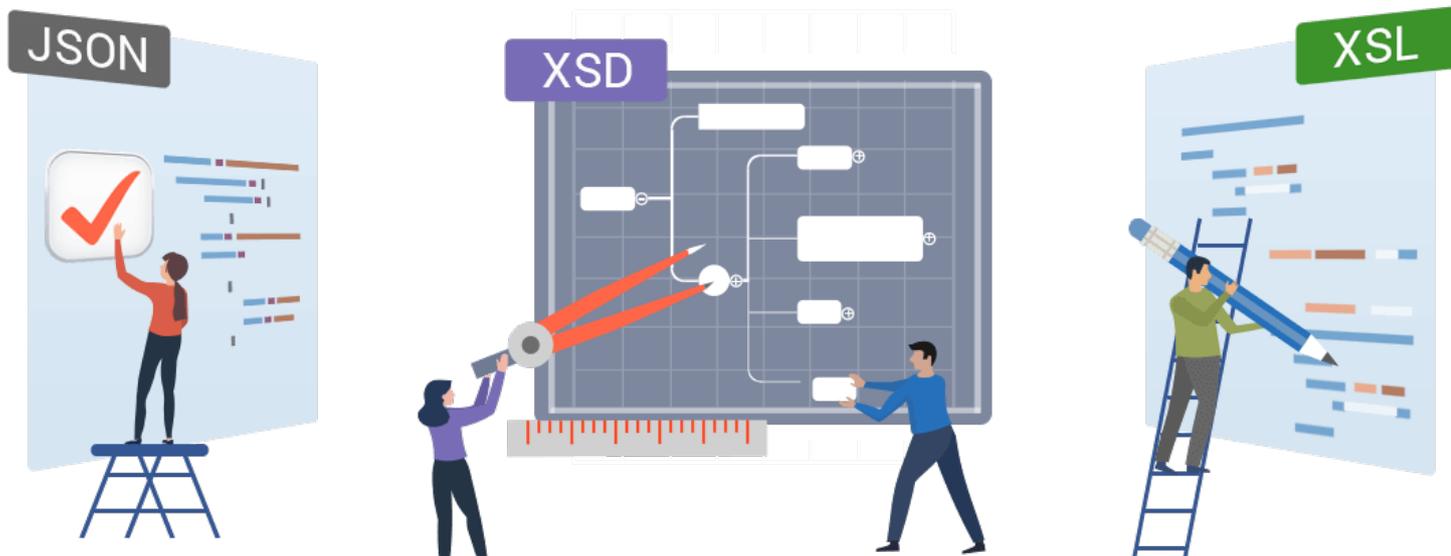


Development

- Tools for Designing XML and JSON Schemas
- XML and JSON Validation
- All XML and JSON Standards Support
- XSLT & XQuery Editing, Transformation and Debugging



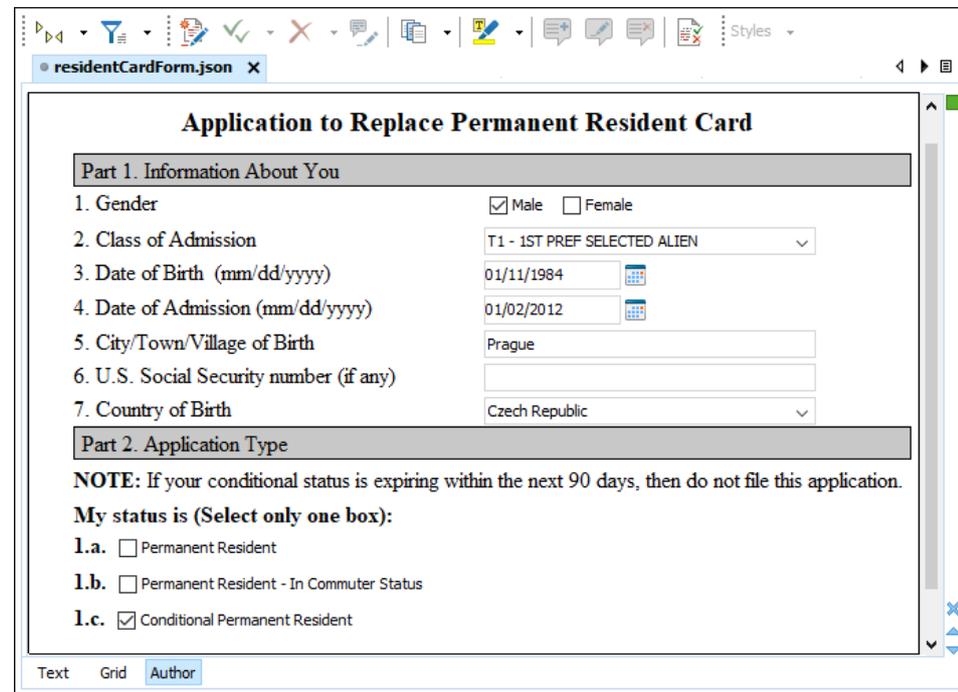
New Features

- JSON and JSON Schema in Visual Mode
- JSON Schema Documentation
- Diff and Merge Support for Eclipse
- Improvements on XSLT and HTML5
- Tools and Add-ons Updates



JSON and JSON Schema in Visual Mode

- Edit JSON and JSON Schema documents in the visual mode
- Content completion support based on a JSON Schema
- Validation against JSON Schema and Schematron
- Built-in frameworks for JSON, JSON Schema, and OpenAPI (Swagger)



The screenshot shows the Oxygen XML Editor interface with a document titled 'residentCardForm.json'. The main content area displays a visual form titled 'Application to Replace Permanent Resident Card'. The form is divided into two parts:

Part 1. Information About You

1. Gender: Male Female
2. Class of Admission: T1 - 1ST PREF SELECTED ALIEN (dropdown)
3. Date of Birth (mm/dd/yyyy): 01/11/1984 (calendar icon)
4. Date of Admission (mm/dd/yyyy): 01/02/2012 (calendar icon)
5. City/Town/Village of Birth: Prague (text input)
6. U.S. Social Security number (if any): (text input)
7. Country of Birth: Czech Republic (dropdown)

Part 2. Application Type

NOTE: If your conditional status is expiring within the next 90 days, then do not file this application.

My status is (Select only one box):

- 1.a. Permanent Resident
- 1.b. Permanent Resident - In Commuter Status
- 1.c. Conditional Permanent Resident

The editor's toolbar and a 'Text Grid Author' tab are visible at the bottom.

JSON Schema Documentation

- Generate HTML documentation for a JSON Schema file
- Table of Contents
- Links between definitions and properties
- Collapse/expand sections

The screenshot shows the Oxygen JSON Schema documentation interface. It features a 'Table of Contents' on the left with expandable sections for 'Main Schema Schema', 'Properties personnel', and 'Definitions' (personType, idType, nameType, nameValueType, linkType). The main area displays the 'Main Schema personal-schema.json' with fields for Document version, Document location, Annotations (Title: Personal schema.), Properties (Name: personnel, Occurrence: optional), Type (object), Additional Properties (false), and Source (JSON code). A 'Showing:' panel on the right lists checked options: Annotations, Properties, Constraints, Enumerations, Combined, and Source. Below the main schema, the 'Property personnel' section shows its Annotations (Title: The 'personnel' property', Description: Defines the personnel as a collection of person entries.).

Table of Contents

- [-] Main Schema Schema
- [-] Properties personnel
- [-] Definitions personType, idType, nameType, nameValueType, linkType

JSON Schema documentation generated by ®

Main Schema personal-schema.json

Showing:
 Annotations
 Properties
 Constraints
 Enumerations
 Combined
 Source
Close

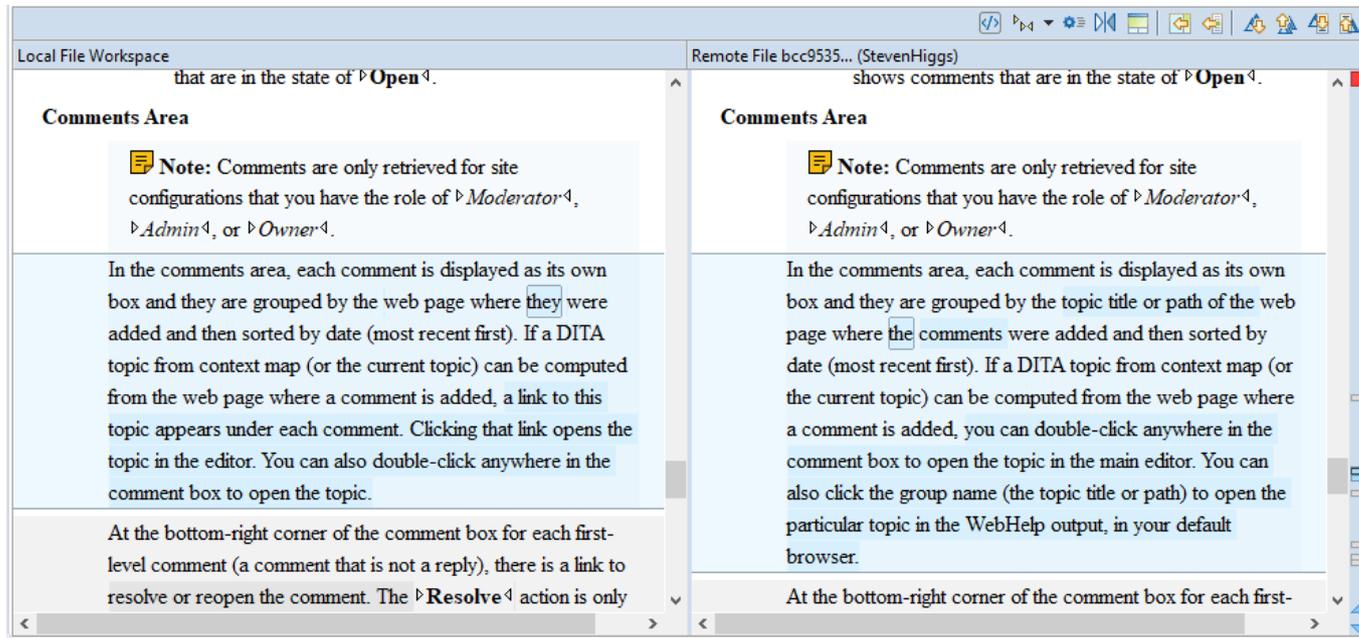
Document version: http://json-schema.org/draft-07/schema#
Document location: file:///D:/samples/json/personal-schema.json
Annotations: [-] Title: Personal schema.
Properties: [-] Name: personnel Occurrence: optional
Type: object
Additional Properties: false
Source: [-] {
 "type": "object",
 "title": "Personal schema.",
 "\$schema": "http://json-schema.org/draft-07/schema#",
 "properties": {
 "personnel": {
 "type": "object",
 "additionalProperties": false,
 "title": "The 'personnel' property",
 "description": "Defines the personnel.",
 "properties": {}
 }
 }
}

Property personnel

Annotations: [-] Title: The 'personnel' property
Description: Defines the personnel as a collection of person entries.

Diff and Merge Support for Eclipse

- Compare and Merge XML Documents in the Visual Author and Text Mode
- Integration with Eclipse Comparison Support
- Specific Diff Options



Tools an Add-ons Updates

- Latest Saxon 10 and 9.9 update*
- JSON to XML and XML to JSON conversion tool
- Generate Java Classes from XSD
- Oxygen Emmet Plugin Improvements

Future Plans

- JSON Schema Diagram
- YAML Support
- Improve XSLT 3.0 Support
- XProc 3.0
- Schematron and SQF Improvements
- and more





Questions?

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