Schema documentation for personal.xsd

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Table of Contents

Namespace: ""

Schemas

Main schema `personal.xsd`

Namespace	No namespace
Properties	attribute form default: `unqualified`
	element form default: `unqualified`
Schema location	file:/C:/samples/personal.xsd

Elements

Element `personnel`

Namespace	No namespace
Annotations	`Defines the personnel as a collection of person elements.`

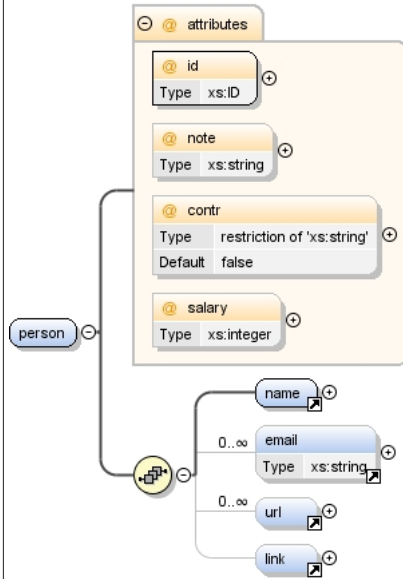| Diagram	
Properties	content: `complex`
Model	person+
Children	person

Instance	```xml
	<personnel>
	  <person contr="false" id="" note="" salary="">{1,unbounded}</person>
	</personnel>
	``

Source	```xml
	<xs:element name="personnel">
	  <xs:annotation>
	    <xs:documentation>Defines the personnel as a collection of person elements.</xs:documentation>
	  </xs:annotation>
	  <xs:complexType>
	    <xs:sequence>
	      <xs:element ref="person" minOccurs="1" maxOccurs="unbounded"/>
	    </xs:sequence>
	  </xs:complexType>
	  <xs:unique name="unique1">
	    <xs:selector xpath="person"/>
	    <xs:field xpath="name/given"/>
	    <xs:field xpath="name/family"/>
	  </xs:unique>
	  <xs:key name="empid">
	    <xs:selector xpath="person"/>
	    <xs:field xpath="@id"/>
	  </xs:key>
	  <xs:keyref name="keyref1" refer="empid">
	    <xs:selector xpath="person"/>
	    <xs:field xpath="link/@manager"/>
	  </xs:keyref>
	</xs:element>
	``

Schema location	file:/C:/samples/personal.xsd

Element `person`

Namespace	No namespace
Annotations	Specifies information about a person.

Diagram	
Properties	content: `complex`
Used by	Element personnel
Model	name , email* , url* , link{0,1}
Children	email, link, name, url
| Instance | ```xml
<person contr="false" id="" note="" salary="">
  <name>{1,1}</name>
  <email>{0,unbounded}</email>
  <url href="http://">{0,unbounded}</url>
  <link manager="" subordinates="">{0,1}</link>
</person>
``` |

Attributes

QName	Type	Fixed	Default	Use
contr	restriction of xs:string		false	optional
id	xs:ID			required
	Specifies a required unique ID for this person.			
note	xs:string			optional
	If there is anything to note about this person.			
salary	xs:integer			optional
	Specifies the salary for this person.			

Source

```xml
<xs:element name="person">
  <xs:annotation>
    <xs:documentation>Specifies information about a person.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="name"/>
      <xs:element ref="email" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="url" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="link" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
    <xs:attribute name="id" type="xs:ID" use="required">
      <xs:annotation>
        <xs:documentation>Specifies a required unique ID for this person.</xs:documentation>
      </xs:annotation>
    </xs:attribute>
    <xs:attribute name="note" type="xs:string">
      <xs:annotation>
        <xs:documentation>If there is anything to note about this person.</xs:documentation>
      </xs:annotation>
    </xs:attribute>
    <xs:attribute name="contr" default="false">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="true"/>
```

```
                <xs:enumeration value="false"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="salary" type="xs:integer">
          <xs:annotation>
            <xs:documentation>Specifies the salary for this person.</xs:documentation>
          </xs:annotation>
        </xs:attribute>
      </xs:complexType>
</xs:element>
```

Schema location	file:/C:/samples/personal.xsd

Element `name`

Namespace	No namespace
Annotations	Specifies the person family and given name.
Diagram	
Properties	content: complex
Used by	Element person
Model	ALL(family given)
Children	family, given
Instance	``` <name> <family>{1,1}</family> <given>{1,1}</given> </name> ```
Source	``` <xs:element name="name"> <xs:annotation> <xs:documentation>Specifies the person family and given name.</xs:documentation> </xs:annotation> <xs:complexType> <xs:all> <xs:element ref="family"/> <xs:element ref="given"/> </xs:all> </xs:complexType> </xs:element> ```
Schema location	file:/C:/samples/personal.xsd

Element `family`

Namespace	No namespace
Annotations	The person last name.
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element name
Source	``` <xs:element name="family" type="xs:string"> <xs:annotation> <xs:documentation>The person last name.</xs:documentation> </xs:annotation> </xs:element> ```
Schema location	file:/C:/samples/personal.xsd

Element `given`

Namespace	No namespace
Annotations	The person first name.

Diagram	
Type	xs:string
Properties	content: simple
Used by	Element name

Source	`<xs:element name="given" type="xs:string">`
	`  <xs:annotation>`
	`    <xs:documentation>The person first name.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/samples/personal.xsd

Element `email`

Namespace	No namespace
Annotations	Email address for this person.
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element person

Source	`<xs:element name="email" type="xs:string">`
	`  <xs:annotation>`
	`    <xs:documentation>Email address for this person.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/samples/personal.xsd

Element `url`

Namespace	No namespace				
Annotations	Enter an URL for this person.				
Diagram					
Properties	content: complex				
Used by	Element person				
Attributes	**QName**	**Type**	**Fixed**	**Default**	**Use**
	href	xs:string		http://	optional
		Enter an URL for this person.			

Source	`<xs:element name="url">`
	`  <xs:annotation>`
	`    <xs:documentation>Enter an URL for this person.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`    <xs:attribute name="href" type="xs:string" default="http://">`
	`      <xs:annotation>`
	`        <xs:documentation>Enter an URL for this person.</xs:documentation>`
	`      </xs:annotation>`
	`    </xs:attribute>`
	`  </xs:complexType>`
	`</xs:element>`				

Schema location	file:/C:/samples/personal.xsd				

Element `link`

Namespace	No namespace

Annotations	Specifies who is the manager and who are the subordinates for this person.
Diagram	
Properties	content: complex
Used by	Element person

Attributes	QName	Type	Fixed	Default	Use
	manager	xs:IDREF			optional
		The manager ID.			
	subordinates	xs:IDREFS			optional
		Space separated list with the subordinates IDs.			

| Source | ```
<xs:element name="link">
  <xs:annotation>
    <xs:documentation>Specifies who is the manager and who are the subordinates for this person.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:attribute name="manager" type="xs:IDREF">
      <xs:annotation>
        <xs:documentation>The manager ID.</xs:documentation>
      </xs:annotation>
    </xs:attribute>
    <xs:attribute name="subordinates" type="xs:IDREFS">
      <xs:annotation>
        <xs:documentation>Space separated list with the subordinates IDs.</xs:documentation>
      </xs:annotation>
    </xs:attribute>
  </xs:complexType>
</xs:element>
``` |
|---|---|
| Schema location | file:/C:/samples/personal.xsd |

Attributes

Attribute `url/@href`

Namespace	No namespace
Annotations	Enter an URL for this person.
Type	xs:string
Properties	default: http://
Used by	Element url
| Source | ```
<xs:attribute name="href" type="xs:string" default="http://">
  <xs:annotation>
    <xs:documentation>Enter an URL for this person.</xs:documentation>
  </xs:annotation>
</xs:attribute>
``` |
| Schema location | file:/C:/samples/personal.xsd |

Attribute `link/@manager`

Namespace	No namespace
Annotations	The manager ID.
Type	xs:IDREF
Properties	content: simple
Used by	Element link
Source	`<xs:attribute name="manager" type="xs:IDREF">`

```
      <xs:annotation>
        <xs:documentation>The manager ID.</xs:documentation>
      </xs:annotation>
    </xs:attribute>
```

Schema location	file:/C:/samples/personal.xsd

Attribute `link/@subordinates`

Namespace	No namespace
Annotations	Space separated list with the subordinates IDs.
Type	xs:IDREFS
Properties	content: simple
Used by	Element link
Source	``` <xs:attribute name="subordinates" type="xs:IDREFS"> <xs:annotation> <xs:documentation>Space separated list with the subordinates IDs.</xs:documentation> </xs:annotation> </xs:attribute> ```
Schema location	file:/C:/samples/personal.xsd

Attribute `person/@id`

Namespace	No namespace
Annotations	Specifies a required unique ID for this person.
Type	xs:ID
Properties	use: required
Used by	Element person
Source	``` <xs:attribute name="id" type="xs:ID" use="required"> <xs:annotation> <xs:documentation>Specifies a required unique ID for this person.</xs:documentation> </xs:annotation> </xs:attribute> ```
Schema location	file:/C:/samples/personal.xsd

Attribute `person/@note`

Namespace	No namespace
Annotations	If there is anything to note about this person.
Type	xs:string
Properties	content: simple
Used by	Element person
Source	``` <xs:attribute name="note" type="xs:string"> <xs:annotation> <xs:documentation>If there is anything to note about this person.</xs:documentation> </xs:annotation> </xs:attribute> ```
Schema location	file:/C:/samples/personal.xsd

Attribute `person/@contr`

Namespace	No namespace
Type	restriction of xs:string
Properties	default: false
Facets	enumeration true, false
Used by	Element person
Source	``` <xs:attribute name="contr" default="false"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="true"/> ```

	``xml
	          <xs:enumeration value="false"/>
	        </xs:restriction>
	      </xs:simpleType>
	  </xs:attribute>
	``

Schema location	file:/C:/samples/personal.xsd

Attribute `person/@salary`

Namespace	No namespace
Annotations	Specifies the salary for this person.
Type	xs:integer
Properties	content: simple
Used by	Element person

Source	```xml
	<xs:attribute name="salary" type="xs:integer">
	  <xs:annotation>
	    <xs:documentation>Specifies the salary for this person.</xs:documentation>
	  </xs:annotation>
	</xs:attribute>
	``

Schema location	file:/C:/samples/personal.xsd