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LIS 542 Documentation Guide
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DOCUMENTATION

Introduction

The text we are using for this project is the Diary of Emma Wormwood. Wormwood was a school teacher in Illinois and her diary entries detail her daily work and life from her time teaching from 1895 to 1898. We specifically are using the diary entries from January to February of the year 1896 for this encoding project.

Modeling Approach and Rational

This project uses XML to encode and our goal was to create...

- Flexible encoding that can be used on other texts easily, not just this specific text.
- Represent information in data hierarchies to allow a better understanding of the text.

We also used Relax NG Schema which allowed us to define the structure of the XML document.

Adding Schematron Rules allowed us to add more constraints to the schema and see if patterns of XML trees are present or absent.

XSLT stylesheet was included in order to transform the XML encoding into HTML, making it viewable in web browsers in a much more readable way.

Encoding Guide

XML Structure

- <journal>
- <metadata>
- <sourceInfo>
- <revisions>
- <entry>
- <p>
- <date>
- <name>
- <quote>

Added Attributes

- <weather>: describes the weather conditions
- <place-element>: indicates when a location is mentioned, specifying if it is a country or a state
- <age-element>: indicates the age of a person if specified in the text

- <profession-element>: indicates a person's job
- <note-element>: indicates text that was noted in the margins of the diary not the actual paragraph of the text
- <story-element>: indicates when a story title (such as a book) is written in the diary
- <food-element>: indicates if a food item is mentioned
- <talking-element>: indicates when a line represents someone speaking
- <trait-element>: indicates when a person's common characteristic is mentioned
- <emotion-element>: describes people's feelings, mainly Emma Wormwood herself

CSS Added Information
We chose to add only a couple of colors to our added attribution for easier readability in terms of the HTML file since we ended up adding so many attributes.
- Note, story, emotion, and trait are different colors.

Contributor Information
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