

Scholarly XML.

An Open Source Visual Studio Code Extension for TEI encoding

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Motivations

Scholarly XML is a VSCode extension **with a RELAX NG validator and autocomplete** with features typically needed by academic encoding projects.

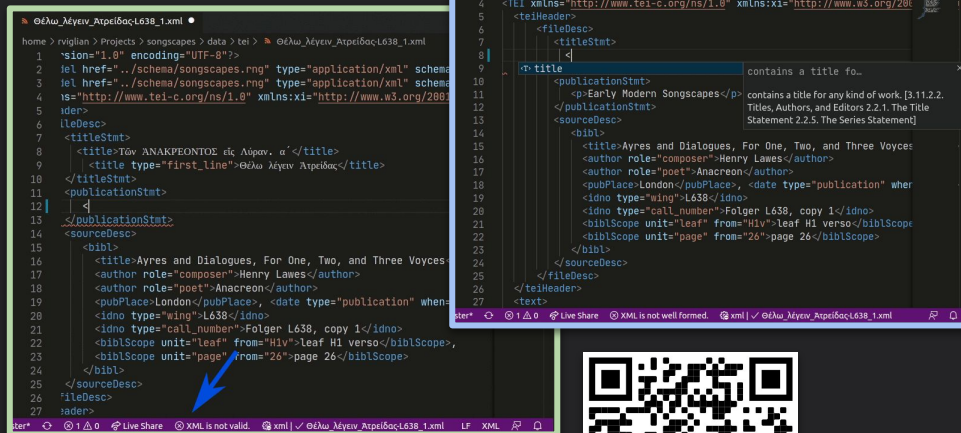
Many extensible open source code editors have extensions for XML validation, but, they rely on external Java libraries.

Scholarly XML does not require Java.

In my experience teaching workshops and entry-level classes, setting up and installing these libraries proves to be an obstacle and a source of frustration.

Features

- Checks if XML is well-formed.
- Validates XML with associated RELAX NG schema (via `<?xml-model?>`) when you open or modify a file.
- Makes schema aware suggestions for elements, attributes, and attribute values.
- When available, shows documentation from schema for elements, attributes, and attribute values.
- Wrap selected text with tags using Ctrl+E



Built on Salve

The extension builds on a fork of Salve, a TypeScript RELAX NG implementation by Louis-Dominique Dubeau, which is no longer under development. **This library, however, is the real star of this VSCode extension.** My fork provides some adjustments for being used outside of the browser and to process documentation for elements and attributes.



<https://ter.ps/scholarlyxml>

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