

# TotalDigits

Maps to a UML Attribute with the stereotype XSDtotalDigits. The name and type of such an attribute do not make sense.

- value – to Attribute initial value.

## totalDigits XML representation summary

```
<totalDigits
  fixed = boolean : false
  id = ID
  value = positiveInteger
  {any attributes with non-schema namespace...}>
  Content: (annotation?)
</totalDigits>
```

## totalDigits XML code sample

The following is the definition of a user-derived datatype which could be used to represent monetary amounts, such as in a financial management application which does not have figures of \$1M or more and only allows whole cents. This definition would appear in a schema authored by an 'end-user' and shows how to define a datatype by specifying facet values which constrain the range of the base type in a manner specific to the base type. (different than specifying max/min values as before).

```
<simpleType name='amount'>
  <restriction base='decimal'>
    <totalDigits value='8' />
    <fractionDigits value='2' fixed='true' />
  </restriction>
</simpleType>
```