



## **Computable Publishing®: SchemaElement Builder**

**Computable Publishing®: SchemaElement Builder** creates a “SchemaElement Resource”, without the need for the author to edit directly in JSON.

**Computable Publishing®: SchemaElement Viewer** displays a “SchemaElement Resource” in human-readable form.

The online tool is available on the FEvIR Platform (example viewable at <https://fevir.net/resources/SchemaElement/43918>) - and is one of several Builder Tools and Viewer Tools. The FEvIR Platform provides access to an array of tools which enable creating and viewing scientific knowledge in standard-based, machine-interpretable units called Resources. Most Resources use the HL7® FHIR® standard specification. Builder Tools enable creation of a FHIR® Resource without any working knowledge of FHIR® or JSON. Viewer Tools enable human-friendly viewing of a FHIR® Resource. Views may include outline representation of the JSON and/or specialized views based on the resource type.

The “SchemaElement Resource” is not a FHIR® Resource. The “SchemaElement Resource” is a structured representation of an element specification within any database schema, developed to support the Common Metadata Framework and mapping efforts to convert data from one schema to another.

[Computable Publishing®: SchemaElement Builder/Viewer](#) version 0.2.0 (April 27, 2022) features include:

### **Create a SchemaElement Resource with no technical expertise**

- Enter data in easy-to-use data entry fields.
- Create JSON without direct editing of the JSON.

### **View extensive SchemaElement data in easy-to-navigate form**

- The Identification section shows the schema, schema version, path, and element name.
- The Details section shows cardinality, datatypes, contained elements, and rules.
- The Mapping section shows maps with target SchemaElements and rules to transform data.

### **Resistance is futile**

- If you understand what the SchemaElement Resource is for, please join our collective.

See [Computable Publishing®: SchemaElement Builder/Viewer](#) version 0.2.0 (April 27, 2022) for latest release notes.

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