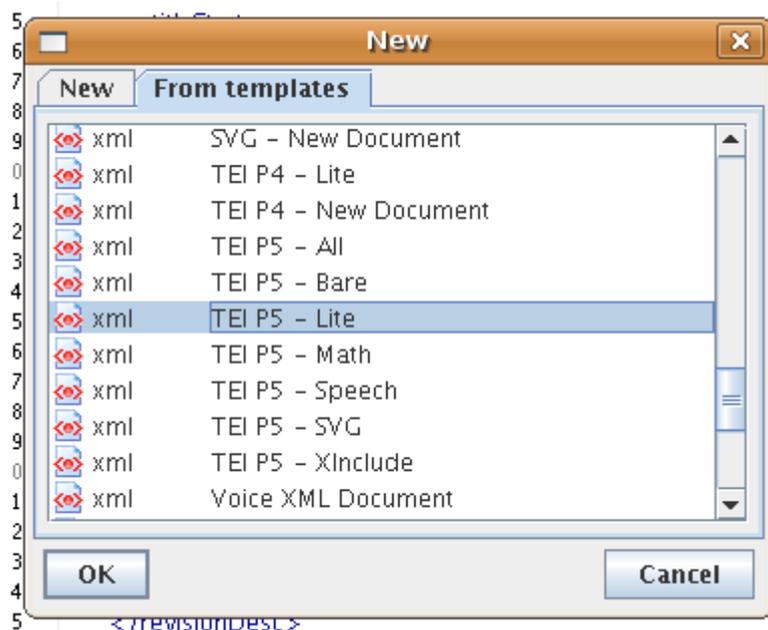
## Exercise: More Editing XML!

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From our first exercise you saved a file with the poem 'Progress' (I suggested with the name 'exercise1.xml'). This is file with a single `<div>` file representing part of an issue of Punch. The task now is to turn it into a TEI document with all the mandatory parts and check its a **valid** TEI document.

### 1 Turn it into a TEI document

1. Start oXygen and load your old 'exercise1.xml' document.
2. Then choose the **File/New** menu item. Select the **From templates** tab and choose *TEI P5 - Lite*.



3. Delete the contents below the `<body>` element and insert the `<div>` containing the poem which you made earlier by doing a copy and paste.
4. You should have a theoretically complete TEI document now.

### 2 Put in minimal metadata

1. To make it a more genuine document, fill in the compulsory metadata area for `<title>`
2. And then say something in `<publicationStmt>`
3. And if you are feeling strong add something to `<sourceDesc>`

Don't worry too much about the contents of the above for now, we'll tidy it up a bit later.

### 3 Add some more sections

There is a file called `prose.xml` amongst the materials provided. Open this, and cut and paste the whole `<div>` which it contains after the verse `<div>`. The document should still be well-formed.

### 4 Check its a valid TEI document



1. Up in the menu bar, look for the validation button , and click on it.
2. This will validate the document against the TEI Lite schema. Why that one? because of the incantation at the top of the file:

```
<?oxygen
RNGSchema="http://www.tei-c.org/release/xml/tei/custom/schema/relaxng/teilighte.rng"
type="xml"?>
```

which is processing-instruction supported by oXygen, to indicate to it which schema to use.

3. Try adding some markup not recognized by TEI Lite, and see the validation fail. For example, surround the name ‘Toby’ at the top of the prose section with `<persName>`. Although this is a perfectly good TEI element, it is not allowed in TEI Lite. What element in TEI Lite could be used? How would you differentiate it from other similar elements?
4. Now change the ‘teilighte.rng’ part of this processing instruction to be ‘tei\_all’ so the entire thing reads:

```
<?oxygen
RNGSchema="http://www.tei-c.org/release/xml/tei/custom/schema/relaxng/tei_all.rng"
type="xml"?>
```

Changing it to tei\_all means that you have the full range to TEI elements to play with!

5. To make sure it is validating against the new schema, select ‘Document -> Validate -> Refresh Cache and Validate’

### 5 Save your file!

Just a reminder to make sure you have saved your file before you finish! Perhaps save it as ‘exercise2.xml’.