What's New in Oxygen 27 - Development-

Octavian Nadolu, Syncro Soft
octavian_nadolu@oxygenxml.com
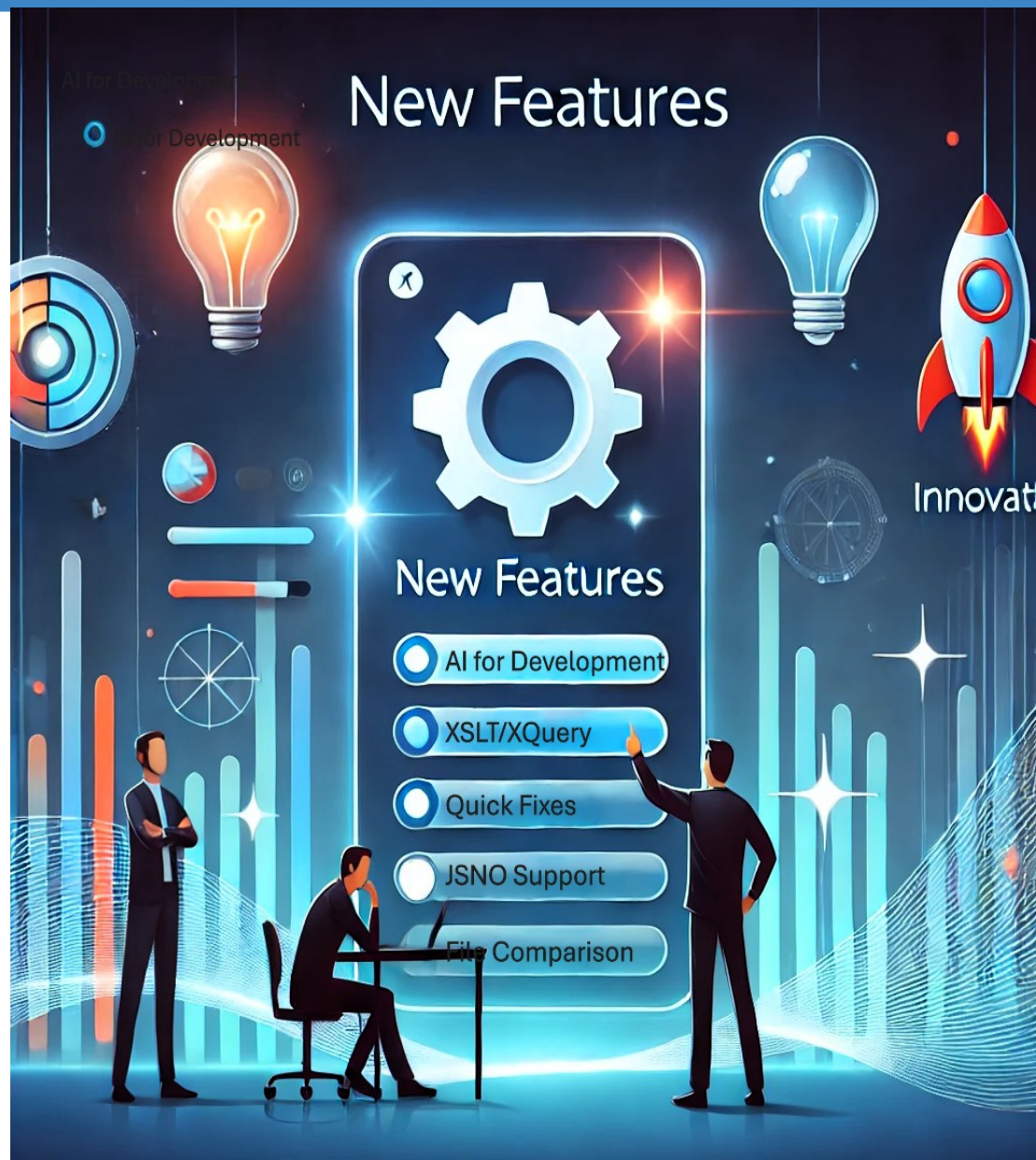@OctavianNadolu

Development

- XSLT & XQuery Editing, Transform and Debug

- Design XSD and JSON Schema

- XML and JSON Validation

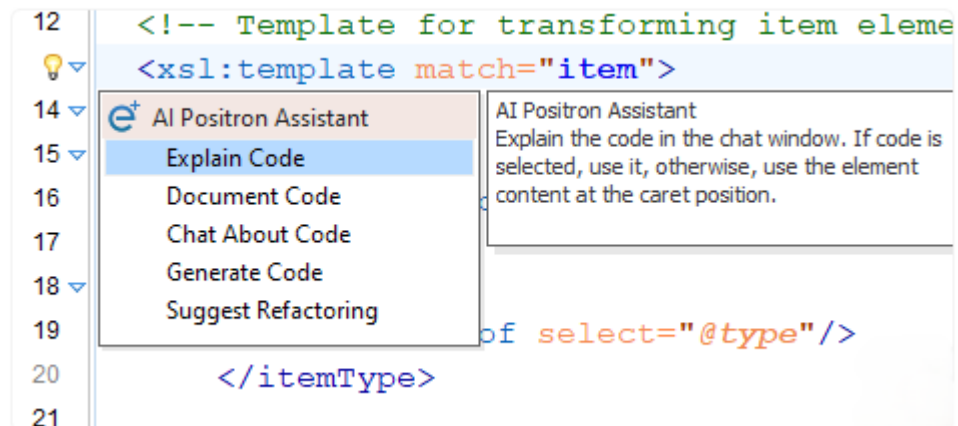- All XML and JSON Standards Support

- File Comparison

New Features

- AI for Development
- XSLT / XQuery
- Apply All Default Quick Fix Proposals
- JSON Support
- File Comparison
- Scripting

Using AI for Development

- Development actions

  - Explain Code

  - Document Code

  - Chat About Code

  - Generate Code

  - Suggest Refactor

  - [Custom Actions]

- AI Actions in Quick Assist

- AI XPath Functions Updated

XSLT / XQuery

- Saxon 12.5 Built-in

- New Saxon Extension Functions

- Support for XQuery 4.0

- Updated Saxon XSLT and XQuery Add-ons

- XProc Version 3.0 Schemas
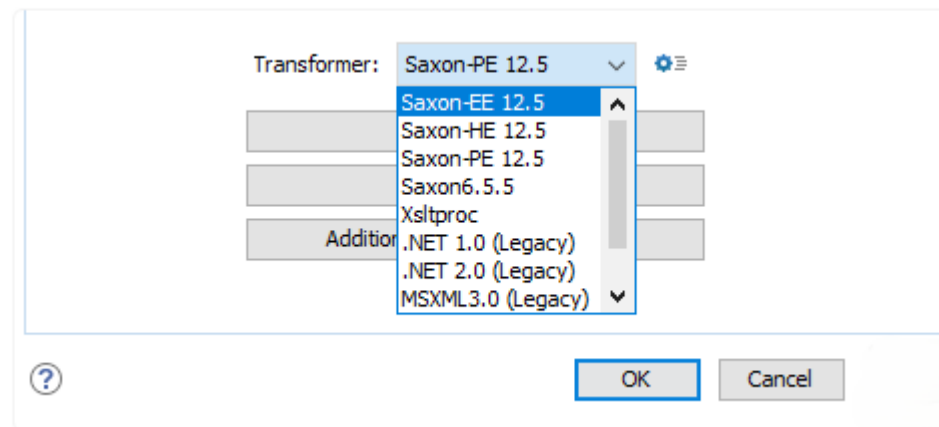
Apply All Default Quick Fix Proposals

- Apply all proposed quick fixes on one or more resources at once

- Available in both Text and Author modes

- Use it from the Project view, DITA Maps, or Results view

- Preview modification before applying them
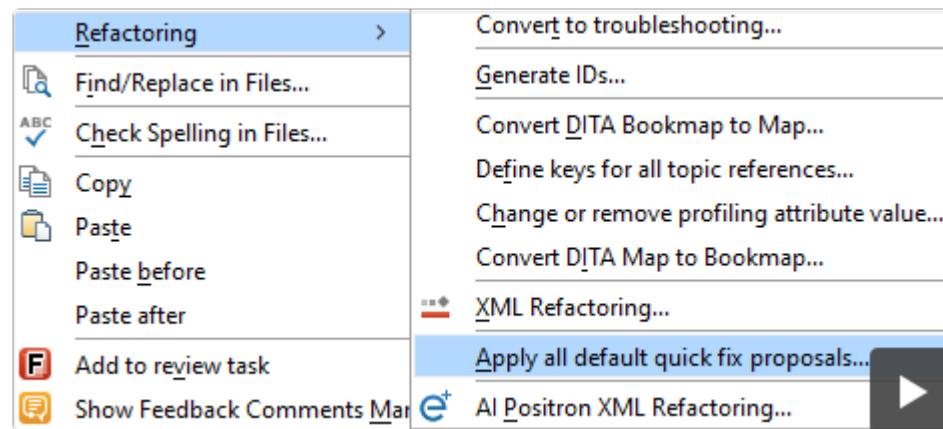
JSON Support

- Transform JSON Documents with XSLT/XQuery

- Transform Multiple JSON Documents at Once

- Edit JSON5 Documents

- Enhanced JSON Editing with Automatic Indentation
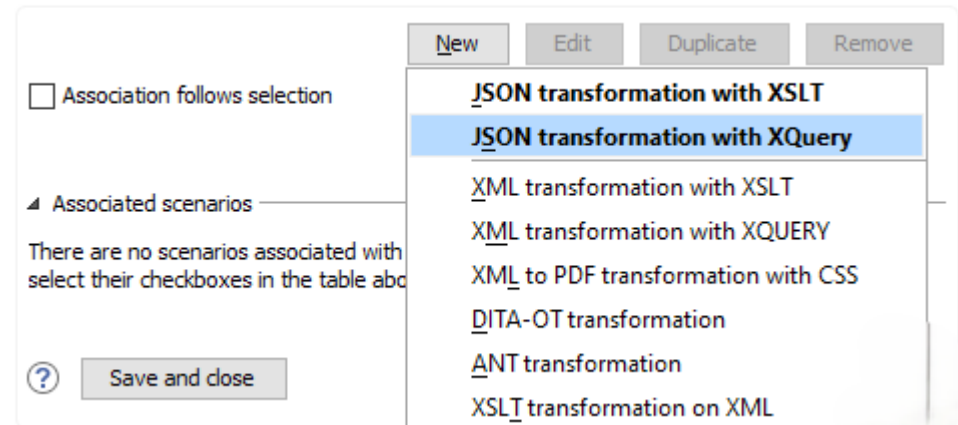
File Comparison

- Ignore Nodes by XPath Option Supported in Directory Comparisons

- API for Merge Documents or Directories with Change Tracking

- Merge Documents with Change Tracking Highlights Tool Improved

Scripting

- XPath Expressions to Exclude Nodes Now Supported in Compare Directories Script

- More Flexibility in Compare Directories Script

- Performance Improved for Validation and Check for Completeness Script

Future Plans

- New AI Actions for Development

- Extended Support for AI Functions

- Schematron 2025 Update

- XPath Over JSON Property/Array

- Security Updates

- …waiting for feedback

Questions?

Octavian Nadolu
Software Architect at Syncro Soft

octavian.nadolu@oxygenxml.com
Twitter: @OctavianNadolu
LinkedIn: octaviannadolu