How to transform your document from XML to HTML for proofreading

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1) **"Comment out" the schema line of your document** if <oXygen/> is turning red because of validation errors in your tagging (that is, errors that are due to new xml ids that are not yet in the Site Index).

This is the schema line you're looking for at the end of the XML declaration at the beginning of your document (prior to the TEI Header):

<?xml-model href="http://ebeshero.github.io/MRMValidate.sch" type="application/xml" schematypens="http://purl.oclc.org/dsdl/schematron"?>

This is what it looks like when you "comment out" the schema line (commenting out prevents <oXygen/> from trying to validate your xml ids by comparing them against the Site Index):

<!--<?xml-model href="http://ebeshero.github.io/MRMValidate.sch" type="application/xml" schematypens="http://purl.oclc.org/dsdl/schematron"?>-->

A quick way to add the comment tag to the schema line (remember, comment tags look like this: <!--   -->) is to highlight the entire schema line, right-click it, and then choose "Toggle Comment" in the drop-down menu that appears. If <oXygen/> was red before due to validation errors only, it should now be happy and green again!

Please note: Commenting out allows you to avoid getting error messages due to validation errors, but it *won't* help you if your errors are due to xml that is poorly formed. You must fix any and all errors due to poorly formed XML before you can continue with the HTML transformation.

2) **Download the XML file that you wish to transform, along with the following three files, and SAVE ALL FOUR FILES IN THE SAME FOLDER!**
   a. MitfordLetterTransformHTML.xsl
   b. mitfordletter.css
   c. MRMLetters.js

Path to these three files in Box: Mitford Digital Archives (folder) Code and Collection Reporting & Transforming (folder) the three files listed above all live in this folder.

Please note: If you are working on a Mac, download the .xsl, .css, and .js files using **Chrome** rather than Safari. I noticed that when I was trying to download and save the .xsl file using Safari, the browser kept adding an extraneous .xml extension to the end of the file name that completely messed up the transformation.

3) **Open in <oXygen/> the XML file that you wish to transform**, and then…
    a. Open the MitfordLetterTransformHTML.xsl file in another tab in <oXygen/>.
    b. In the upper right corner of <oXygen/>, click the button that says XSLT (when you mouse over it, it should say "XSLT Debugger").
    c. In the skinny drop-down box in the upper left menu bar labeled "XML," choose the name of the XML file that you're going to transform (this will be the file name of the letter you've been editing all quarter).
    d. Just to the right of the XML box, in the skinny drop-down box labeled "XSL," choose MitfordLetterTransformHTML.xsl.
    e. Over to the right (past the Output drop-down box, which you don't need to do anything with), you will see a number of buttons. Click the one that says "HTML" (it should say "Enable XHTML Output" when you mouse over it).
    f. In the upper left, in the skinny drop-down box under the "XML" box, choose Saxon PE 9.5.1.3.
    g. To the right of the Saxon drop-down box, look for the buttons with arrows pointing to the right.
        i. Click either the biggest blue arrow pointing to the right (the one that says "Run" when you mouse over it) OR the arrow furthest to the right (the one that says "Run to end" when you mouse over it). Either will work.
    h. It may take several minutes for your transformation to take place, so be patient!
    i. When the transformation has finished, the nice-looking HTML version of your letter will appear in a third window on the right-hand side of your screen.
        i. Right-click on the nice-looking HTML version of your letter, and then save to your local folder—IT MUST BE SAVED IN THE SAME FOLDER AS THE OTHER FOUR FILES!
        ii. Give the HTML file a name that is derived from the XML file's original name. For instance, if the letter was dated Sept. 1, 1820 and addressed to Haydon, here is the name you should use when saving the HTML version of the letter:

        1820-09-01-Haydon-HTML.html

        iii. Once you've save the HTML file in the folder where all your other files are saved, you can open the HTML file in a local browser window and scan it for errors (please see proofreading guide for more instructions).
        iv. Make sure that you save the HTML version of your letter into the same folder in Box that your letter's photos and XML file are stored in. **Once you've done this, I will know that you are ready for your letter to be proofread by another editor.**