

## Update of the schema system

### New namespace reference attribute

The update mostly consists only from the introduction of a namespace reference attribute, which makes possible to reference an element in another namespace. This namespace reference does not have any default value, so it is a plain extension of the abstract element called attribute:

```
<element id="nsref" desc="Namespace reference" extends="attribute" />
```

This new type of attribute is used in the schema of the schema on two places - in the root element called schema is a identifying attribute (the described namespace) and in the reference attribute it forms the namespace specification:

```
<element id="schema" type="elements" desc="This is the root element">
  <elem min="1">element</elem>
  <elem>valuelist</elem>
  <elem>elementlist</elem>
  <nsref id="namespace" desc="The described namespace" uniq="global" />
  <string id="desc" desc="A short description of the namespace" />
</element>

<element id="reference" desc="Reference to element" extends="attribute">
  <reference id="ref" desc="Reference" ref="element" />
  <nsref id="refns" desc="Namespace of this reference" null="1" />
</element>
```

### Documentation generator update

As the new attribute was introduced, the generator of the schema documentation has been also updated, so when the element reference contains a specified namespace, it is understand as a foreign element. If the foreign namespace definition is located at our server (when it begins with <http://schemas.rozsnyo.com/>) the shortcut links to the proper position in that documentation file.

Other fixes were:

- XHTML generation error in Value Lists
- list of Root Elements
  - hide abstract elements
  - show recursively linked roots