XML Mapper v28.0.47991.2819 (13 Mar 2023) for Delphi Retail

2025-01-06 22:58:36



Welcome to the XML Mapper 11.3. The next release will be focused on quality and improvements of existing features, addressing issues found internally and reported by customers; this document covers the new features and main quality improvements introduced in the XML Mapper 11.3. In the end, you will also find a table of the publicly reported issues addressed so far.

At design time, defines the mappings between generic XML documents and the data packets that client datasets use. Each mapping describes the correspondences between the nodes of an XML document and the fields in a data packet.

You can define mappings from an existing XML schema (or document) to a client dataset, from an existing data packet to a new XML schema you define, or between an existing XML schema and an existing data packet.

This page shows the contents of the currently loaded XML document, represented as a hierarchical tree view. Each node in the tree represents a tag or tag attribute in the XML document. Next to each node is an icon that indicates the type of tag it represents:

Description

Represents an element node that is a tag that acts as a parent to other nodes (tags) but does not have a value. The name of the node is the tag name. Typically, element nodes map to datasets (the data packet itself or a nested detail set), although they can also map to fields whose values are a composite of the child node values.

Represents a text node. Text nodes represent tagged elements with text values. The tree has the form Nodename="TextValue," where the node name is the tag name, and TextValue is the text that appears between the starting and ending tags. Typically, text nodes map to fields in the corresponding data packet.

Represents an attribute node. Attribute nodes correspond to attributes of the parent element's tag in the XML document. In the tree, attributes have Nodename="AttributeValue," where node name is the attribute's name, and AttributeValue is its value. Typically, nodes map to fields in the corresponding data packet, where the element for which they have attributed maps to a record.

Represents a nested node. Nested nodes are element nodes that can appear replicated sequentially in the XML document. Typically, nested nodes map to records in the corresponding data packet.

If unchecked, the hierarchy displays only the names and types of nodes. No values are shown for text or attribute nodes; only a single instance is shown for nested nodes. If checked, the hierarchy displays sample values on the text and attribute nodes and repetitions of nested nodes. If you loaded a sample XML file, the Data View would show the values stored in that file. If the document was generated from a schema or data packet, sample values are generated for the nodes. When examining a large XML document, it is sometimes easier to uncheck Data View to see the more logical structure with the detailed information removed.

版本列表

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