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Notes on Sibelius to XML to MEI, and also VeXFlow

A) Prepare Sibelius Files for Export to MEI

- Cut the incipit from CESR files. This is really just a single bar at the start of the piece.
- Change time signature to show 4/2, since this could be misinterpreted under the display software.
- Change the final note to show a breve.

B) Export files as MusicXML

- This can be done for an individual file, or better for a folder of files, using the Plug-In for Sibelius 7.1
- Home>Plug-ins>Export Folder as MusicXML
    - Then follow directions to select folder. Results will go in the same folder.

C) Transform MusicXML to MEI

- Open Oxygen Project supplied by Vigliante
    - mei2html5.xpr

Instructions from Vigliante

- mei2html5 for Du Chemin Project; Raffaele Viglianti December 2011
- N.B. This program uses HTML5, which will only work on browsers that support it. E.g. Firefox 6+; Chrome 11+; Opera 11+; Safari 5+.
- The music notation is engraved using VexFlow http://vexflow.com/ developed by Mohit Muthanna and extended for Du Chemin Project by Raffaele Viglianti.
- MEI is converted to VexFlow using mei2vexflow https://github.com/ironchicken/MEItoVexFlow/ developed by Richard Lewis and extended by Raffaele Viglianti.
- This is a beta version, things might not work as expected and development is still ongoing!
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- **To generate the HTML5 from a Sibelius file, follow these steps:**
- 1. Export file as MusicXML and save it in mei2html5/xml
- 2. Open the XML file in Oxygen
- 3. Select Document > Transformation > Configure Transformation Scenario, or click the icon with a wrench and a red triangle.
- 3. Select the first scenario: "1. MusicXML Partwise to Timewise" and click on Transform now.

- After a few seconds, a new file will open in Oxygen. It will be called like the source file + "_tw" at the end.
- 4. Make sure that you are looking at the new file and get to Configure Transformation Scenario again.
- Select the second scenario: "2. MusicXML Timewise to MEI" and click on Transform now.
- After a few seconds, a new file will open in Oxygen. It will be called like the source file + "_mei" at the end.
    - <RF: at this point we have MEI for each piece>
- **To Generate HTML5 from MEI**
- 5. Make sure that you are looking at the new file and get to Configure Transformation Scenario again.
- Select the third and last scenario: "3. Create HTML5 Output".
- By clicking on Tranform now, the first 4 measures of the piece will be rendered to HTML5 and a page will open in your default browser.
- To set what measure you'd like to display, click on Edit instead.
- Now click on Parameters to set the start and end measure.
- Double click on startm to enter the number of the measure you want to start from;
- or double click on endm to enter the number of last measure you want to display.
- Finally, click OK to go back to the edit window, then OK again, and finally Transform now to render MEI to HTML5.
- N.B. After having completed steps 1-4, you won't need to do them again. If you want to render different measures,
- simply follow step 5 and change the startm and endm parameters.