Schema documentation for CDE_schema.xsd

june 3, 2020

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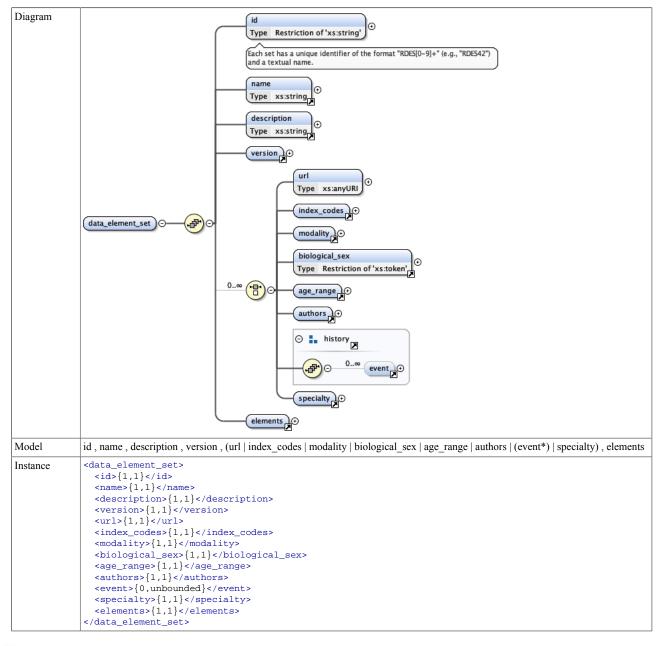
Element caption	15
Element rights	
Element source	
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Schema(s)

Main schema CDE_schema.xsd

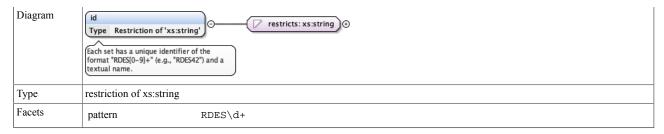
Element(s)

Element data_element_set



Element data_element_set / id

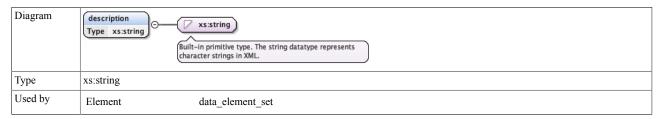
```
Annotations | Each set has a unique identifier of the format "RDES[0-9]+" (e.g., "RDES42") and a textual name.
```



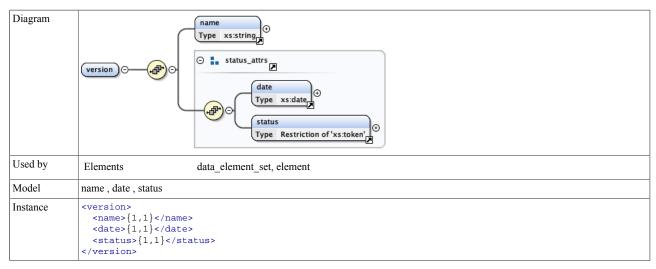
Element name

Diagram	Type xs:string Built-in primitive type. The string datatype represents character strings in XML.
Type	xs:string
Used by	Elements data_element_set, element, organization, person, specialty, value_set/value, version

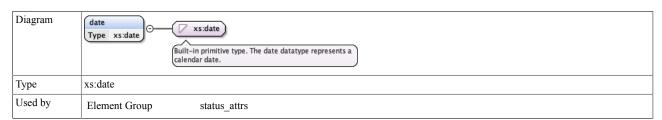
Element description



Element version



Element date



Element status



Facets	enumeration	proposed
	enumeration	published
	enumeration	retired
Used by	Element Group	status_attrs

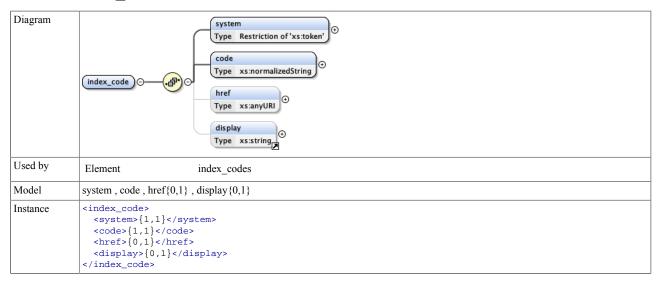
Element data_element_set / url

Diagram	Type xs:anyURI Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).
Type	xs:anyURI

Element index_codes

Diagram	index_codes ⊙ 1∞ index_code ⊙	
Used by	Elements data_element_set, element, value_set/value	
Model	index_code+	
Instance	<index_codes> <index_code>{1,unbounded}</index_code> </index_codes>	

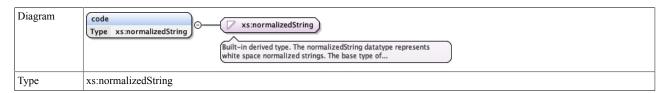
Element index_code



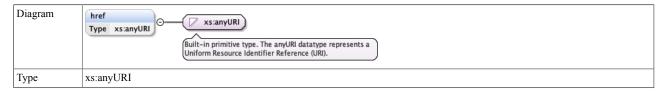
Element index_code / system

Diagram	System Type Restriction of 'xs:token' O───────────────────────────────────		
Type	restriction of xs:token		
Facets	enumeration	RADLEX	
	enumeration	SNOMEDCT	
	enumeration	LOINC	

Element index_code / code



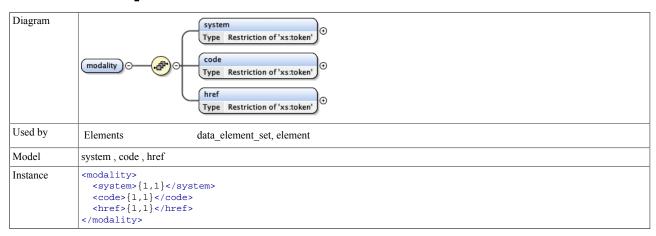
Element index_code / href



Element display

Diagram	display Type xs:string	Built-in primitive type. The string datatype represents character strings in XML.
Type	xs:string	
Used by	Element	index_code

Element modality



Element modality / system

Diagram	system Type Restriction of 'xs:toke	n' ○ restricts: xs:token) ⊙
Type	restriction of xs:token	
Facets	enumeration	DICOM

Element modality / code

Diagram	code Type Restriction of 'xs	:token¹ ○ restricts: xs:token •
Туре	restriction of xs:toker	n
Facets	enumeration	CR
	enumeration	СТ
	enumeration	DX
	enumeration	IVUS
	enumeration	MG
	enumeration	MR
	enumeration	NM
	enumeration	PT
	enumeration	RF
	enumeration	RG
	enumeration	US

enumeration XA

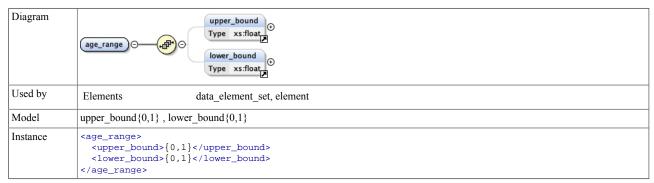
Element modality / href

Diagram	href Type Restriction of 'xs:token' ○ restricts: xs:token ○		
Type	restriction of xs:token		
Facets	enumeration	http://dicom.nema.org/ medical/dicom/ current/output/html/ part03.html#sect_C.7.3.1.1.1	

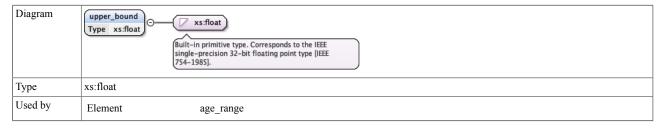
Element biological_sex

Diagram	biological_sex Type Restriction of 'xs:token' ○ restricts: xs:token ○		
Туре	restriction of xs:token		
Facets	enumeration	М	
	enumeration	F	
Used by	Elements	data_element_set, element	

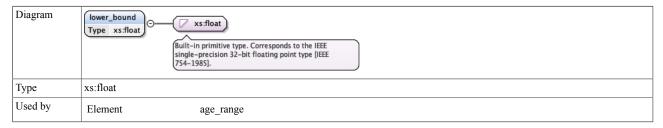
Element age_range



Element upper_bound



Element lower_bound

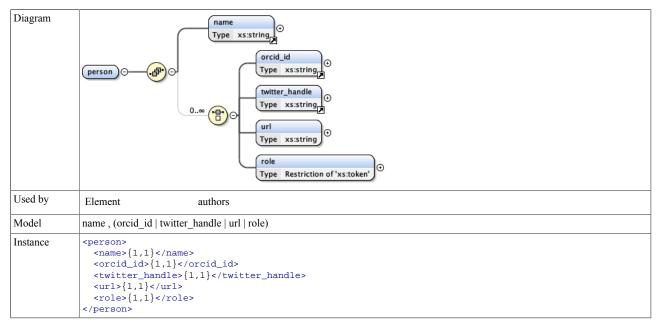


Element authors

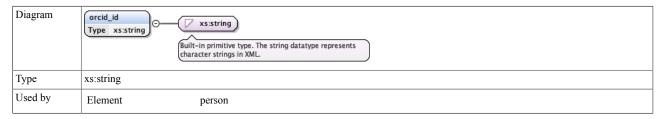


Used by	Elements data_element_set, element, image
Model	person*, organization*
Instance	<pre><authors> <person>{0,unbounded}</person> <organization>{0,unbounded}</organization> </authors></pre>

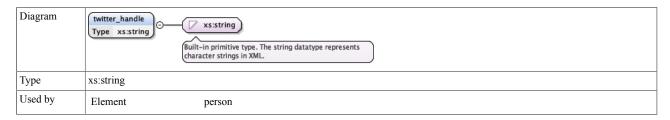
Element person



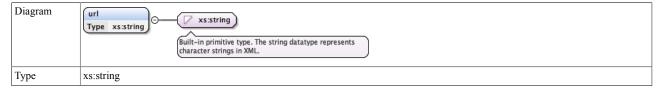
Element orcid_id



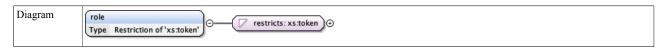
Element twitter_handle



Element person / url

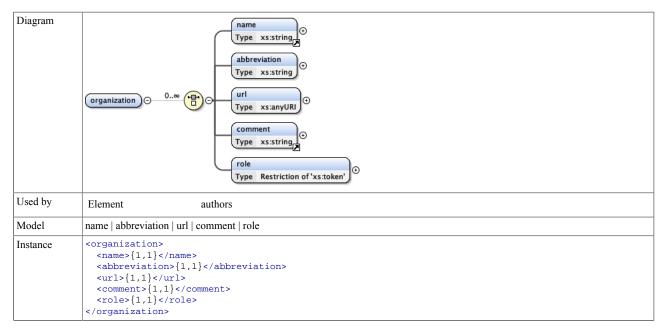


Element person / role

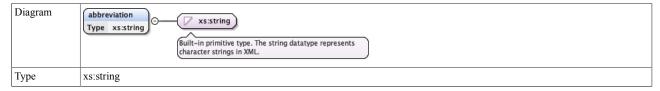


Type	restriction of xs:token	
Facets	enumeration	author
	enumeration	editor
	enumeration	translator
	enumeration	reviewer
	enumeration	contributor

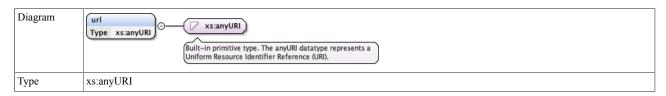
Element organization



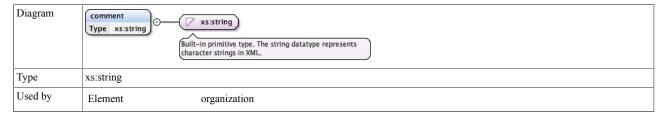
Element organization / abbreviation



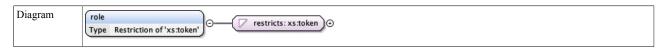
Element organization / url



Element comment

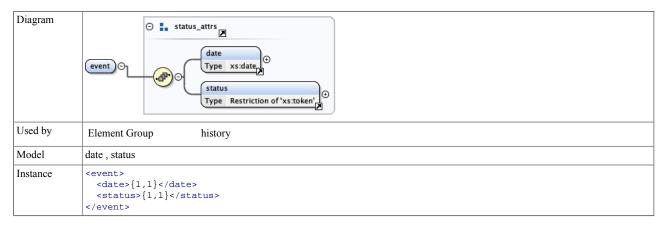


Element organization / role

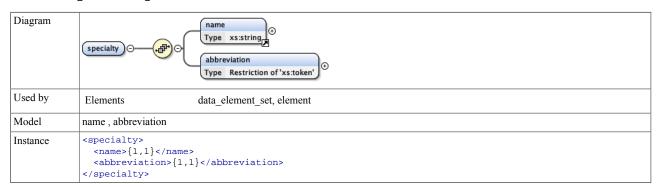


Type	restriction of xs:token	
Facets	enumeration	contributor
	enumeration	sponsor
	enumeration	translator
	enumeration	reviewer
	enumeration	author

Element event



Element specialty

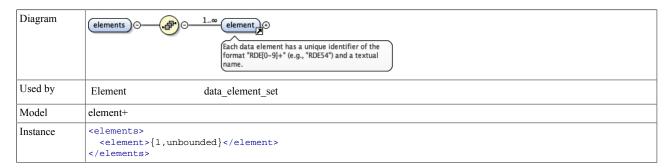


Element specialty / abbreviation

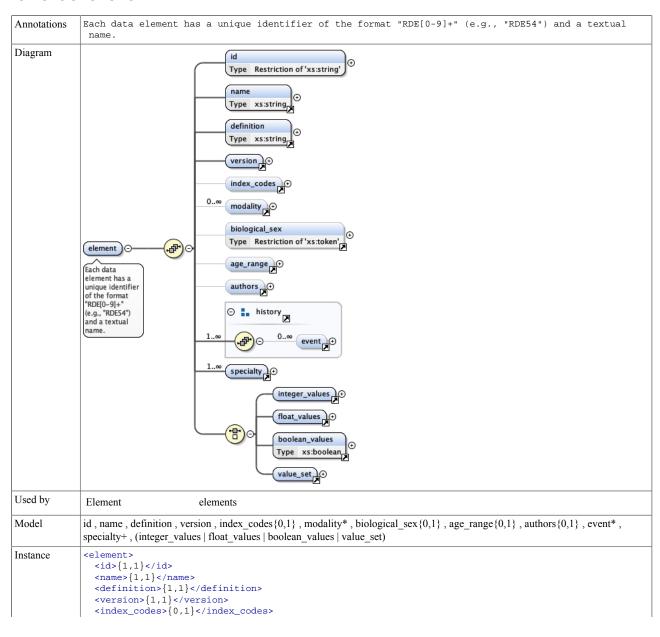
Diagram	abbreviation Type Restriction of '>	ss:token' restricts: xs:token •
Type	restriction of xs:tok	en
Facets	enumeration	AB
	enumeration	BR
	enumeration	CA
	enumeration	СН
	enumeration	ER
	enumeration	GI
	enumeration	GU
	enumeration	HN
	enumeration	IR
	enumeration	MI
	enumeration	MK
	enumeration	NR
	enumeration	OB
	enumeration	OI

	enumeration	OT	
	enumeration	PD	
	enumeration	QI	
	enumeration	RS	
	enumeration	VI	

Element elements



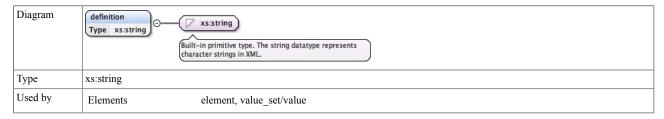
Element element



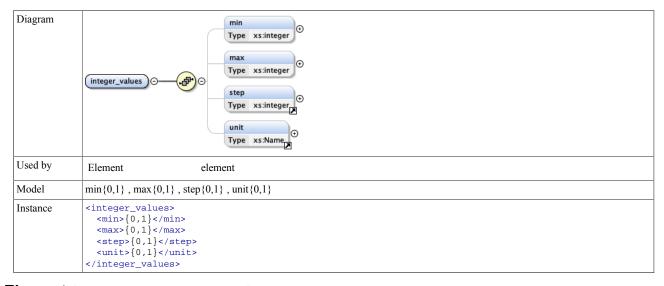
Element element / id

Diagram	id Type Restriction of 'xs:strin	\bigcirc restricts: xs:string \bigcirc
Type	restriction of xs:string	
Facets	pattern	RDE\d+

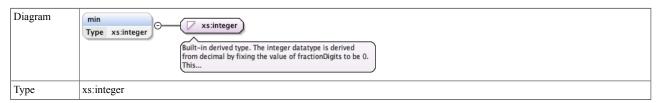
Element definition



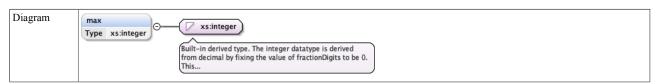
Element integer_values



Element integer_values / min

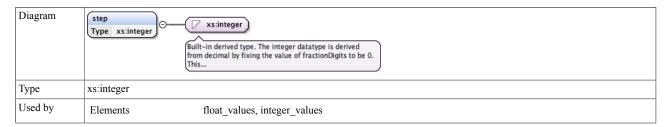


Element integer_values / max

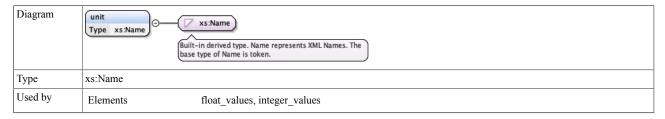


Type xs:integer

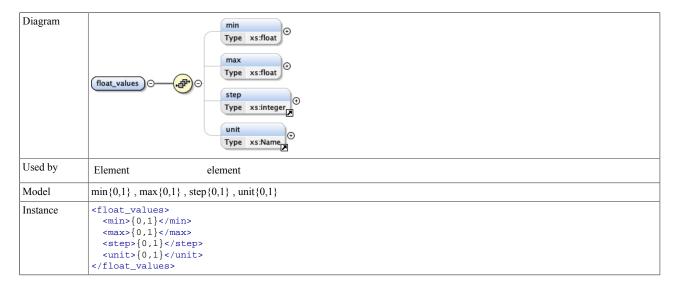
Element step



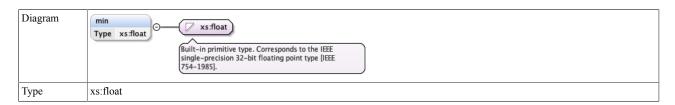
Element unit



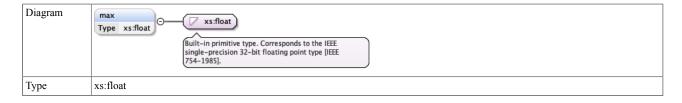
Element float_values



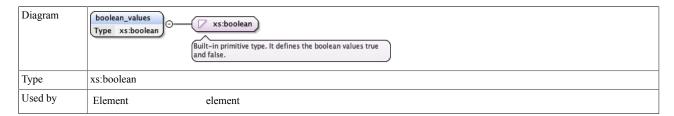
Element float_values / min



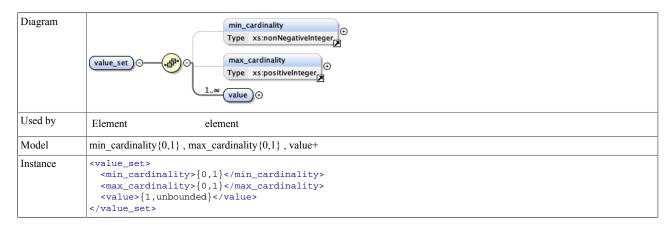
Element float_values / max



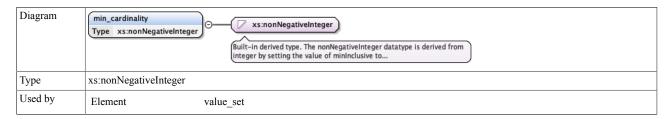
Element boolean_values



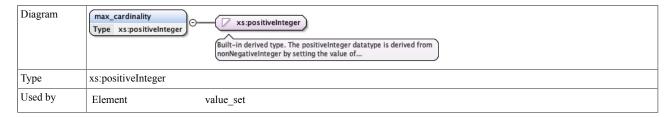
Element value_set



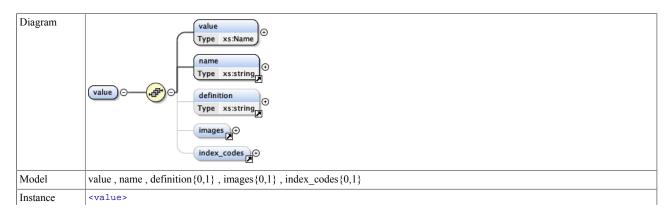
Element min_cardinality



Element max_cardinality

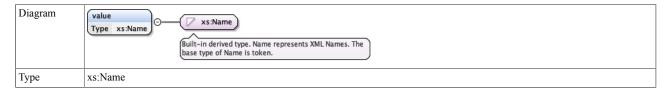


Element value_set / value

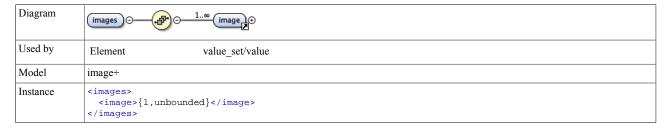


```
<value>{1,1}</value>
  <name>{1,1}</name>
  <definition>{0,1}</definition>
  <images>{0,1}</images>
  <index_codes>{0,1}</index_codes>
</value>
```

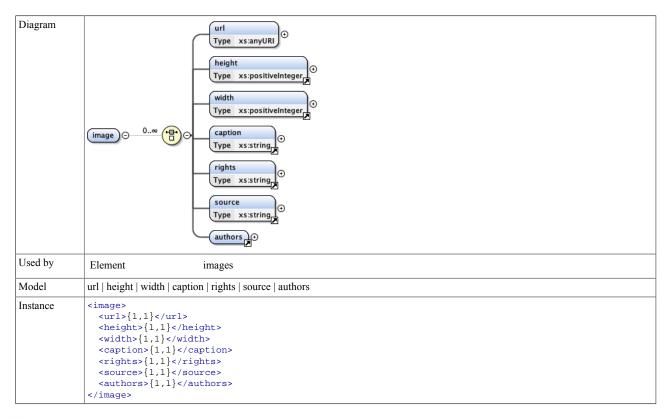
Element value_set / value / value



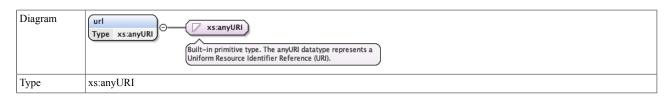
Element images



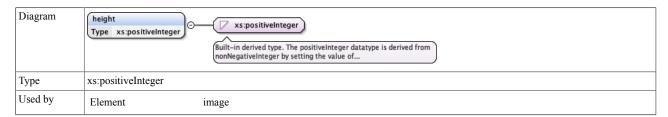
Element image



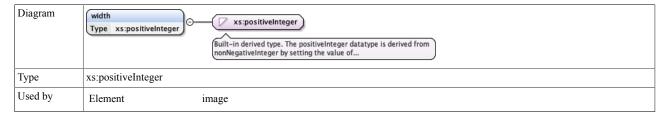
Element image / url



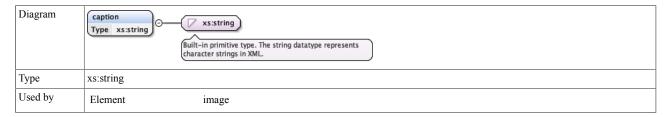
Element height



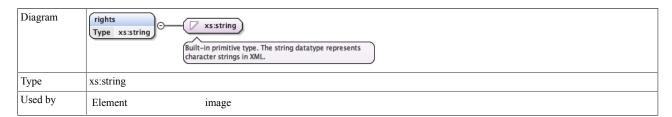
Element width



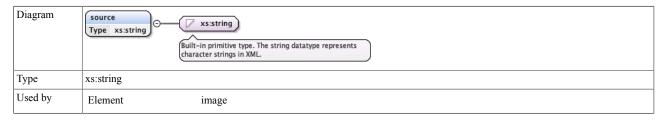
Element caption



Element rights

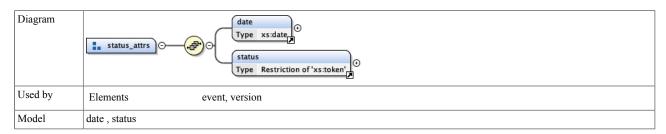


Element source



Element Group(s)

Element Group status_attrs



Element Group history

