Schema documentation
for spasedd-1_0_0.xsd

19 november 2010

Table of Contents

Namespace: "http://www.spase-group.org/data/schema/spasedd"

Schemas

Main schema `spasedd-1_0_0.xsd`

Namespace	http://www.spase-group.org/data/schema/spasedd
Properties	attribute form default: `unqualified`
	element form default: `unqualified`
Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Elements

Element `spaseDD`

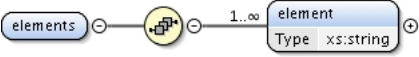|	
Namespace	http://www.spase-group.org/data/schema/spasedd
Annotations	`Container of  one or more SPASE data dictionary terms.`
Diagram	
Properties	content: `complex`
Model	term , definition , type , values{0,1} , elements{0,1} , usage{0,1}
Children	definition, elements, term, type, usage, values

| Instance | ```
<spaseDD>
  <term>{1,1}</term>
  <definition>{1,1}</definition>
  <type>{1,1}</type>
  <values>{0,1}</values>
  <elements>{0,1}</elements>
  <usage>{0,1}</usage>
</spaseDD>
``` |
|---|---|
| Source | ```
<xs:element name="spaseDD">
  <xs:annotation>
    <xs:documentation>Container of  one or more SPASE data dictionary terms.</
xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="term" type="xs:string" minOccurs="1" maxOccurs="1">
        <xs:annotation>
          <xs:documentation>The name associated with a dictionary term.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="definition" type="xs:string" minOccurs="1" maxOccurs="1">
        <xs:annotation>
          <xs:documentation>A detailed explanation of the meaning of the term.</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="type" type="enumType" minOccurs="1" maxOccurs="1">
        <xs:annotation>
          <xs:documentation>The type of value which can be associated with the term.</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="values" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="elements" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="usage" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
``` |
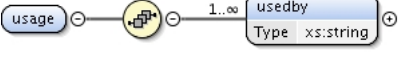| Schema location | file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd |

Element `values`

Namespace	http://www.spase-group.org/data/schema/spasedd
Annotations	The list values which can be associated with the term.
Diagram	
Properties	content: complex
Model	url | value+
Children	url, value
| Instance | ```
<values>
  <url>{1,1}</url>
  <value>{1,unbounded}</value>
</values>
``` |
| Source | ```
<xs:element name="values">
  <xs:annotation>
    <xs:documentation>The list values which can be associated with the term.</
xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="url" type="xs:string" minOccurs="1" maxOccurs="1"/>
      <xs:element name="value" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
``` |
| Schema location | file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd |

Element `elements`

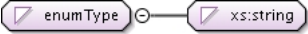| Namespace	http://www.spase-group.org/data/schema/spasedd

Annotations	The list of terms which can be expressed within the context of this term (sub-elements).
Diagram	
Properties	content: complex
Model	element+
Children	element

Instance	`<elements>`
	  `<element>{1,unbounded}</element>`
	`</elements>`

Source	`<xs:element name="elements">`
	  `<xs:annotation>`
	    `<xs:documentation>The list of terms which can be expressed within the context of this term (sub-elements).</xs:documentation>`
	  `</xs:annotation>`
	  `<xs:complexType>`
	    `<xs:sequence>`
	      `<xs:element name="element" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>`
	    `</xs:sequence>`
	  `</xs:complexType>`
	`</xs:element>`

Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element usage

Namespace	http://www.spase-group.org/data/schema/spasedd
Annotations	The list of terms this term can be expressed within.
Diagram	
Properties	content: complex
Model	usedby+
Children	usedby

Instance	`<usage>`
	  `<usedby>{1,unbounded}</usedby>`
	`</usage>`

Source	`<xs:element name="usage">`
	  `<xs:annotation>`
	    `<xs:documentation>The list of terms this term can be expressed within.</xs:documentation>`
	  `</xs:annotation>`
	  `<xs:complexType>`
	    `<xs:sequence>`
	      `<xs:element name="usedby" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>`
	    `</xs:sequence>`
	  `</xs:complexType>`
	`</xs:element>`

Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Simple Types

Simple Type enumType

Namespace	http://www.spase-group.org/data/schema/spasedd	
Diagram		
Type	restriction of xs:string	
Facets	enumeration	Container
	enumeration	Count
	enumeration	Date
	enumeration	Enumeration
	enumeration	Item
	enumeration	Numeric

	enumeration Text
	enumeration Time
	enumeration Duration

Source	`<xs:simpleType name="enumType">`
	`  <xs:restriction base="xs:string">`
	`    <xs:enumeration value="Container"/>`
	`    <xs:enumeration value="Count"/>`
	`    <xs:enumeration value="Date"/>`
	`    <xs:enumeration value="Enumeration"/>`
	`    <xs:enumeration value="Item"/>`
	`    <xs:enumeration value="Numeric"/>`
	`    <xs:enumeration value="Text"/>`
	`    <xs:enumeration value="Time"/>`
	`    <xs:enumeration value="Duration"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Namespace: ""

Elements

Element `spaseDD / term`

Namespace	No namespace
Annotations	The name associated with a dictionary term.
Diagram	
Type	xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1

Source	`<xs:element name="term" type="xs:string" minOccurs="1" maxOccurs="1">`
	`  <xs:annotation>`
	`    <xs:documentation>The name associated with a dictionary term.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element `spaseDD / definition`

Namespace	No namespace
Annotations	A detailed explanation of the meaning of the term.
Diagram	
Type	xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1

Source	`<xs:element name="definition" type="xs:string" minOccurs="1" maxOccurs="1">`
	`  <xs:annotation>`
	`    <xs:documentation>A detailed explanation of the meaning of the term.</`
	`xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element `spaseDD / type`

Namespace	No namespace
Annotations	The type of value which can be associated with the term.

Diagram	type Type enumType
Type	enumType
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1

Source	`<xs:element name="type" type="enumType" minOccurs="1" maxOccurs="1">`
	  `<xs:annotation>`
	    `<xs:documentation>The type of value which can be associated with the term.</`
	`xs:documentation>`
	  `</xs:annotation>`
	`</xs:element>`

Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element `values / url`

Namespace	No namespace
Diagram	url Type xs:string ⊝ — xs:string
Type	xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	`<xs:element name="url" type="xs:string" minOccurs="1" maxOccurs="1"/>`
Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element `values / value`

Namespace	No namespace
Diagram	value Type xs:string ⊝ — xs:string
Type	xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: unbounded
Source	`<xs:element name="value" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element `elements / element`

Namespace	No namespace
Diagram	element Type xs:string ⊝ — xs:string
Type	xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: unbounded
Source	`<xs:element name="element" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd

Element `usage / usedby`

Namespace	No namespace

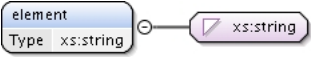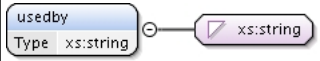| Diagram	
Type	xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: unbounded
Source	`<xs:element name="usedby" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/var/www/spase/site/root/data/schema/spasedd-1_0_0.xsd