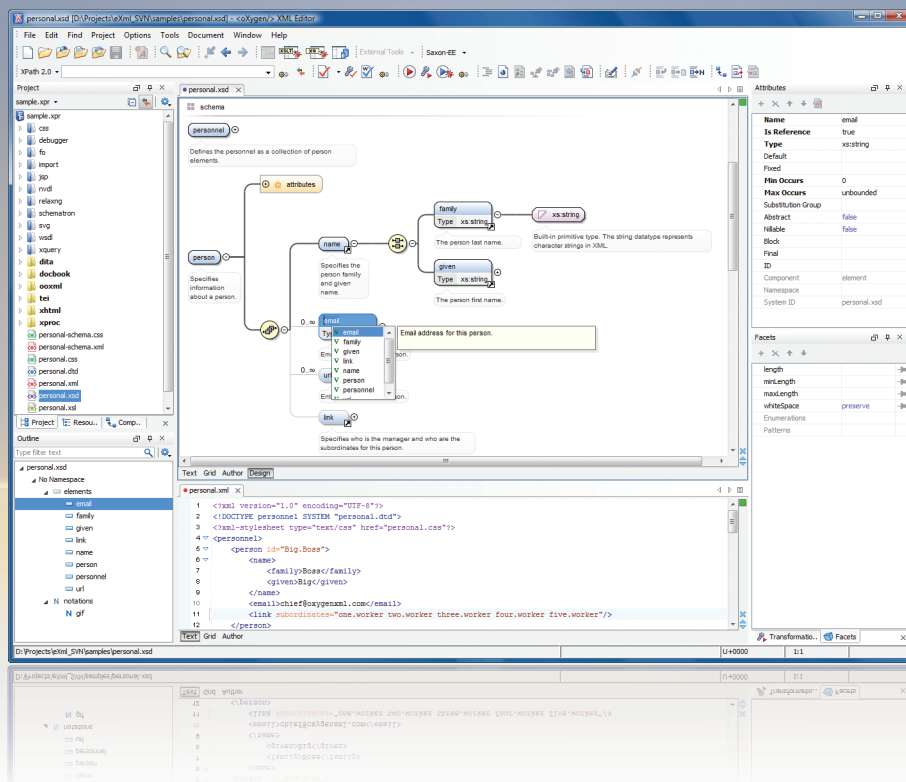# ‹oXygen/› ®

# XML Schema Diagram Editor

**Discover the most powerful and expressive Schema Diagram Page for editing XML Schemas inside ‹oXygen/› XML Editor.**



## In-place Editing

You can edit XML Schema components features directly in the diagram, for instance the component name, its type, etc. Valid proposals are offered in the contextual menu allowing you to easily insert new components in the current context.

## Drag and Drop Editing

You can design your schema in the new XML Schema diagram by using drag-and-drop to move, copy or make references.

## XML Schema Documentation

You can easily generate full documentation for the XML Schema content models including comprehensive diagrams, annotations and cross references. It is possible to generate XML Schema documentation in various formats including HTML, PDF and DocBook.

## XML Schema Validation

You can ensure the XML Schema you develop is respecting the W3C standard by using one of the validation engines distributed with ‹oXygen/›: Xerces or Saxon-SA validator. ‹oXygen/› can also be configured to use an external XML Schema validator.
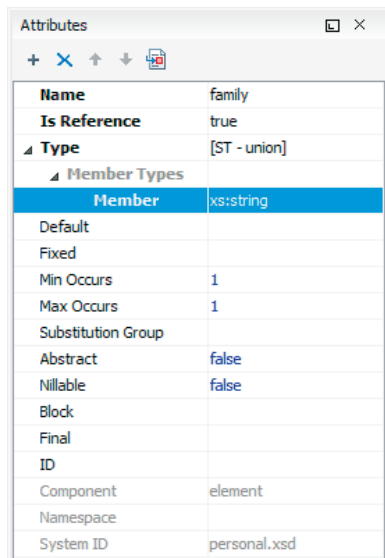
## XML Schema Outline View

The Outline view for XML Schema presents the XML schema components from the current schema and from the included and imported schemas. All the global components can be sorted by name and grouped by type, location and namespace.
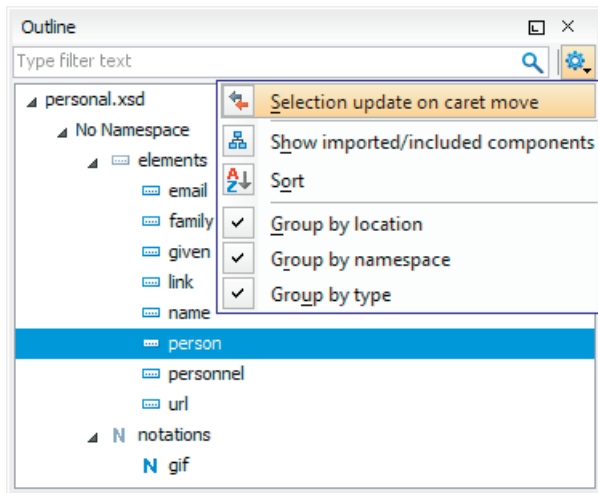
## Attributes View

The Attributes View provides an easy way to edit attributes for all XML Schema components. You can choose valid values from a list or you can specify your own values. If an attribute has an invalid value it will be highlighted in the table so you can easily spot the error and fix it.

## Facets View

Using the Facets View you can easily check the existing facets of the current simple type (including the default facets), edit values or add patterns and enumerations.
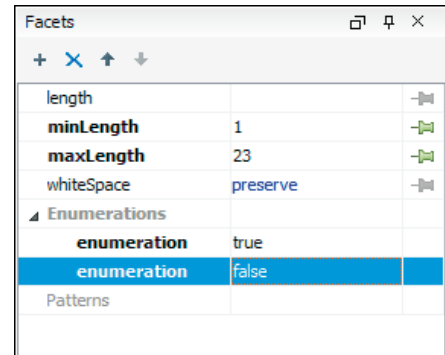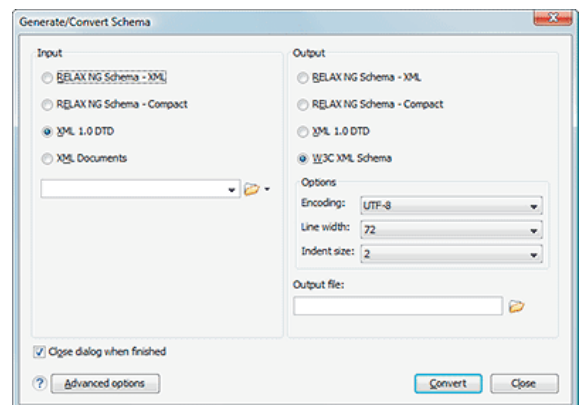
## XML Instance Generator

XML instance generator can quickly generate a large set of XML document samples based on a given XML Schema. All the settings that you configured can be saved on disk in a configuration file and loaded later. You can reuse the options you defined at a later time, share them with other users or use them as input for the command line instance generator tool.

## Converting Between Schema Languages

The Generate/Convert Schema allows you to convert a DTD or Relax NG (full or compact syntax) schema or a set of XML files to an equivalent XML Schema, DTD or Relax NG (full or compact syntax) schema. Where perfect equivalence is not possible due to limitations of the target language <oXygen/> will generate an approximation of the source schema.

## Availability

is available in two editions: ** XML Author** for content authors, starting from 199 USD, and ** XML Editor** for XML developers and content authors, starting from 349 USD. Both editions can run as a standalone application or as an Eclipse IDE plugin, on Windows 7, Vista, XP, 2000, Mac OS X , Linux and Solaris.