

Enumeration

Maps to a UML Attribute with the stereotype XSDenumeration.

- value – to Attribute name.

enumeration XML representation summary

```
<enumeration
  id = ID
  value = anySimpleType
  {any attributes with non-schema namespace...}>
  Content: (annotation?)
</enumeration>
```

enumeration XML code sample

The following example is a datatype definition for a user-derived datatype which limits the values of dates to the three US holidays enumerated. This datatype definition would appear in a schema authored by an 'end-user' and shows how to define a datatype by enumerating the values in its value space. The enumerated values must be type-valid literals for the base type.

```
<simpleType name='holidays'>
  <annotation>
    <documentation>some US holidays</documentation>
  </annotation>
  <restriction base='gMonthDay'>
    <enumeration value='--01-01'>
      <annotation>
        <documentation>New Year's day</documentation>
      </annotation>
    </enumeration>
    <enumeration value='--07-04'>
      <annotation>
        <documentation>4th of July</documentation>
      </annotation>
    </enumeration>
    <enumeration value='--12-25'>
      <annotation>
        <documentation>Christmas</documentation>
      </annotation>
    </enumeration>
  </restriction>
</simpleType>
```