Schema documentation for CDE_schema.xsd

december 30, 2019

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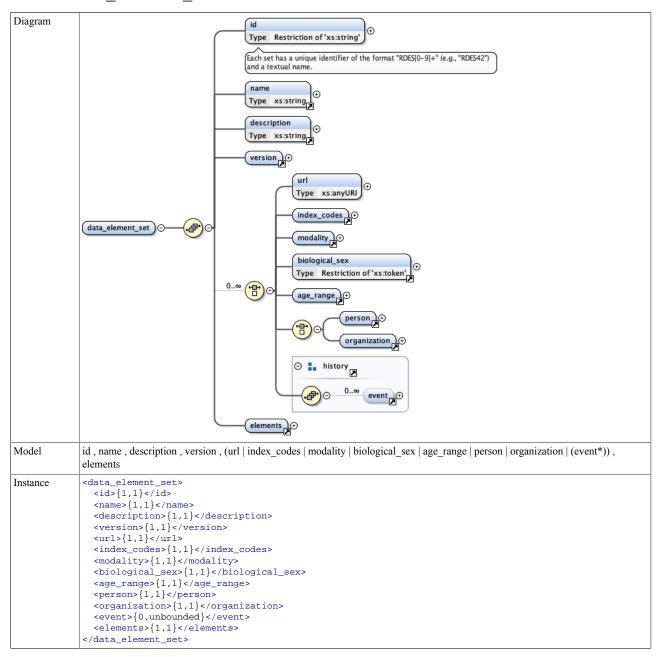
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Schema(s)

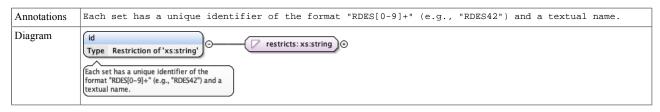
Main schema CDE_schema.xsd

Element(s)

Element data_element_set

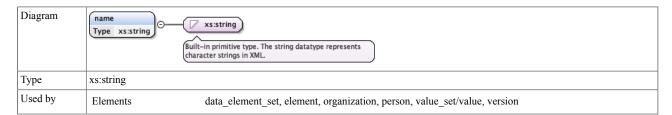


Element data_element_set / id

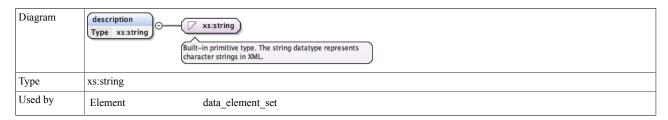


Type		restriction of xs:string		
Facet	ts	pattern	RDES\d+	

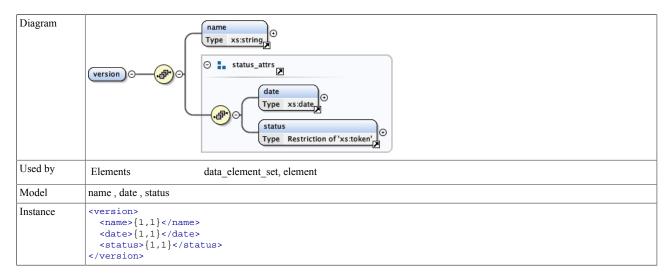
Element name



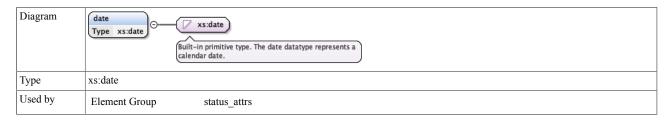
Element description



Element version



Element date

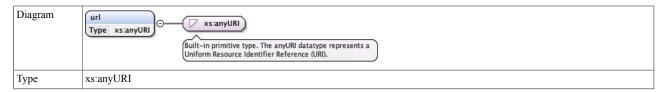


Element status

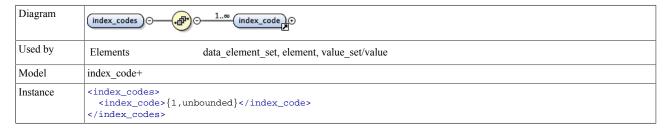


	enumeration	retired
Used by	Element Group	status_attrs

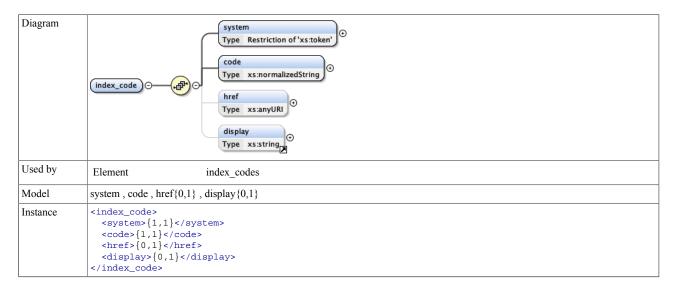
Element data_element_set / url



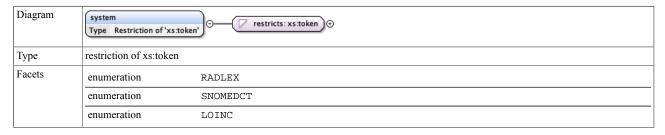
Element index_codes



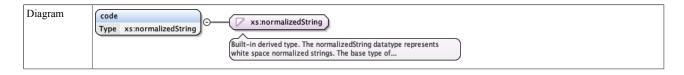
Element index_code



Element index_code / system

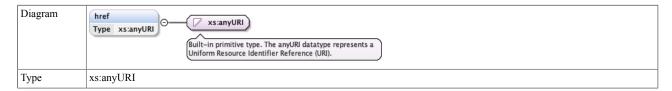


Element index_code / code

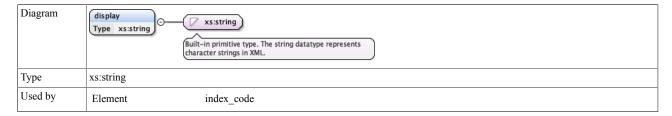


Type xs:normalizedString

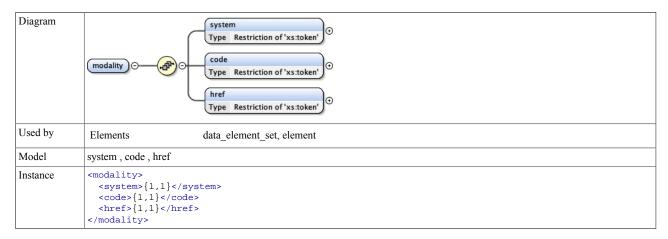
Element index_code / href



Element display



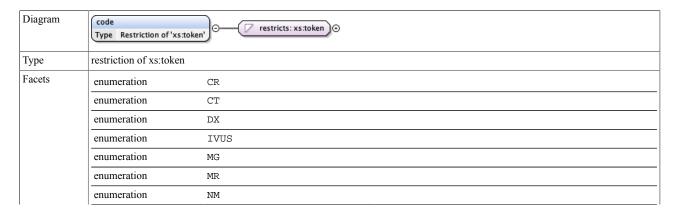
Element modality



Element modality / system

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

Element modality / code



enumeration	PT		
enumeration	RF		
enumeration	RG		
enumeration	US		
enumeration	XA		

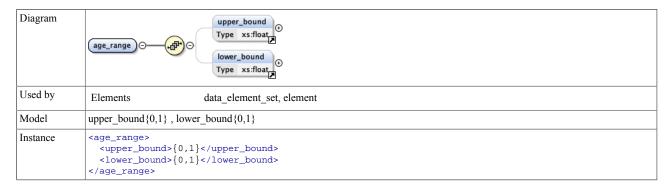
Element modality / href

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

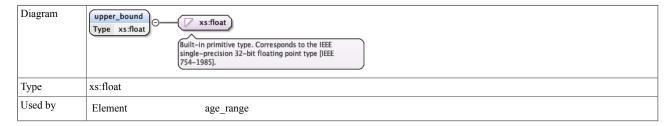
Element biological_sex

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

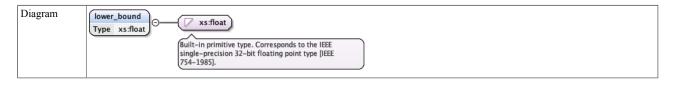
Element age_range



Element upper_bound

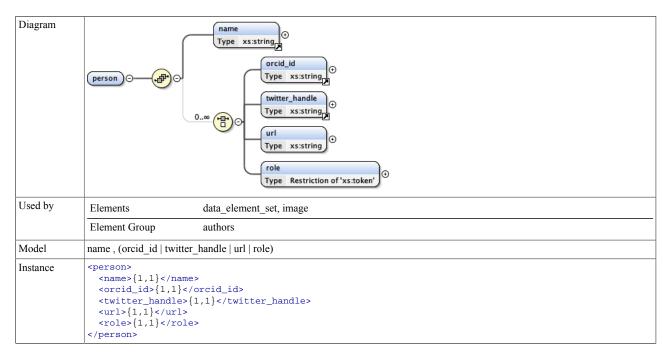


Element lower_bound

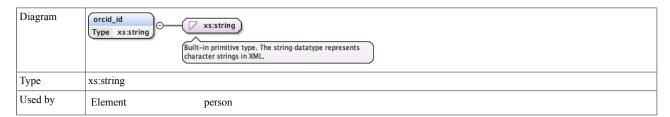


Type	xs:float	
Used by	Element	age_range

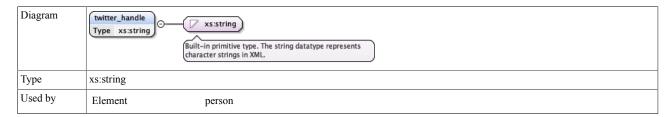
Element person



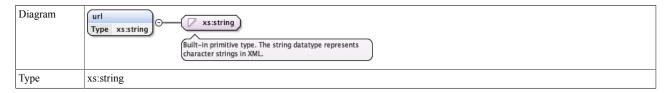
Element orcid_id



Element twitter_handle



Element person / url

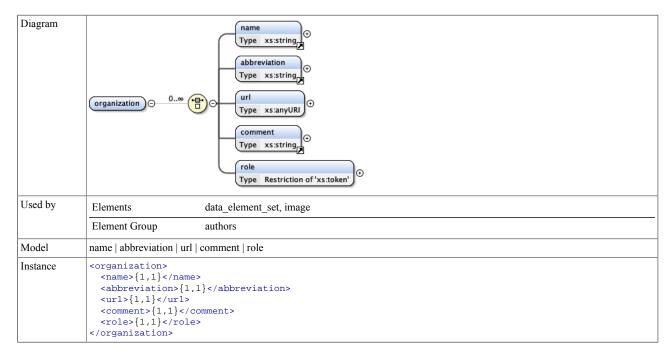


Element person / role

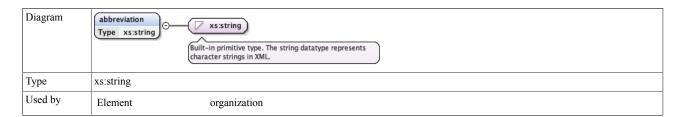


Type	restriction of xs:token	
Facets	enumeration	author
	enumeration	editor
	enumeration	translator
	enumeration	reviewer
	enumeration	contributor

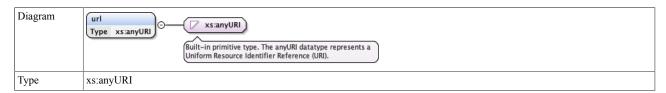
Element organization



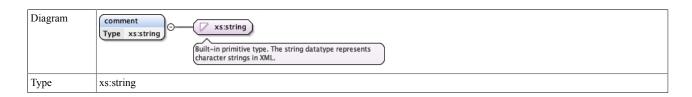
Element abbreviation



Element organization / url



Element comment

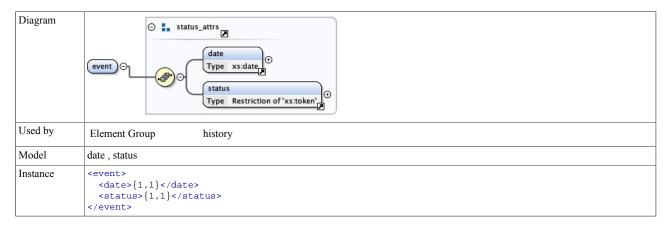


|--|--|

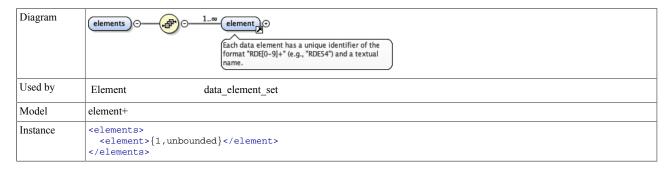
Element organization / role

Diagram	Type Restriction of 'xs:token' ○ restricts: xs:token ⊙		
Type	restriction of xs:token		
Facets	enumeration	contributor	
	enumeration	sponsor	
	enumeration	translator	
	enumeration	reviewer	
	enumeration	author	

Element event

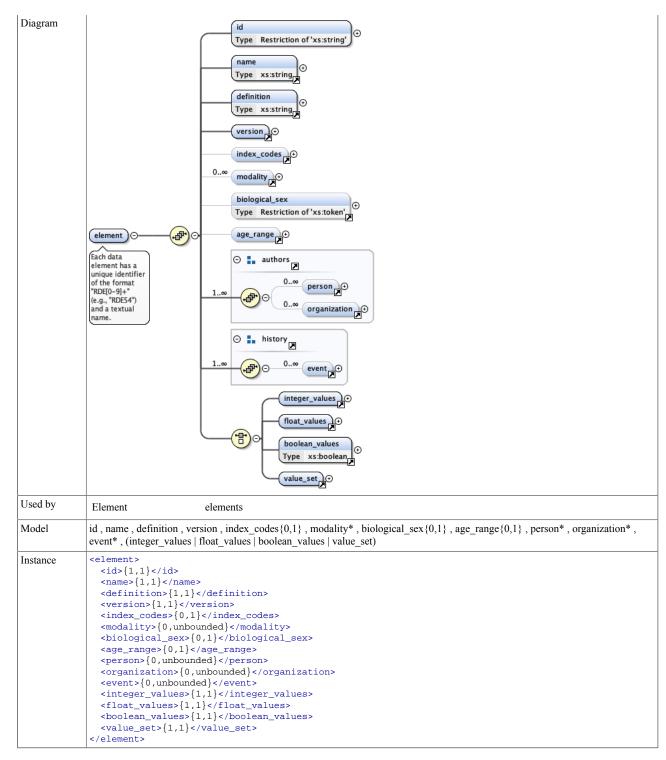


Element elements

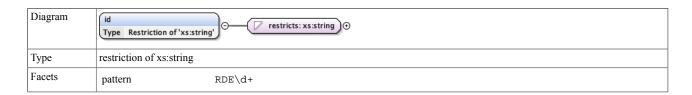


Element element

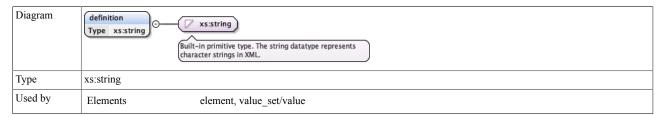
Annotations	Each data	element	has a	a unique	identifier	of th	e format	"RDE[0-9]+"	(e.g.,	"RDE54")	and	a textual	
	name.												



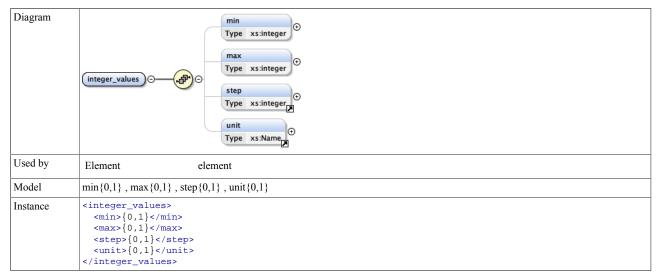
Element element / id



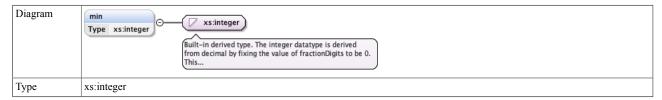
Element definition



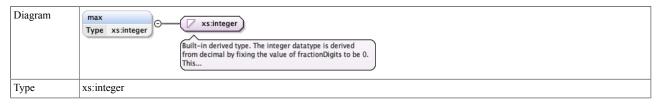
Element integer_values



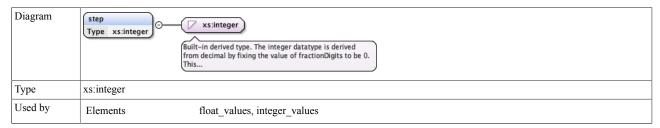
Element integer_values / min



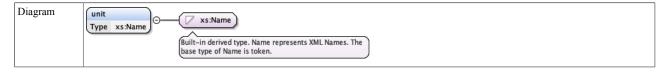
Element integer_values / max



Element step

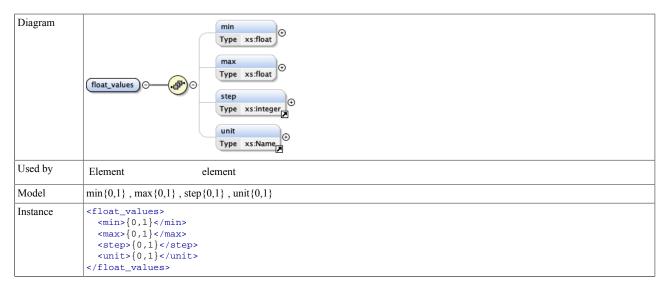


Element unit

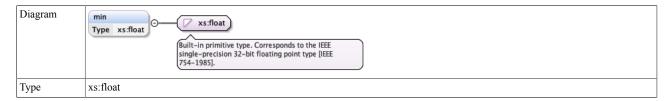


Type	xs:Name	
Used by	Elements	float_values, integer_values

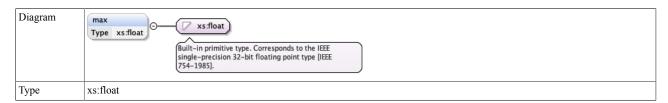
Element float_values



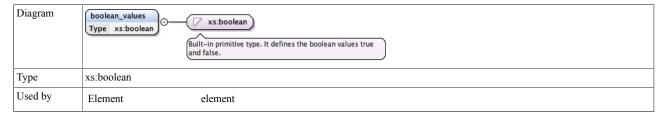
Element float_values / min



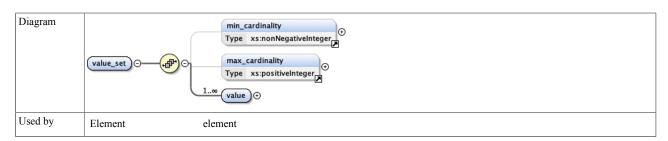
Element float_values / max



Element boolean_values



Element value_set

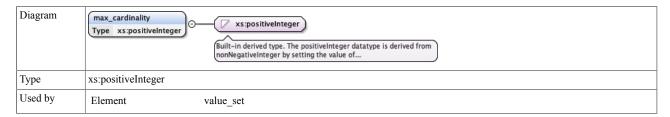


Model	$\label{limin_cardinality} \\ \mbox{ min_cardinality} \\ \{0,1\} \;, \\ \mbox{ max_cardinality} \\ \{0,1\} \;, \\ \mbox{ value+}$
Instance	<pre><value_set> <min_cardinality>{0,1}</min_cardinality> <max_cardinality>{0,1}</max_cardinality> <value>{1,unbounded}</value> </value_set></pre>

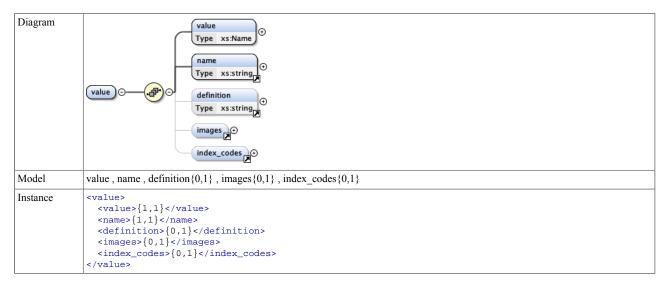
Element min_cardinality

Diagram	min_cardinality Type xs:nonNegativeInteger	Built-in derived type. The nonNegativeInteger datatype is derived from integer by setting the value of minInclusive to
Type	xs:nonNegativeInteger	
Used by	Element	value_set

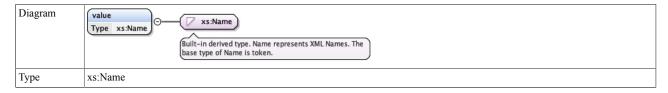
Element max_cardinality



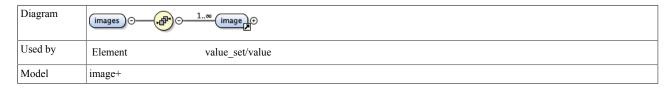
Element value_set / value



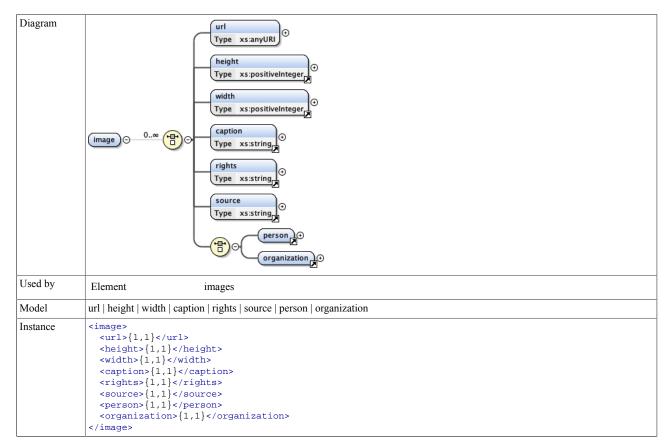
Element value_set / value / value



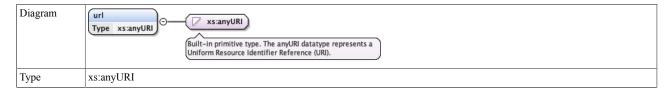
Element images



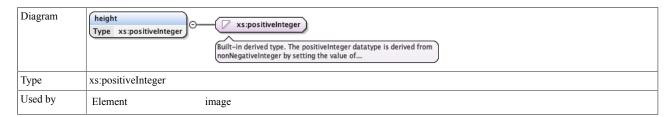
Element image



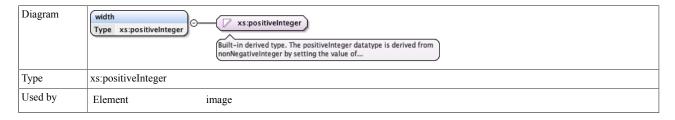
Element image / url



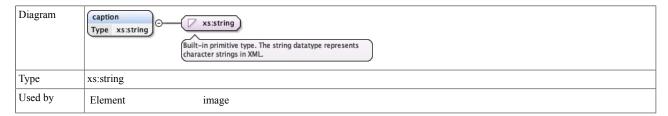
Element height



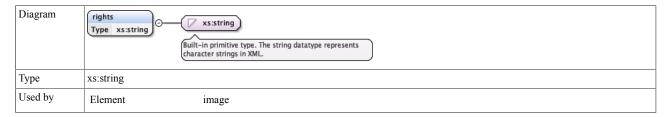
Element width



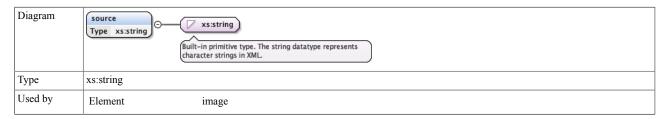
Element caption



Element rights

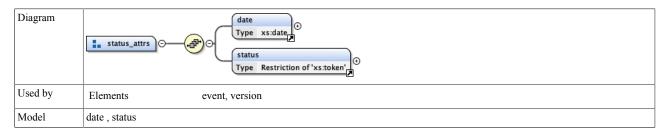


Element source

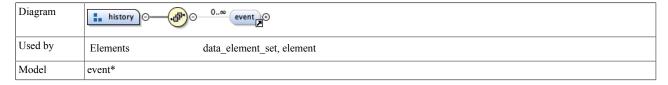


Element Group(s)

Element Group status_attrs



Element Group history



Element Group authors

