



# Abusing Word and Making Love to oXygen

Customizing your dictionary editing workflows

**My language uses a not-Latin  
script and I'm allergic to  
switching keyboard layouts all  
the time. What should I do?**

# Localize TEI

```
<elementSpec module="dictionaries" ident="entry" mode="change">
    <altIdent>одредница</altIdent>
</elementSpec>
<elementSpec module="dictionaries" ident="etym" mode="change">
    <altIdent>етимологија</altIdent>
</elementSpec>
```

## Renaming elements in the ODD file or in TEI Roma

```
<одредница>
  <хомограф бр="1">
    <облик тип="основни">мä</облик> и <облик тип="основни">mâ</облик> ,
    <облик тип="изведени">mää</облик>
    <граматика>
      <врстаречи>м.</врстаречи>
    </граматика>
    <значење> ретко се може чути у зависним падежима: <пример>
      <цитат> По један <курзив>mä.</курзив> </цитат>
      <извор>
        <место>БМ.</место>
      </извор>
    </пример> – <пример>
      <цитат> Двадесет <курзив>mä.</курзив> </цитат>
      <извор>
        <место>БМ.</место>
      </извор>
    </пример> – <пример>
      <цитат> Једнак, од <курзив>ма.</курзив> </цитат>
      <извор>
        <место>Мир.</место>
      </извор>
    </пример> – <пример>
      <цитат> Једа <курзив>mâ</курзив> (т.ј. једном). </цитат>
    </пример>
  </значење> - <белешка> У В. З. <курзив><упућеница речник="вук">mä</упућениц
  (mâ), mää,</курзив> у RJA. 2. <курзив><упућеница речник="RJA"
  >mâh</упућеница>, mâha</курзив> м. </белешка>
</хомограф>
```

I really want to use Word  
to prepare my digital  
edition. Why shouldn't I?

# Word styles to XML tags?

<header n="17" from="СТЕФАН РАДОНИЋ" to="ВУКУ КАРАЦИЋУ"  
where="Вићенца" date="30" month="јануар" year="1863"/> ¶

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Почитаєми Господине!

Долазакъ мoga уяка Мирка Петровићa у Бечу млого ме зачудio и немогу пропустити Васъ молити да ми одъ прилике кажете што се збори: єли успѣо у нѣговимъ намѣрама єли се задоволяњъ вратio и найвише єли се дефинитивно помирio С' Аустријомъ за вазда или само докъ се поврати у Црну-Гору.

Ово су ствари Господине коє не само да ме интересираю него одъ части и Будућностју мојомъ у прављају па за то и долазимъ Васъ молити, као човека кои зна то осудити, да ме убоште извѣстите о найновимъ одношаима међу Аустријомъ и Црном-Горомъ и єли Аустрија у Мирку пріятели признала у ствари или по форми. ¶

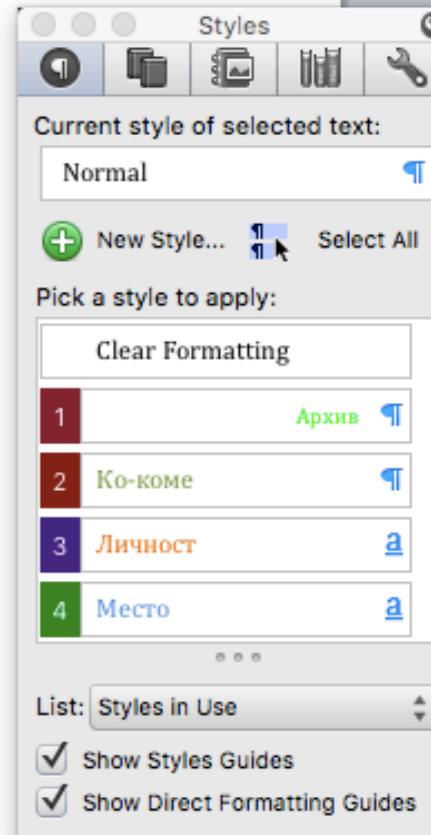
Поздравите ми Вашу Госпођу Супругу, Госпођу Ђерку Вашегъ Г. Сина и  
Малога Јанка.<sup>¶</sup>

Остаемся ожидаюћи Вашъ скори одговор.

Вашъ найвећи почитатель S. Radonić

P.S. Я самъ у Вићенци Cavalerie equitation исти.

АСАНУ, 8273/2.



Font Paragraph Styles Insert Themes

Arхив Број стране Ко-коме Normal Личност Место

<header n="17" from="СТЕФАН РАДОНИЋ" to="ВУКУ КАРАЦИЋУ" where="Вићенца" date="30" month="јануар" year="1863"/> ¶

Vicenza 18/28[!] 63 ¶

Почитаєми Господине! ¶

Долазакъ мoga уяка **Мирка Петровића** у Бечу много ме зачудio и немогу пропустити. Васъ молити да ми одъ прилике кажете што се збори: ели успѣо у нѣговимъ намѣрама ели се задоволяњъ вратio и найвише ели се дефинитивно помирio С' **Аустријомъ** за вазда или само докъ се поврати у Црну-Гору. ¶

Ово су ствари Господине које не само да ме интересираю него одъ части и Будућностю мојомъ у правляю па за то и долазимъ Васъ молити, као човека који зна то осудити, да ме уобщте извѣстите о найновимъ одношaimа међу **Аустријомъ** и **Црном-Горомъ** и ели **Аустрија** у **Мирку** прїателя признала у ствари или по форми. ¶

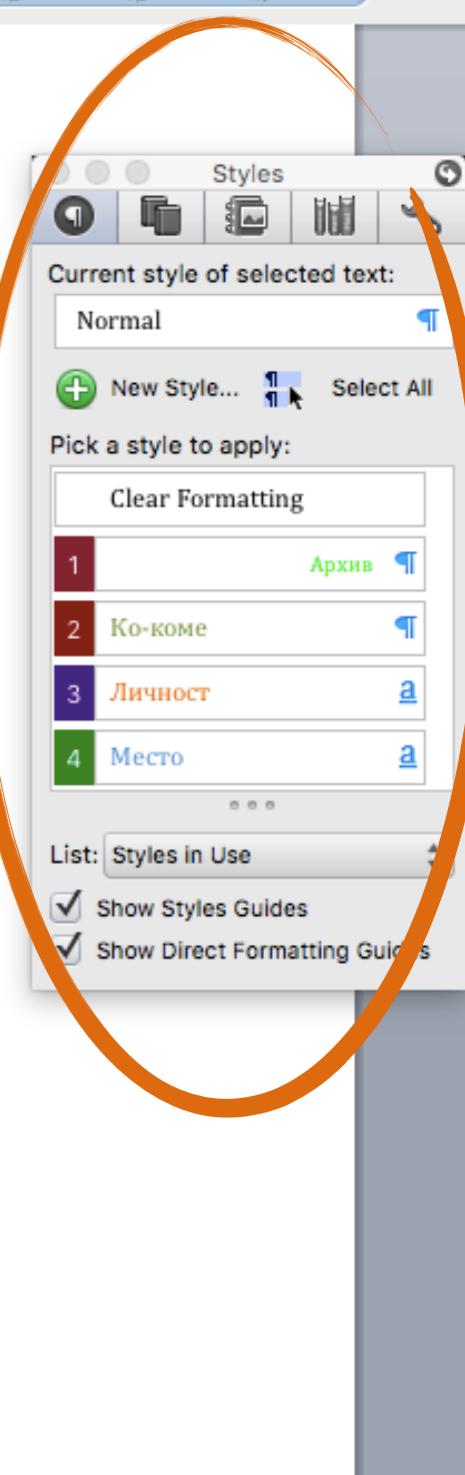
Поздравите ми Вашу Госпођу Супругу, Госпођу ћерку **Вашегъ Г. Сина** и Малога **Јанка**. ¶

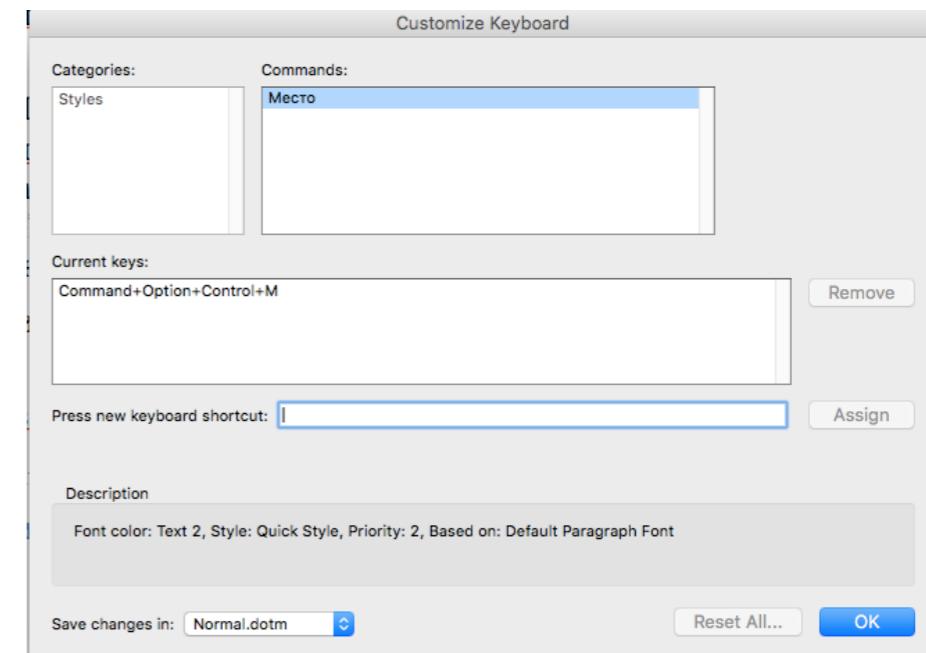
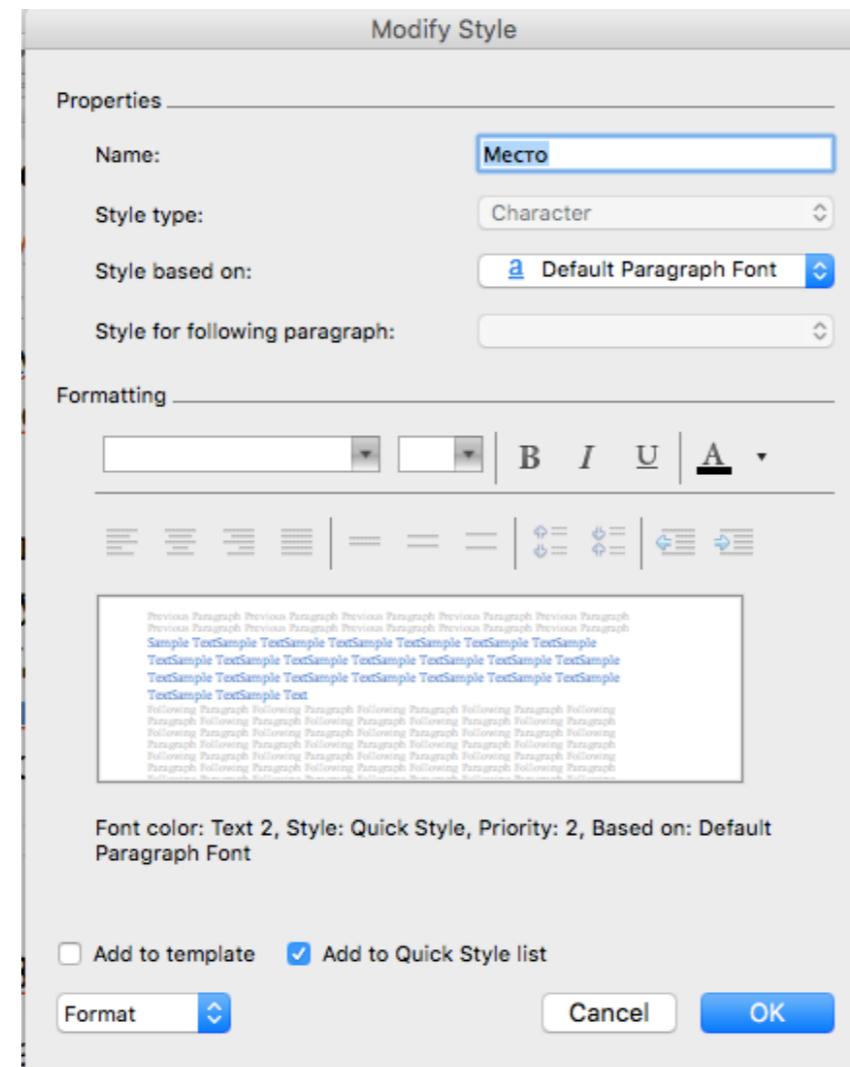
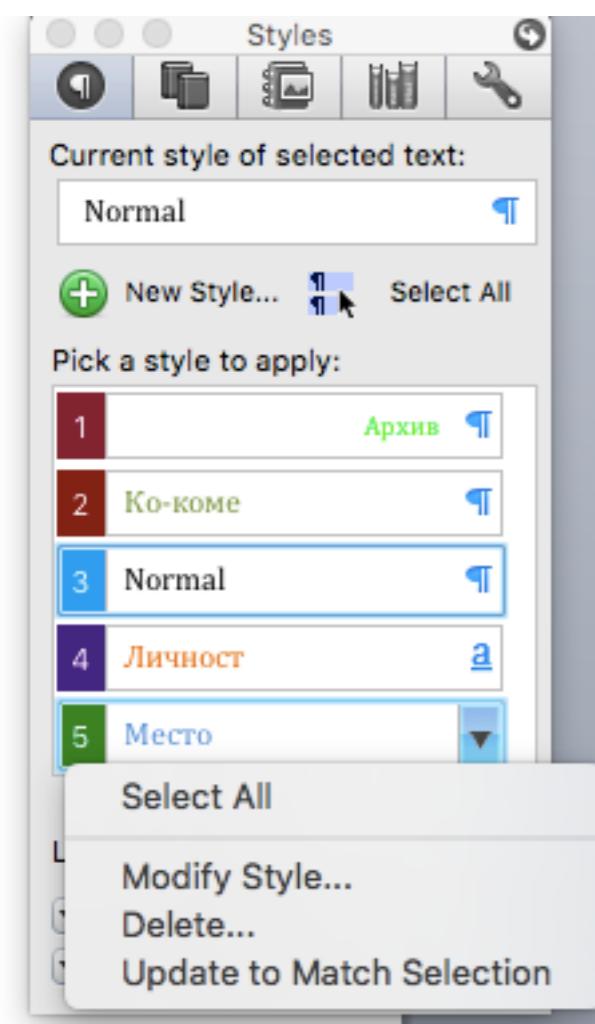
Остаem очекиваюћи Вашъ скори одговор. ¶

Вашъ найвећи почитатель **S. Radonić**. ¶

P.S. Я самъ у Вићенци Cavalerie equitation исти. ¶

ACANU, 8273/2. ¶





# Create and modify styles

Don't forget to add shortcuts

**I have a properly styled  
Word document. What  
next?**

# Transform your Word file to TEI using OxGarage

<http://www.tei-c.org/oxgarage/>

www.tei-c.org/oxgarage/#

# Text Encoding Initiative < Text Encoding Initiative >

## OxGarage Conversion

Choose the file, upload images and press convert

Select file to convert: [?](#)

Upload images: [?](#)  
You can upload image files and .zip files containing images

+ Show advanced options [?](#)

Convert Reset

Convert from: [?](#)

Documents

- Cocoa tagging
- Compiled TEI ODD
- DocBook Document
- Markdown tagging
- Microsoft Word (.doc)
- Microsoft Word (.docx)
- ODD Document
- OpenOffice 1.0 Text (.sxw)
- OpenOffice Text (.odt)
- Plain Text (.txt)
- Rich Text Format (.rtf)
- TCP XML Document
- TEI P4 XML Document

Convert to: [?](#)

- Comma-Separated Values (.csv)
- DocBook Document
- ePUB
- LaTeX
- Markdown tagging
- Microsoft Word (.doc)
- National Library of Medicine (NLM) DTD 3.0
- OpenOffice 1.0 Text (.sxw)
- OpenOffice Text (.odt)
- PDF
- Plain text
- RDF XML
- Rich Text Format (.rtf)
- TEI P5 XML Document



K.SR.xml x johnson.tagged.xml\* x Untitled2.xml\* x Untitled4.xml\* x Untitled6.xml\* x Untitled7.xml\* x cdhn\_tei\_dictionaries\_simplified.xml x testWordStyles.xml\* x

```

<text>
  <body>
    <p rend="Ко-коме">&lt;header n="17" from="СТЕФАН РАДОНИЋ" to="ВУКУ КАРАЦИЋУ"
       where="Вићенца" date="30" month="јануар" year="1863"/&gt; </p>
    <p><hi rend="Место">Vicenza</hi> 18/28[!] 63 </p>
    <p>Почитаєми Господине! </p>
    <p>Долазакъ мoga уяка <hi rend="Личност">Мирка Петровића</hi> у <hi rend="Место"
       >Бечу</hi> млого ме зачудio и немогу пропустити Васъ молити да ми одъ прилике
       кажете што се збори: єли успѣо у нѣговимъ намѣрама єли се задоволяњъ вратio и
       найвише єли се дефинитивно помирio С' <hi rend="Место">Аустріомъ</hi> за вазда или
       само докъ се поврати у <hi rend="Место">Црну-Гору</hi>. </p>
    <p>Ово су ствари Господине коє не само да ме интересираю него одъ части и Будућностю
       мојомъ у прављаю па за то и долазимъ Васъ молити, као човека кои зна то осудити, да
       ме уобщте извѣстите о найновимъ одношaima међу <hi rend="Место">Аустріомъ</hi> и <hi
       rend="Место">Црном-Горомъ</hi> и єли <hi rend="Место">Аустрія</hi> у <hi
       rend="Личност">Мирку</hi> пріятеля признала у ствари или по форми. </p>
    <p>Поздравите ми Вашу Госпођу Супругу, Госпођу Ђерку Вашегъ Г. Сина и Малога <hi
       rend="Личност">Јанка</hi>
    </p>
    <p>Остаєм очекиваюћи Вашъ скори одговор </p>
    <p>Вашъ найвећи почитатель <hi rend="Личност">S. Radonić</hi>
    </p>
    <p>P.S. Я самъ у <hi rend="Место">Вићенци</hi> Cavalerie equitation исти </p>
    <p rend="Архив">АСАНУ, 8273/2. </p>
  </body>
</text>
/TEI>

```

# What do you get?

<hi rend="person">Paris Hilton</hi>

<hi rend="place">Paris </hi>

# XSLT

```
<xsl:template match="tei:hi[@rend='person']">  
  <xsl:element namespace="http://www.tei-c.org/ns/1.0" name="person">  
    <xsl:apply-templates select="node()" />  
  </xsl:element>  
</xsl:template>
```

<hi rend="person">Paris Hilton</hi>

<person>Paris Hilton</pesron>

**XML brackets give me  
itchy eyes. Do you have  
a solution for me?**

# Author View

1. ▶ **ма** 4 и ▶ **ма** 4 , ▶ **маа** 4 ▶ ▶ **M.** 4 4 ▶ ретко се може чути у зависним падежима: ▶ ▶ **По једân** ▶ **mä.** 4 4 ▶ ▶ **БМ.** 4 4 4 – ▶ ▶ **Двâдесет** ▶ **mä.** 4 4 ▶ ▶ **БМ.** 4 4 4 – ▶ ▶ **Јëднак, Ѳд** ▶ **ма.** 4 4 ▶ ▶ **Мир.** 4 4 4 – ▶ ▶ **Једа** ▶ **mâ** 4 (т.ј. једном). 4 4 4 – ▶ **У В. З.** ▶ ▶ **mä** 4 (**mâ**), **mää**, 4 **у RJA.** 2. ▶ ▶ **mâh** 4 , **mâha** 4 **м.** 4

2. ▶ **mä** 4 , ▶ кад се ваби пас каже се: ▶ ▶ **куци** ▶ **mä** 4 4 4 и ▶ ▶ **кути** и **кут** ▶ **mä.** 4 4 4 4 – ▶ **У RJA.** 4. ▶ **mâ** 4 **узв.** 4

▶ **маâла** 4 , ▶ **e** 4 ▶ ▶ **ж.** 4 4 – ▶ **У В.** ▶ **mäala** 4 **ж., у RJA.** ▶ **mâhala** 4 **ж.** 4: ▶ ▶ **Отйшла по** ▶ **маâле.** 4 4 4 – ▶ ▶ **У** ▶ **маâлу** 4 **ми вальâ йс да** **трâжим.** 4 4 4 ▶ ▶ **Арап.** 4 ▶ **mahalle** 4 **им.** 4 ▶ ▶ **одељак** **вароши** **који** **обично** **има** **своју** **џамију** **и** **имама.** 4 4

▶ **маâлац** 4 , ▶ **маâлца** 4 ▶ ▶ **M.** 4 4 ▶ ▶ **који је житељ** **једне махале** и ▶ **маâлка** 4 4 4

—  
▶ **маâлка** 4 , ▶ **e** 4 ▶ ▶ **ж.** 4 4 ▶ ▶ **житељка** **једне махале:** ▶ ▶ ▶ **Горњо** ▶ **маâлци** 4 **се посвâдили** **сас** **долњо** ▶ **маâлце.** 4 4 4 – ▶ ▶ **Чарши** ▶ **маâлке** 4 **ни досâдijше.** 4 4 4 – ▶ **У В.** **и** **у RJA.** **н.** 4

▶ **маâлски** 4 , ▶ **a** 4 , ▶ **o** 4 ▶ ▶ **присв. прид. од** ▶ **маâла** 4: ▶ ▶ ▶ **Овâ** ▶ **маâлска** 4 **ни дёца** **зâвор** **дâдоше.** 4 4 4 – ▶ **У В.** **и** **RJA.** **нема.** 4

Изглед из 4 | Над 6 брз 4 4 4 4 4 4 Ово што се може да пошто узди

# Surround with: Select word(s), press enter

The screenshot shows the oXygen XML Editor interface with the following details:

- Title Bar:** Dubrovnik.xml [/Users/ttasovac/Development/raskovnik-xml/trunk/dubrovnik/Dubrovnik.xml] - <oXygen/> XML Editor (Academic use only)
- Toolbar:** Includes standard file operations (New, Open, Save, Print) and XML-related tools (XPath 2.0, Execute XPath on Current File, Styles, JOIN, SPLIT).
- Outline View:** Shows the XML structure with nodes like TEI, text, body, div, entryFree, sense, and def.
- Content Area:** Displays the XML text content in a multi-colored syntax highlighting style. A tooltip is visible over the word "раштијо", providing information about abbreviations and their expansions.
- Attributes View:** Shows attributes for the selected element, such as def, ana, cert, change, copyOf, corresp, dcr:datcat, dcr:valueDatc, exclude, expand, facs, location, mergedIn, n, and next.
- Surround with Context Menu:** A context menu titled "Surround with" is open, listing options like abbr, add, addName, addSpan, address, affiliation, select, source, split, style, synch, value, xml:base, xml:id, xml:lang, and xml:space. The "abbr" option is currently selected.
- Bottom Navigation:** Buttons for Text, Grid, Author, XPath/X, Model, and Attributes.
- Bottom Status Bar:** Shows "Description - 20 items" and a list of item types: type="main", type="main", type="main", n="1" type="main", type="main", n="1" type="main".
- Bottom Resource List:** A table showing the XPath location, resource, and system ID for each item.

# Edit attributes: Select (or place cursor), alt-enter

The screenshot shows the oXygen XML Editor interface. The main window displays an XML document with text in a Slavic language, likely Old Church Slavonic. A context menu is open over a specific word, with the 'Edit Attributes' option selected. This has brought up a small dialog box titled 'Edit Attributes' with the following details:

- Element: foreign
- Name: `xml:lang`
- Value: `it`

Below the dialog, there is an 'OK' button. In the background, the XML code for the word is visible, showing its definition and various forms. To the right of the main editor area, there is a sidebar titled 'Attributes' which lists several XML attributes and their values, such as `xml:lang="it"`, `ana`, `cert`, etc.

**I am no longer allergic to XML  
brackets. What can I do in  
oXygen to make my work more  
productive?**

# Remember all that stuff we downloaded

- Go to johnson folder in your personal folder in your local working copy (the one you copied earlier today)
- Click on johnson.xpr
- Open Johnson.todo.xml

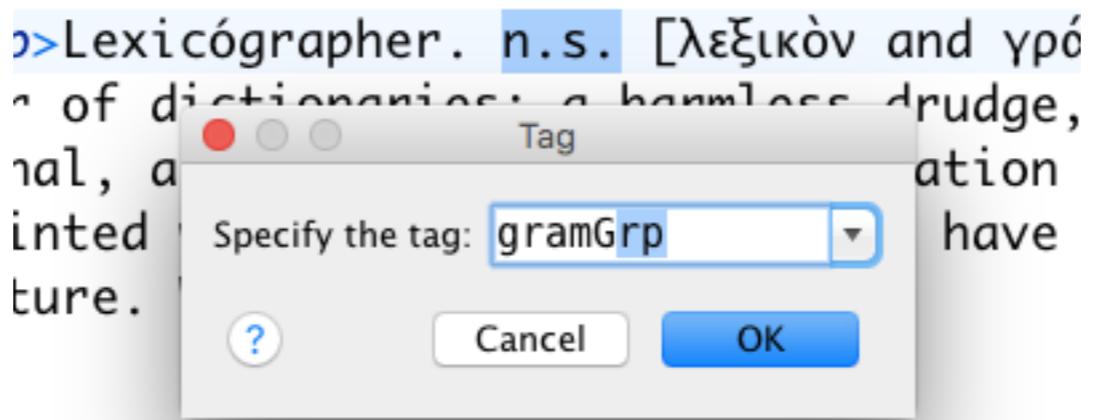
# Now try to do it in TEI

LEXICO'GRAPHER. n.s [λεξικόν and γράφω ; *lexicographe*, Fr.] A writer of dictionaries ; a harmless drudge, that busies himself in tracing the original, and detailing the signification of words.

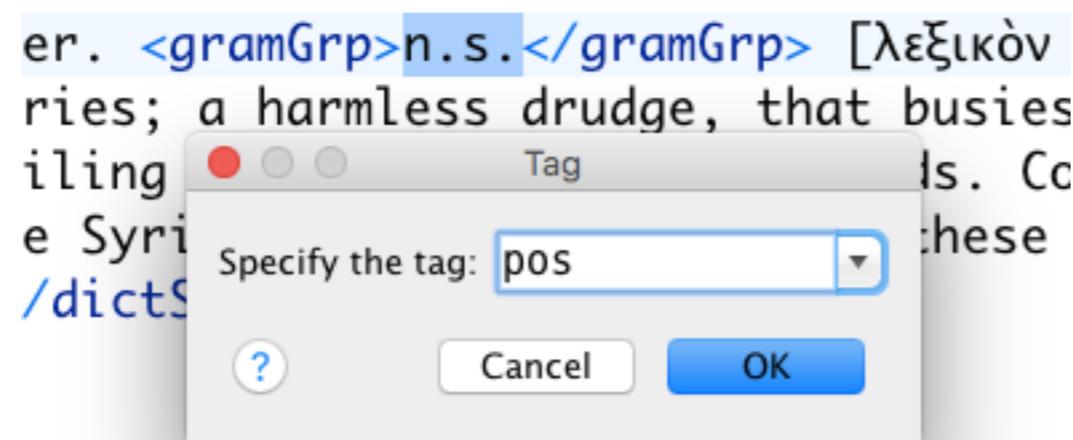
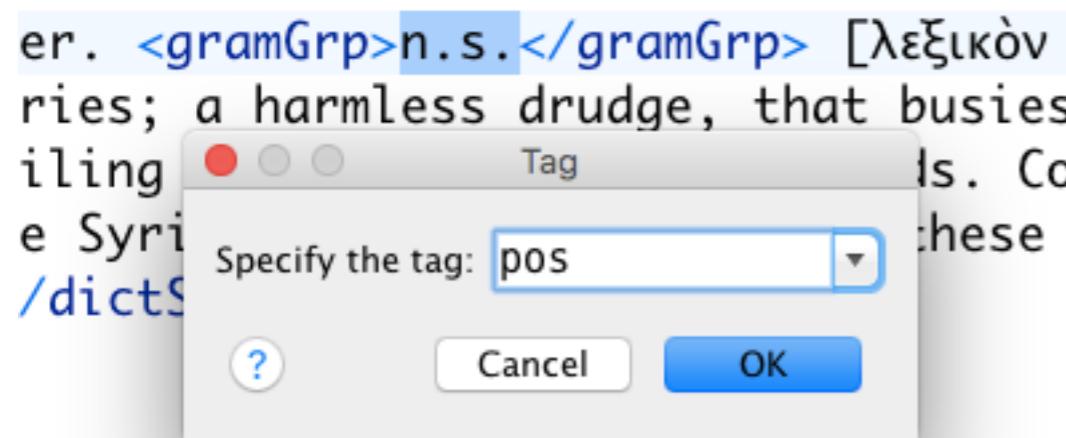
Commentators and *lexicographers* acquainted with the Syriac language, have given these hints in their writings on scripture. *Watts.*

# Default shortcuts

⌘-E / ctrl-E surrounds the selected text with tags



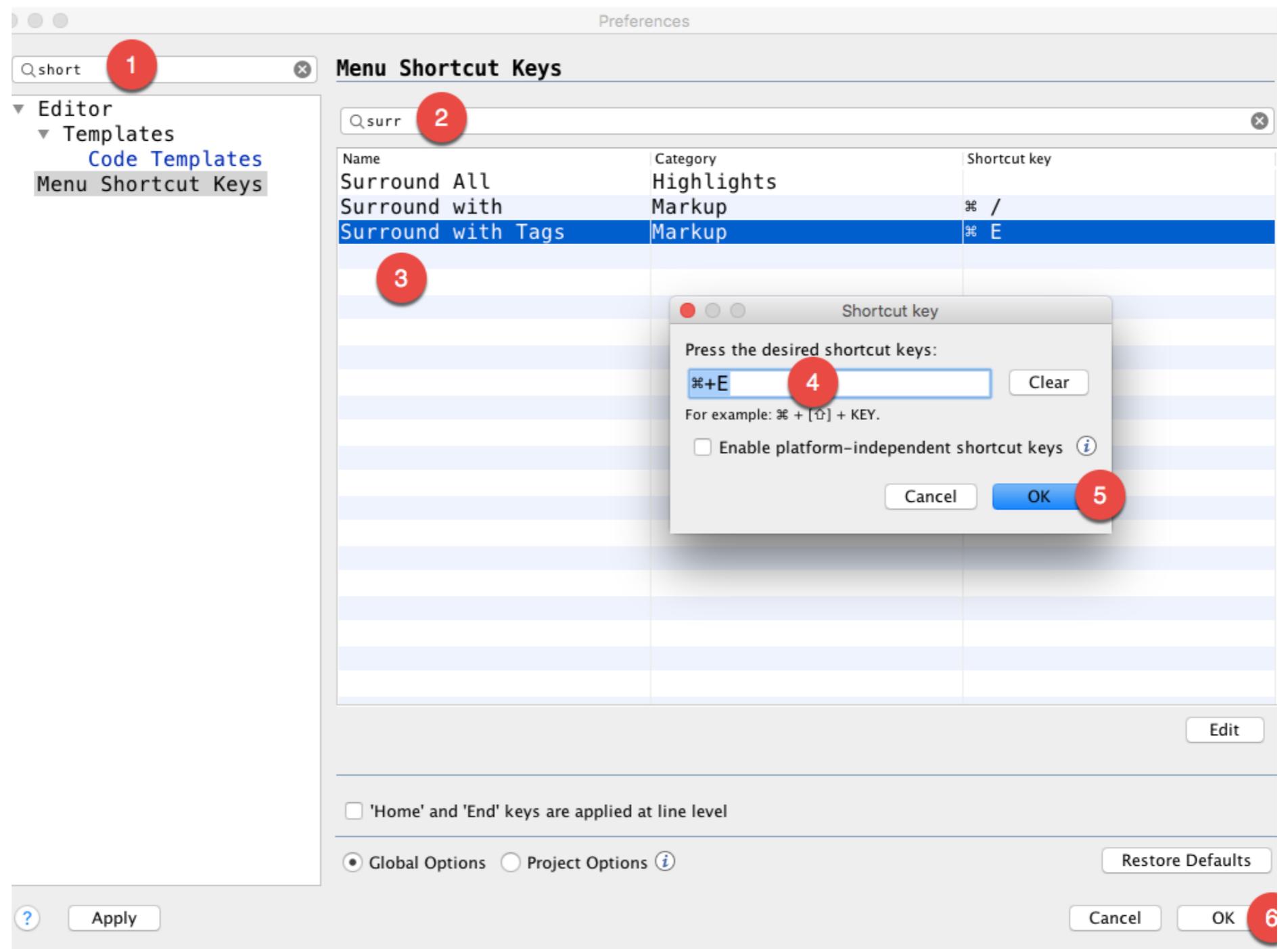
# Nested elements? Start from the outer elements



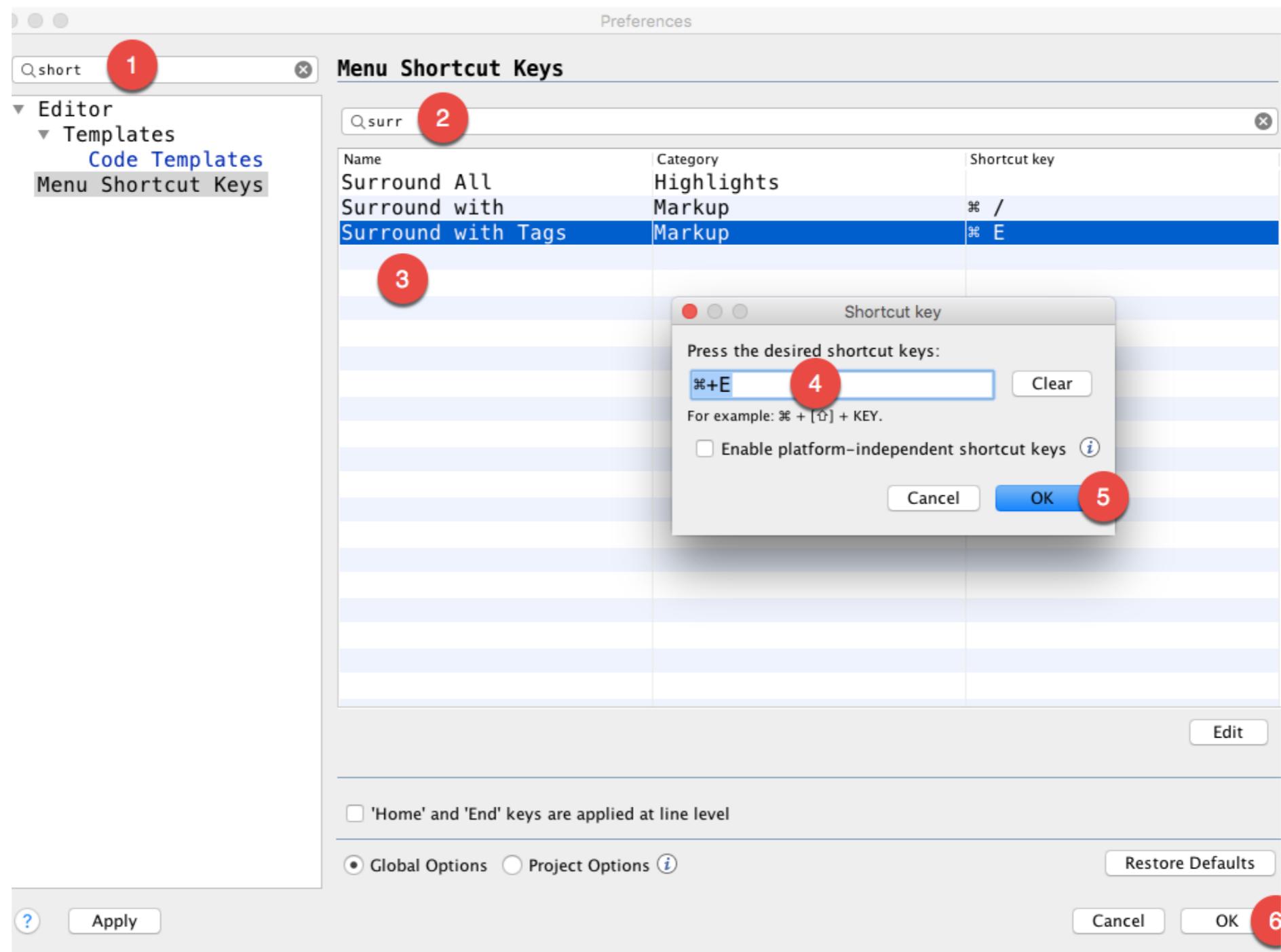
```
<gramGrp><pos>n.s.</pos></gramGrp>
s; a harmless drudge, that busies
hing the signification of words. Comme
yriac language, have given these hin
ctScrap>
```

**I'm a rebel at heart. I hate  
predefined shortcuts. I  
want my own.**

# Customize shortcuts



# Global vs. project options?



# Other shortcuts

- **Surround with last tag used:** command + ForwardSlash (Mac) / Ctrl + ForwardSlash (Windows)
- **Delete element tags:** Alt + Command+ X on Mac / Alt + Shift + X on Windows
- **Join elements:** Alt + Command J on Mac / Alt + Shift + J on Windows
- **Split element:** Ctrl + Alt + D on Mac / Alt + Shift + D on Windows

**This is actually not terribly  
efficient. I want to insert  
nested code in one go.**

# XML and TEI are verbose

```
<form type="lemma"><orth></orth></form>  
  
<gramGrp><pos></pos></gramGrp>  
  
<cit type="translation"><quote></quote></cit>
```

# oXygen Code Templates come to rescue



Preferences

Editor / Templates / Code Templates

Editor Templates Code Templates Document Templates Menu Shortcut Keys

Name	Editor	Description	Shortcu...
<input checked="" type="checkbox"/> cont	XSL Editor	CONTAINS.	
<input checked="" type="checkbox"/> cos	XSL Editor	Copy-Of-Select.	
<input checked="" type="checkbox"/> ct	XSL Editor	Copy-Template.	
<input checked="" type="checkbox"/> ctn	XSL Editor	Call-Template-Name.	
<input checked="" type="checkbox"/> ctnwp	XSL Editor	Call-Template-Name-With-Param.	
<input checked="" type="checkbox"/> cwt	XSL Editor	Choose-When-Test.	
<input checked="" type="checkbox"/> cwto	XSL Editor	Choose-When-Test-Other...	
<input checked="" type="checkbox"/> dos			
<input checked="" type="checkbox"/> en			
<input checked="" type="checkbox"/> f			
<input checked="" type="checkbox"/> f...			

Code template

Name: ctnwp

Description: Call-Template-Name-With-Param.

Associate with: XSL Editor

Shortcut key:

Enable platform-independent shortcut keys i

Content:

```
<xsl:call-template name="${caret}">
    <xsl:with-param name="" select="" />
</xsl:call-template>
```

Preview

```
<xsl:call-template name="${caret}">
    <xsl:with-param name="" select="" />
</xsl:call-template>
```

?

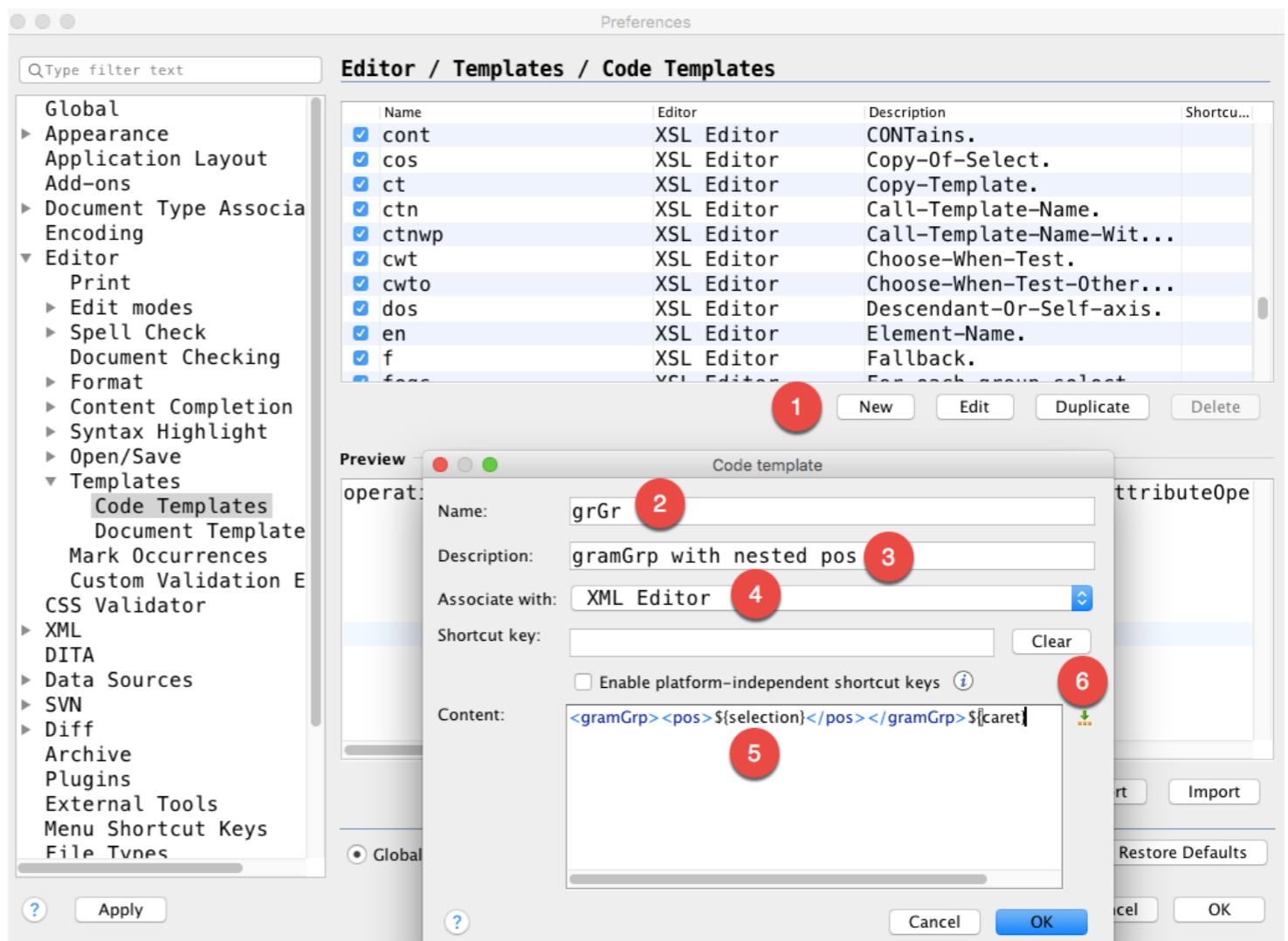
Cancel OK Export Import

Global Options Project Options i Restore Defaults

?

Apply Cancel OK

1. Click on New in the Code Templates Editor.
  2. Enter the abbreviate name for our code template
  3. Enter the description which explains what the code template does
  4. Associate the code template with an editor - for TEI always choose XML
  5. Write the XML code we want to have in the template in the Content field, then place the cursor between where we want the selected text to appear
  6. Click on the little green arrow next to the Content field to select an editor variable choose the “Current Selected Text”
  7. Then repeat the last two steps to indicate where you want the caret to appear after your code has been inserted: in this particular case, place the caret after in the Content field and then select the Cursor position after insert from the list of editor variables.
  8. Finally click OK to save your code template



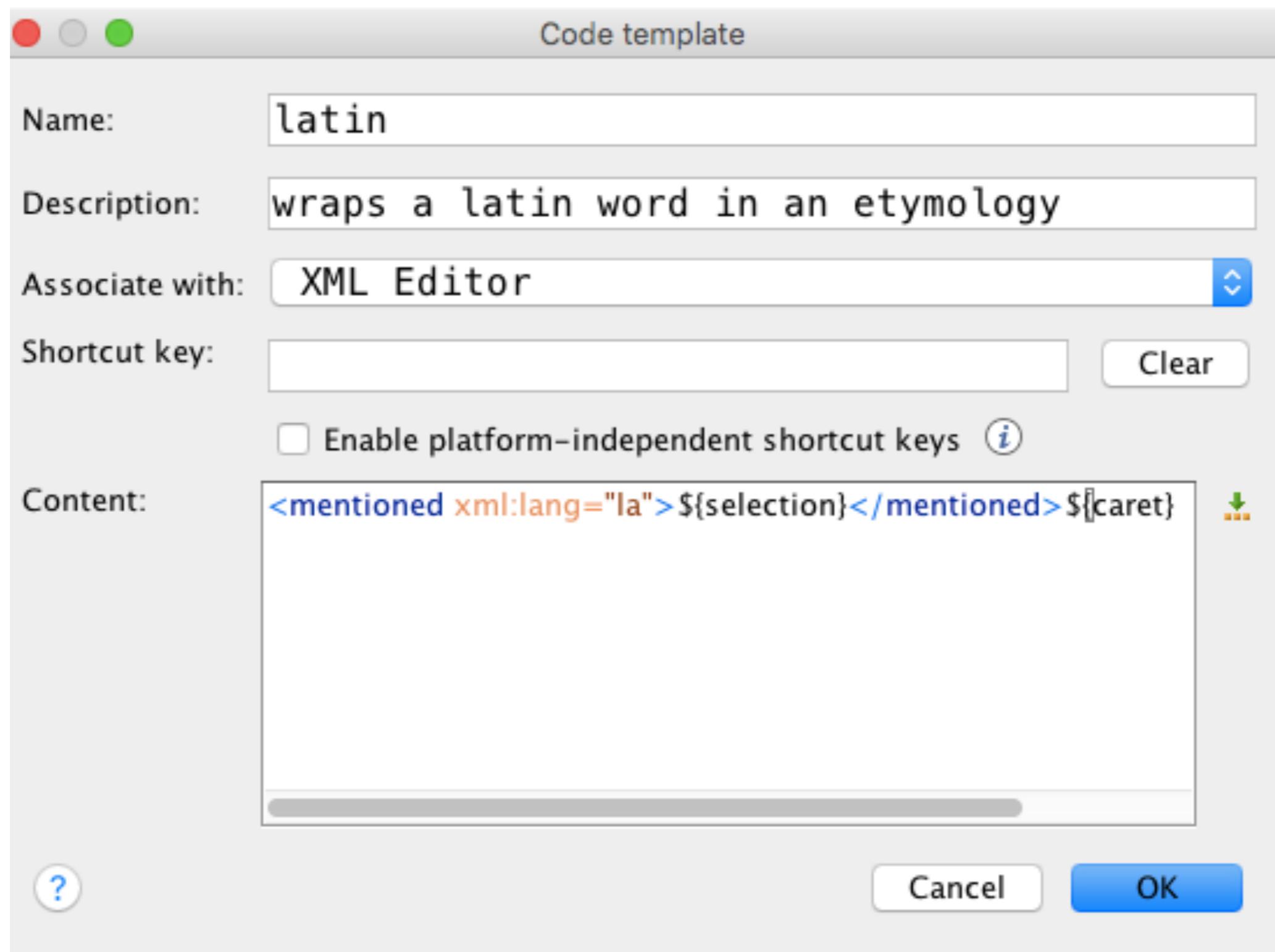
```
<gramGrp><pos>${selection}</pos></gramGrp>${caret}
```

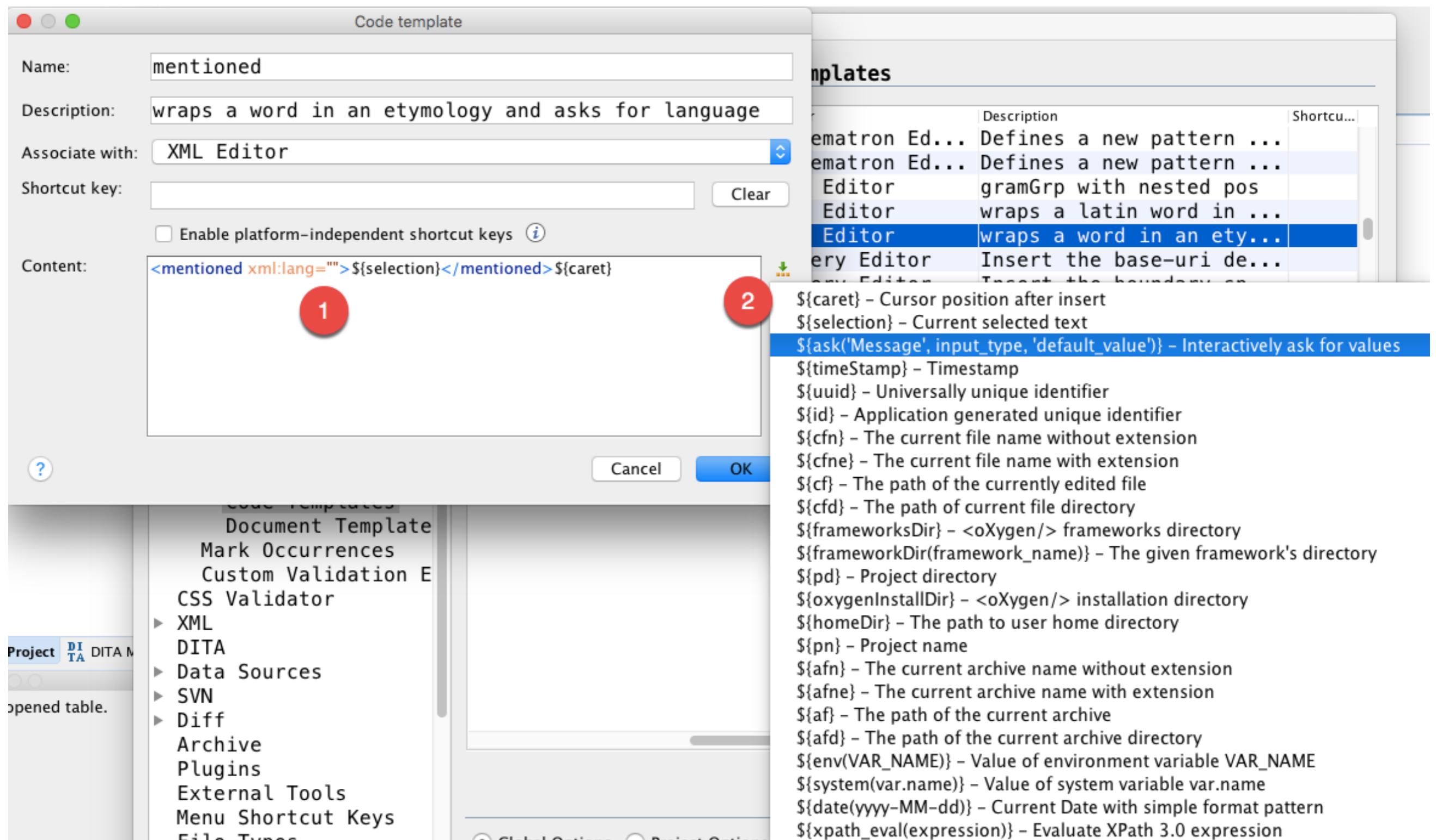
**Ctrl-Space** (control space)  
to call the template

'apher. n.s. [λεξικὸν and γράφω; lexicographe, French lexicographes;  grGr] gramGr with nested pos detailing the signs in the Syriac language.  s. `</dictScrap>`  <gramGr><pos>\${selection}</pos></gramGr>\${caret}

'ies; a harmless drudge, that busies himself  
ling the signification of words. Commentato  
e Syriac language, have given these hints in  
[dictScrap](#)

**This is too simple. What  
about repeated code with  
different attribute values?**







## Code template

Name:

mentioned

Description:

wraps a word in an etymology and asks for language

Associate with:

XML Editor



Shortcut key:

Clear

 Enable platform-independent shortcut keys 

Content:

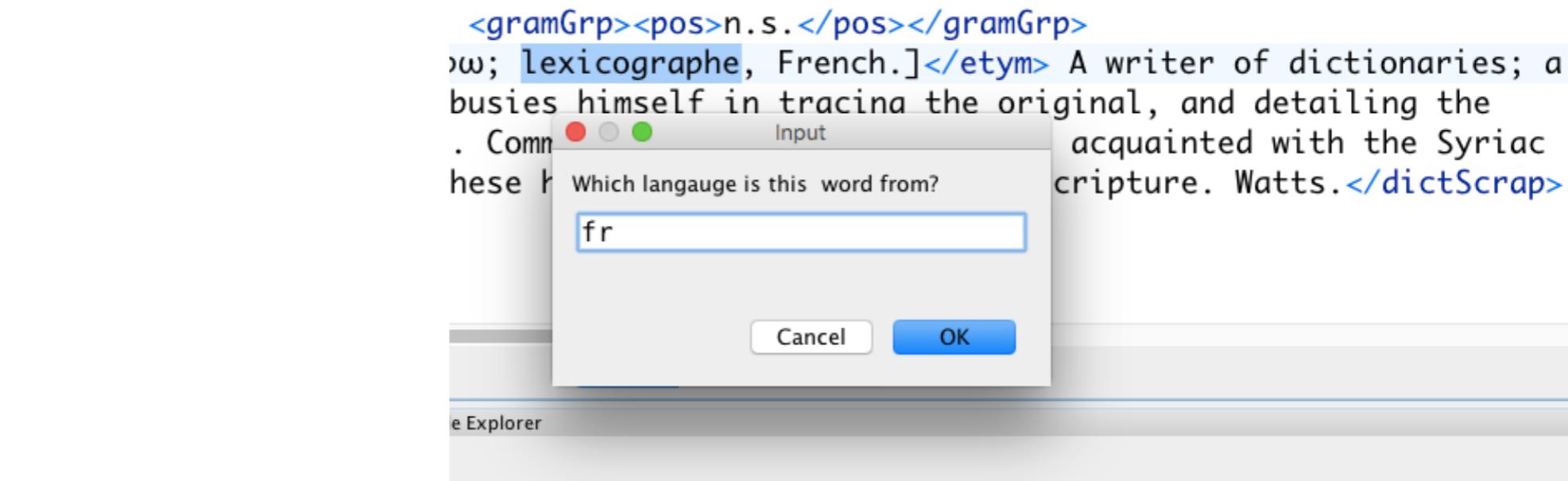
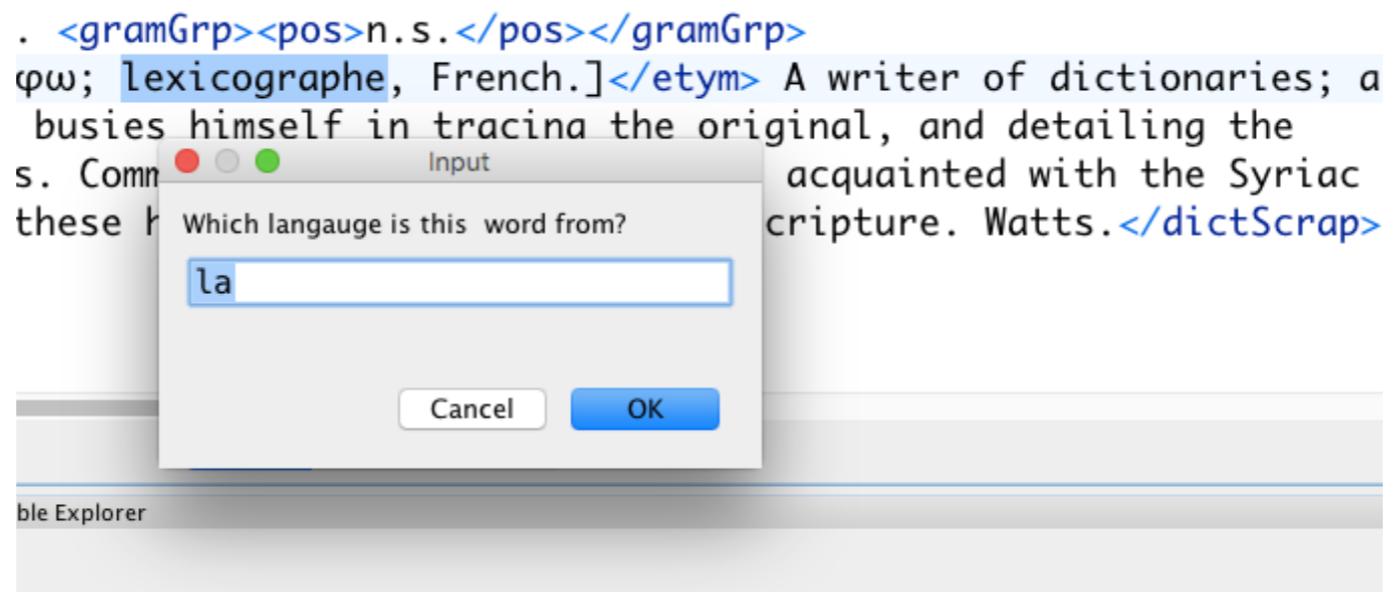
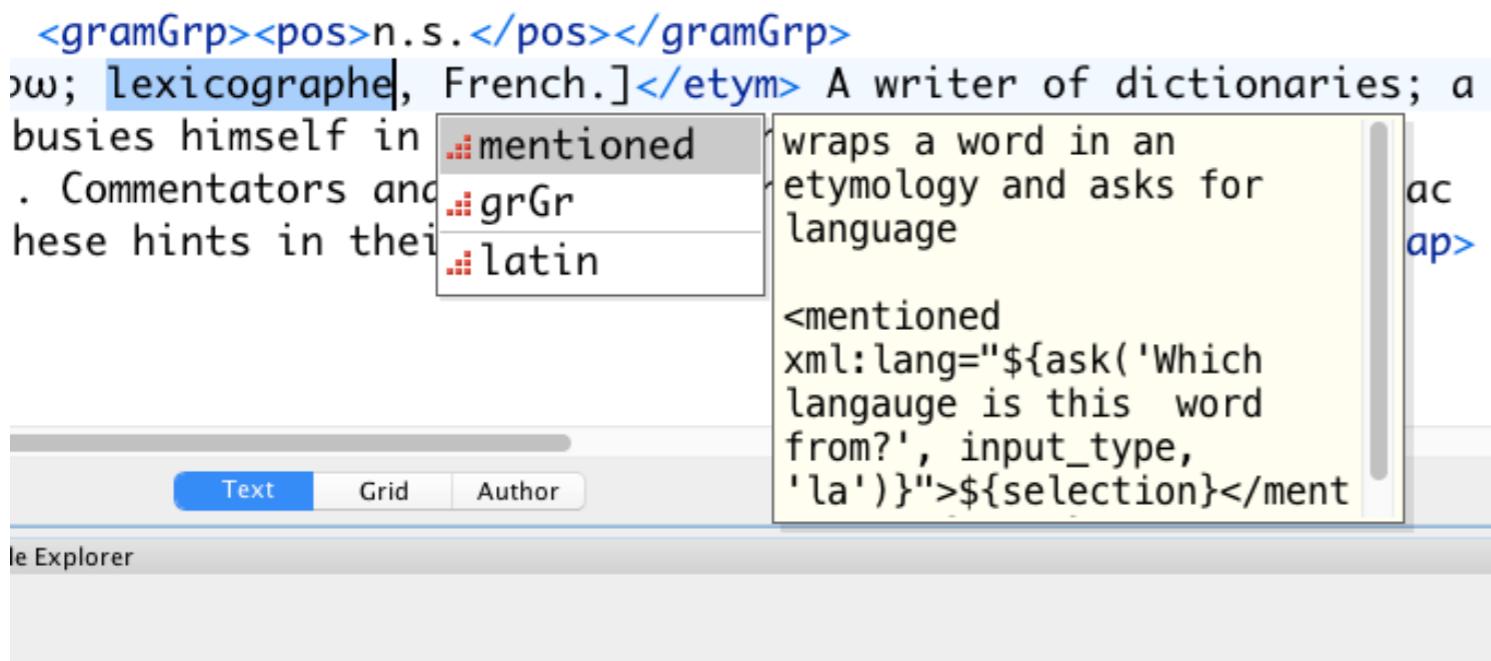
&lt;mentioned xml:lang="\${ask('Message', input\_type, 'default\_value')}"&gt;\${selection}&lt;/mentioned&gt;\${caret}



Cancel

OK

```
<mentioned xml:lang="${ask('Which language is  
this word from?', input_type, 'la')}">${selection}</  
mentioned>${caret}
```



<gramGrp><pos>n.s.</pos></gramGrp>  
ω; mentioned xml:lang="fr">lexicographe</mentioned>, French.  
busies himself in tracing the original, and detailing the  
. Commentators and lexicographers acquainted with the Syriac  
these hints in their writings on scripture. Watts.</dictScrap>

**This is still simple. I  
want smart code  
templates.**

реч, f. das Wort, verbum.

```
<entry>
<form><orth>реč</orth></form>
<gramGrp><pos>f.</pos></gramGrp> das Wort, verbum. </entry>
```

Code template

Name: tr-de-la

Description: marks up German and Latin comma-separated translations

Associate with: XML Editor

Shortcut key:  Clear

Enable platform-independent shortcut keys [i](#)

Content:

```
<cit type="translation">
    <quote xml:lang="de">${xpath_eval(substring-before('${selection}', ','))}</quote>
</cit>
<cit type="translation">
    <quote xml:lang="la">${xpath_eval(substring-after('${selection}', ','))}</quote>
</cit>
```



Cancel

OK

das Wort, verbum. </entry>

■ tr-de-la  
■ grGr  
■ latin  
■ mentioned

cted the element end-tag or element

Text

Grid

Author

Table Explorer

marks up German and Latin comma-separated translations

```
<cit type="translation">
    <quote
xml:lang="de">${xpath_eval(substring-before(
'${selection}', ', '))}</quote>
</cit>
<cit type="translation">
    <quote
xml:lang="la">${xpath_eval(substring-after('
${selection}', ', '))}</quote>
</cit>
```

```
-->
<entry>
    <form><orth>peč</orth></form>
    <gramGrp><pos>f.</pos></gramGrp>
    <cit type="translation">
        <quote xml:lang="de">das Wort</quote>
    </cit>
    <cit type="translation">
        <quote xml:lang="la">verbum</quote>
    </cit>. </entry>
</body>
</text>
TEI>
```

# Customization Bonanza

- Style your XML with CSS
- Localize your TEI elements
- Use Word styles if you have to + OxGarage
- Use default oXygen shortcuts
- Make your own oXygen shortcuts
- Create your own oXygen code templates
- Learn xPath!

# Want to send us your changes?

The screenshot shows a GitHub repository page for the "Data space of the DARIAH Lexical Resources Working Group". The page includes a navigation bar with links for Code, Pull requests (0), Projects (0), Wiki, Insights, and Settings. Below the navigation is the repository name and a link to its website (<https://dariah-eric.github.io/lexical...>). A red arrow points to the text "This branch is 3 commits ahead of DARIAH-ERIC:master." A red circle highlights the "Pull request" button in the top right corner of the main content area.

Manage topics

226 commits 2 branches 0 releases 5 contributors BSD-2-Clause

Branch: master ▾ New pull request Create new file Upload files Find file Clone or download ▾

This branch is 3 commits ahead of DARIAH-ERIC:master. ↗ Pull request Compare

ttasovac added johnson and word2TEI Latest commit 23f0008 7 minutes ago

File	Commit Message	Time Ago
Data	Added new folder for TEI-Lex0 Etymology examples README	a month ago
Events	added johnson and word2TEI	7 minutes ago
Resources	First ODD for TEI Lex 0 (hurray)	5 months ago
Schemas/TEILex0	test stuff	15 hours ago
docs	Revert "Update Gemfile"	14 hours ago
.gitignore	rm temp ppt	a year ago
LICENSE	Initial commit	a year ago
README.md	misc	3 months ago

README.md

## About

The DARIAH-ERIC Working Group "Lexical Resources" explores, assesses and recommends standard tools and methods for the creation, application and dissemination of born-digital and retro-digitized lexical resources (dictionaries, lexicons,

 **DARIAH-ERIC / lexicalresources**

Watch 15 ⚡ Star 6 Fork 5

Code Issues 25 Pull requests 1 Projects 1 Wiki Insights

## Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base fork: DARIAH-ERIC/lexicalresources · base: master ← head fork: Nikodije/lexicalresources · compare: master

✓ Able to merge. These branches can be automatically merged.

**Create pull request** Discuss and review the changes in this comparison with others. [?](#)

-o 3 commits  9 files changed  0 commit comments  2 contributors

 Commits on Dec 05, 2018

-  **Nikodije** Merge pull request #1 from DARIAH-ERIC/master ...  c5d95e3
-  **Nikodije** Merge pull request #2 from DARIAH-ERIC/master ...  67f9fcf
-  **ttasovac** added johnson and word2TEI 23f0008

 Showing 9 changed files with 167 additions and 0 deletions. [Unified](#) [Split](#)

20  Events/LexMC2018/Participants/Nico, the XML Dog/Word2TEI/ConvertWordStyles.xsl [Copy path](#) [View file](#) 

```
...     ... @@ -0,0 +1,20 @@
1    + <?xml version="1.0" encoding="UTF-8"?>
```

[Code](#)[Issues 25](#)[Pull requests 1](#)[Projects 1](#)[Wiki](#)[Insights](#)

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



base fork: DARIAH-ERIC/lexicalresource...

base: master ▾



head fork: Nikodije/lexicalresources

compare: master ▾

✓ **Able to merge.** These branches can be automatically merged.



Changes from Nico, the XML Dog

[Write](#)[Preview](#)

Leave a comment

Attach files by dragging &amp; dropping, selecting them, or pasting from the clipboard.

 Allow edits from maintainers. [Learn more](#)[Create pull request](#)

# Thank you for bearing for me

If any part of this presentation was interesting to you,  
then you, too, are a nerd