

<https://mith.us/romajs/>

## RomaJS early testing prompts for the TEI Council

### Part 0: Unprompted possible problems

**SB:** The settings fields for “Language of elements and attributes” and “Documentation Language” need better descriptions, if not better names. Also, I’m worried that in some aspects the two might be being reversed. I set “Language of elements and attributes” to 日本語 and “Documentation Language” to Español. The saved customization had a `schemaSpec/@targetLang` of “ja” and a `schemaSpec/@docLang` of “es”. As far as I know, the `schemaSpec/@targetLang` of a customization ODD does not **do** anything. I am not sure of that, but quick tests do confirm it.

One feature that Roma has that RomaJS currently lacks, and probably should continue to lack through version 1.0, is the ability to change the language *of the Roma interface itself*.

**SB:** [Note: sent e-mail on this issue.] The request for Spanish, above, seems to be quite sticky. It’s now over an hour and half a dozen ODDs later (ODDs which were either chosen from the list, or when uploaded specify `docLang="en"` explicitly), and my glosses and descriptions are still in Spanish, even on another computer.

**MS:** When I want to select a preset with the mouse, the dropdown disappears (Firefox 66.0.2 and Chrome 73.0...). The selection does only work with the arrow keys.

MS: I tried to remove the `tei` module and the warning is very convenient. I wonder if an additional warning for the modules `tei`, `header`, `core`, and `structure` would be useful, saying that if you delete them it is no longer a valid TEI document.

### Part 1: Prompts

Please write your findings after each prompt. If you add initials to your replies I’ll be able to follow up, but feel free to be anonymous (as far as Google Docs allows) if you want.

In addition, you can also open issues on [GitHub](#). If you do, please make sure there are no duplicates.

NB. I’m suggesting to check ODD and RNG export after most operations. Feel free to do a few operations and then check the exports instead.

***There are a lot of prompts. Feel free to jump around and only do a few. Thank you for your help!!***

#### Load an ODD

If you are trying to upload an ODD and it doesn’t work or works incorrectly, add a link or [upload the ODD here](#).

*Known issues:*

1. *OxGarage will fail if an ODD includes images; SimplePrint and JTEI both do, so they are currently excluded from the preset list.*
2. *RomaJS will not handle an ODD with RELAX NG or @source.*

SB: Tested with a tiny ODD that adds a single element; worked fine.

MS: Save customization saves a .odd, which makes me very happy!

### Search for an element

SB: Seems to work fine. I think the “Match full word” capability is a good thing to have, but I for one had no idea that was what that icon meant. Luckily, there’s a mouse-over, so I found out soon enough. But after playing for a few moments I quickly forgot whether blue means full words and grey means partial, or vice-versa. Perhaps mouse-over should say “Match full words — click to match partial words” and “Match any string — click to match only full words” or some such.

Should dot be considered a word separator for searches? I.e., should “global” give me att.global, att.global.analytic, att.global.source, etc., when searching attributes and matching full words?

I really like the ability to sort by module vs sort alphabetically. Might want to be able to see only selected (in schema) or unselected (out of schema) items.

### Select elements, unselect elements. Check export to ODD and to RNG

SB: Worked fine for me.

MS: +1. I’m just wondering that the comment in the RNG points to version 3.5.0a from September 2018

### Search for a class

SB: Seems to work fine. Although I am becoming either less enamored of “Match full word” searching, or more convinced that dot should be a word separator. (Why should I have to type “att.” when I’m only searching in attribute classes?)

MS: works

### Select classes, unselect classes. Check export to ODD and to RNG

SB: Worked fine for me. I note that the <classSpec> elements generated do not have @module attributes. They are not required by either the TEI P5 schema or by our current ODD processing. But maybe they should be included as good documentation, anyway? (Or maybe it’s just one more thing to get wrong, so why bother.)

### Search for a datatype

SB: Worked fine for me, same dot caveat as above. And, of course, sorting by module is a bit silly, but I don't know that RomaJS should do anything differently just because all of the items shown come from 1 module.

### Select datatypes, unselect datatypes. Check export to ODD and to RNG

SB: I arbitrarily unselected all of the selected datatypes on the 1st page (i.e., certainty, count, duration.iso, duration.w3c, enumerated, language, name, namespace; interval was already deselected). The output ODD only explicitly excluded teidata.namespace. One possibility is that RomaJS was letting me unselect the blue checkbox, but was not removing a datatype that my schema actually used. But looking at the default RNC and the new RNC, the only difference is that namespace/@name is no longer defined as xsd:anyURI, but is now just text. Sorta seems like maybe those other datatypes just happened not ever to be referenced, and thus having them in or out of the schema makes no difference. Except that we know full well teidata.certainty is used globally (as part of teidata.probCert for att.global.responsibility), no?

SB: I went to include a bunch of datatypes that are probably never used, and got an error: "TypeError: \_dtSpec.parentNode is null" when I tried to download the ODD. I went back and tried one at a time — does not seem to matter which datatype I select, even adding 1 datatype causes the error. Although I tested far less extensively, same seems to be true for downloading RNC. (Makes sense: if RomaJS can't figure out what the ODD is, how will it convert it to RELAX NG?)

### Exclude a whole module. Check export to ODD and to RNG

SB: I excluded core and dutifully got a completely screwy customization.

SB: Not surprisingly, but perhaps problematically, removing a derived module had no effect whatsoever. (I daresay removal of a derived module makes no sense — the button should not even be there.)

### Include a whole module. Check export to ODD and to RNG

SB: Added msdescription. Seems to have worked just fine.

### Change an element's description (<desc>). Check export to ODD and to RNG

[SB: deferring, as they're still Spanish.]

### Add a new attribute to an element. Check export to ODD and RNG

SB: I found it a tiny bit confusing when the attr value was added and when it was just hanging around waiting to be added. No biggie.

SB: If I'm adding an attribute, shouldn't there be an easy way to add it into the namespace that was specified on the 1st page?

**SB:** I was not given an opportunity to provide glosses or descriptions for my values.

Remove an attribute only for one element. Check export to ODD and RNG

Change an attribute only for one element. Check export to ODD and RNG

Add a class membership for an element. Check export to ODD and RNG

Remove a class membership for an element. Check export to ODD and RNG

Change the content model of an element. Check export to ODD and RNG

Discard your changes to an element (ie return to the existing customization settings). Check export to ODD and RNG

Discard customization changes to an element (ie return to default TEI settings). Check export to ODD and RNG

Change a class's description (<desc>). Check export to ODD and to RNG

Add a new attribute to an attribute class. Check export to ODD and RNG

Remove an attribute from an attribute class. Check that attribute is not available on a member element. Check export to ODD and RNG

Change an attribute on an attribute class. Check export to ODD and RNG

Add a class membership for a class. Check that the class is listed under the members of the super class. Check export to ODD and RNG

Remove a class membership for a class. Check the former super class and make sure the class is not listed as a member. Check export to ODD and RNG

Discard your changes to a class (ie return to the existing customization settings). Check export to ODD and RNG

Discard customization changes to a class (ie return to default TEI settings). Check export to ODD and RNG

Change a datatype's description (<desc>). Check export to ODD and to RNG

Change a datatype's content. Check export to ODD and to RNG

Discard your changes to a datatype (ie return to the existing customization settings). Check export to ODD and RNG

Discard customization changes to a datatype (ie return to default TEI settings). Check export to ODD and RNG

Create a new element. Check export to ODD and to RNG

Create a new attribute class. Check export to ODD and to RNG

Make an existing element or class a member of the new attribute class you created in the previous prompt. Check export to ODD and to RNG

Create a new model class. Check export to ODD and to RNG

Make an existing element or class a member of the new model class you created in the previous prompt. Check export to ODD and to RNG

I performed another task, here's what went wrong

## Part 2. Reflections

What should be implemented next

What is *essential* before releasing alongside regular Roma?

Suggestions for user experience

*For example:*

- *Should the filter box only filter both by member name and module name, or just by member name?*
- *When navigating back to members list, should the latest filter and facets still be active or reset? (currently they reset)*

Any other comments