

Instructions for Wisconsin Museums 2 Coding Assignment

Assignment

The goal of this assignment is to create a W3C XML Schema for an XML instance document that will be provided. This new document type will hold information about museums. The instance document is available on our Weekly Schedule and is named:

lmls_wisconsin_museums_1Q2015.xml

The data for this document were extracted from the IMLS Museum Universe Data File. The entries in this document represent the many Wisconsin museums that were known to IMLS as of 1Q2015.

Your assignment is to create a W3C XML Schema based upon the document model implicit in this XML document. Further, you need to modify the XML document so that it is connected to your schema document with an `xmlns: xsi:noNamespaceSchemaLocation` attribute. While doing this assignment, you should follow the same process that I followed in the demo video where I created a W3C XML Schema for the ASIS&T student chapters XML document.

Remember to work on these two files until both the XML and the W3C XML Schema schema files show no errors when you click on the Validate toolbar button.

Tools

Use the Oxygen XML Editor to create a new W3C XML Schema file and connect the schema to the XML document provided.

Length

Since there are quite a few museums in Wisconsin, the XML document provided is fairly long. Yet, the number of element types and attribute types is manageable. Make sure to continue improving your W3C XML Schema file until all validation errors are resolved in the XML document.

Format

Place both the XML file and the W3C XML Schema file in the same directory. When validation is successful, zip up the entire directory and submit the zip file to the D2L dropbox.

File Naming Conventions

The name of the file that you submit should include both your name and the name of the assignment. It should follow the form:

trainor_kevin_wisconsin_museums_2.zip

Due By

Please submit this assignment by the date and time shown on the Weekly Schedule.