Schema documentation for CDE_schema.xsd

october 23, 2018

Table of Contents

	hema CDE_schema.xsd
ent(s)	
	data_element_set
Element	data_element_set / id
	name
Element	description
	data element set / url
	index_codes
	index_code
	index_code / system
	index_code / code
	index_code / href
	display
	modality
Element	modality / system
Element	modality / code
Element	modality / href
Element	biological_sex
Element	age_range
	upper_bound
	lower bound
	person
	orcid_id
	twitter_handle
	person / url
	person / role
	organization
	abbreviation
Element	organization / url
Element	comment
	organization / role
	event
	date
	status
	elements
	element
	element / id
	definition
	version
	version_number
	integer_values
Element	integer_values / min
Element	integer_values / max
Element	step
	unit
	float values
	float_values / min
	float_values / max
	boolean_values
	value_set
	min_cardinality
Element	max_cardinality
Element	value_set / value
Element	value_set / value / value
Element	images
	image
	image / url
	height
	-
	width
	caption
	rights
Flement	Source

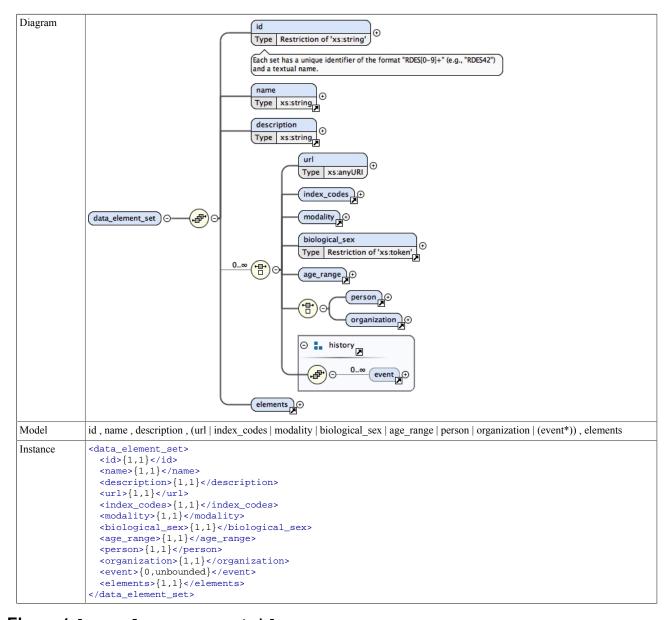
Element Group(s)	15
Element Group history	15
Element Group status_attrs	15
Element Group authors	15

Schema(s)

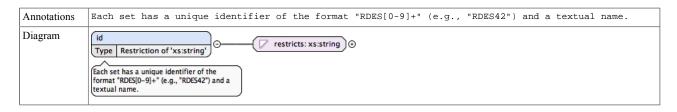
Main schema CDE_schema.xsd

Element(s)

Element data_element_set

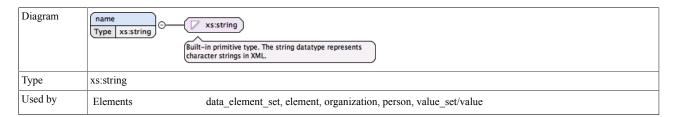


Element data_element_set / id

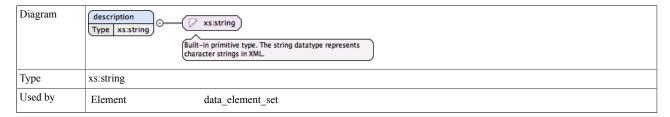


Type	restriction of xs:string	
Facets	pattern	RDES\d+

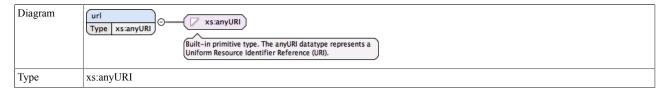
Element name



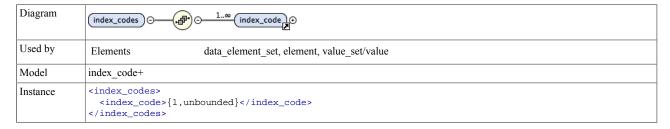
Element description



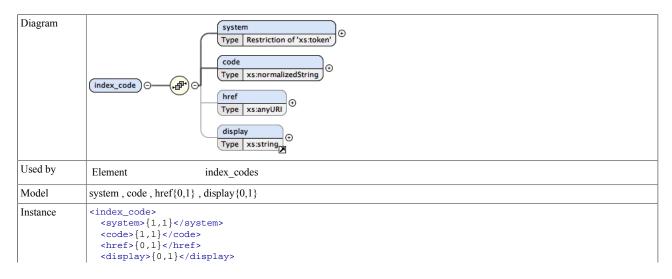
Element data_element_set / url



Element index_codes

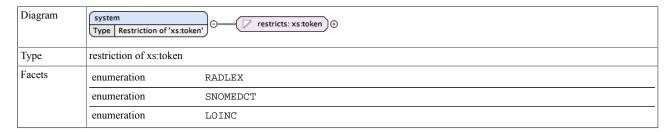


Element index_code

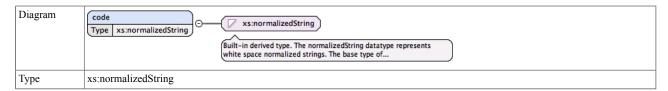


</index_code>

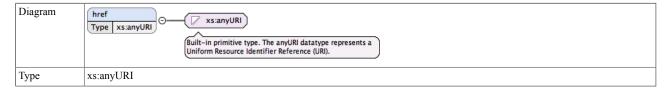
Element index_code / system



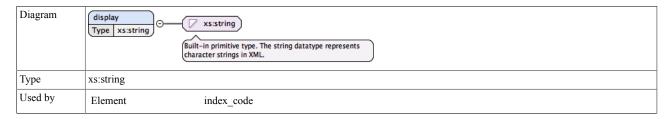
Element index_code / code



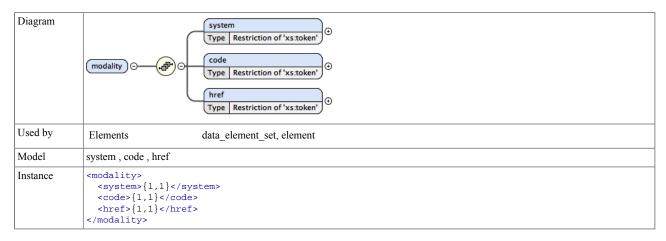
Element index_code / href



Element display



Element modality

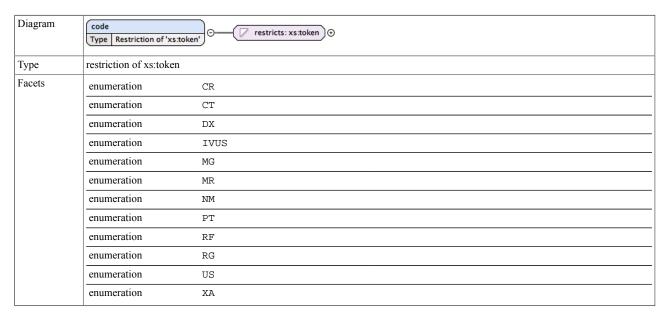


Element modality / system



Type	restriction of xs:token	SUICUOII OI AS.UNCII		
Facets	enumeration	DICOM		

Element modality / code



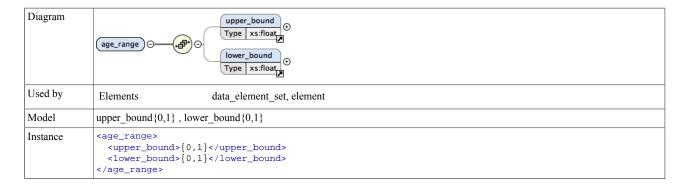
Element modality / href

Diagram	href Type Restriction of '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		

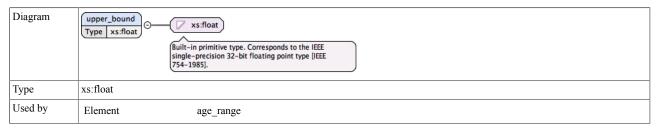
Element biological_sex

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

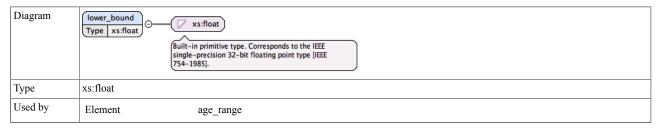
Element age_range



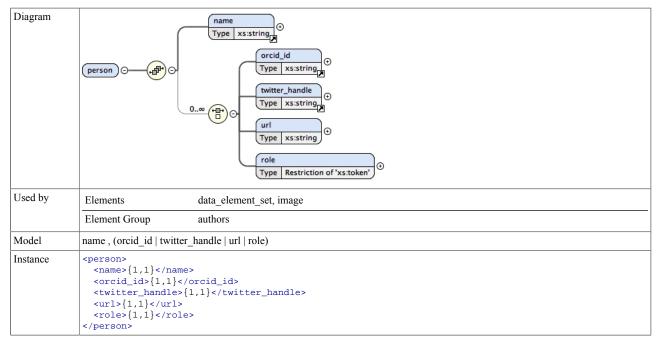
Element upper_bound



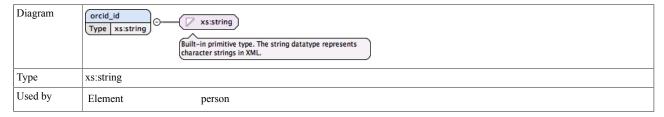
Element lower_bound



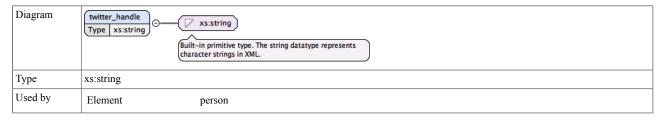
Element person



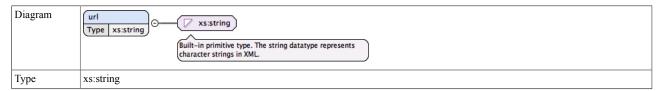
Element orcid_id



Element twitter_handle



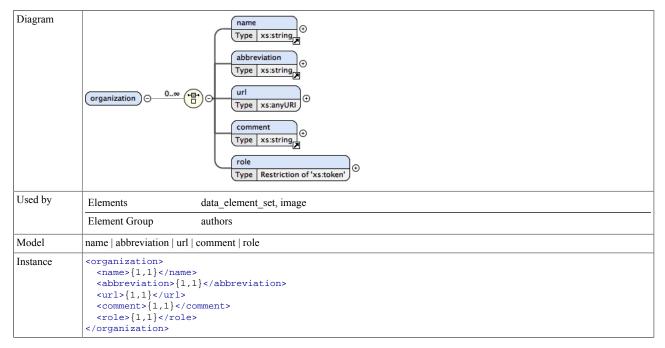
Element person / url



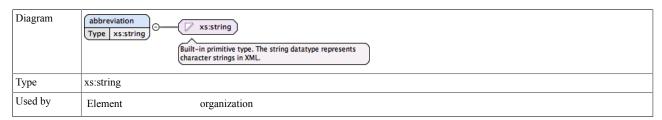
Element person / role

Diagram	Tole Type Restriction of 'xs:token' Type Restriction of 'xs:token'		
Type	restriction of xs:token		
Facets enumeration author		author	
	enumeration	editor	
	enumeration	translator	
	enumeration	reviewer	
	enumeration	contributor	

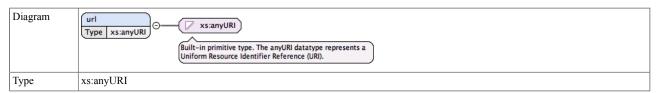
Element organization



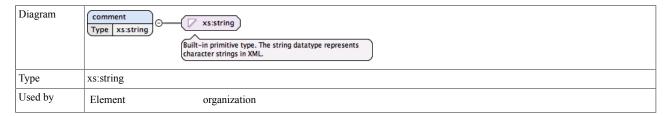
Element abbreviation



Element organization / url



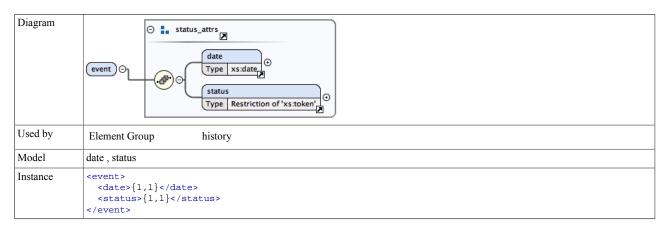
Element comment



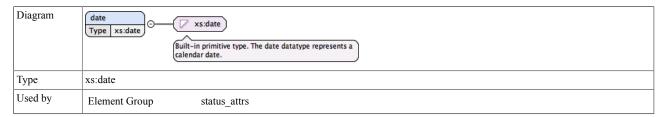
Element organization / role

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

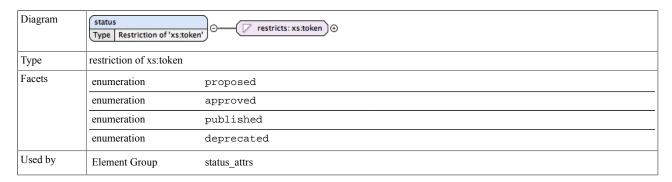
Element event



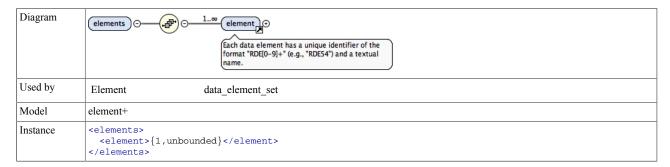
Element date



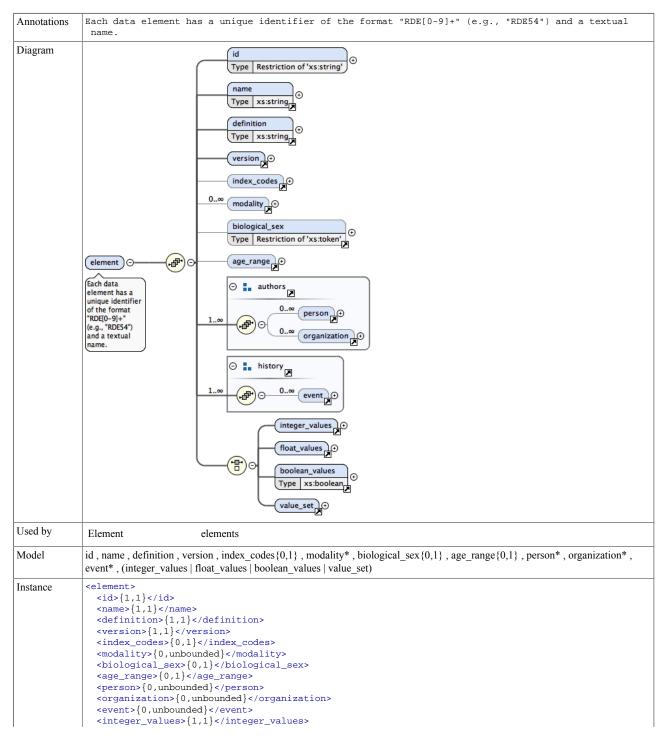
Element status



Element elements



Element element

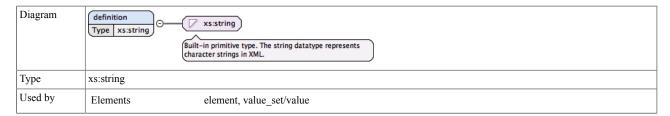


```
<float_values>{1,1}</float_values>
  <boolean_values>{1,1}</boolean_values>
   <value_set>{1,1}</value_set>
  </element>
```

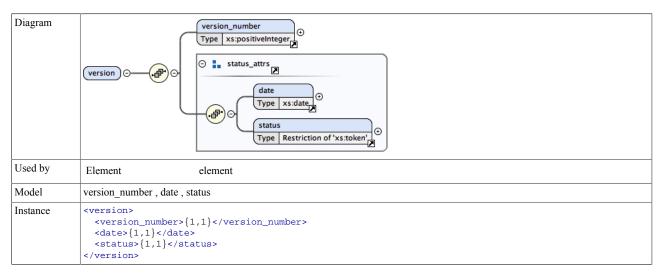
Element element / id

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

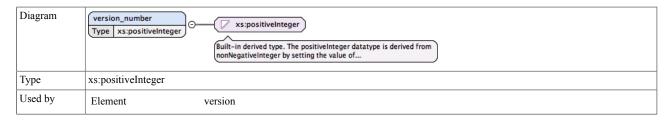
Element definition



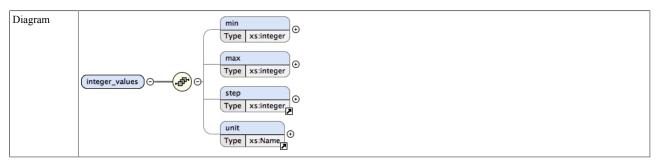
Element version



Element version_number

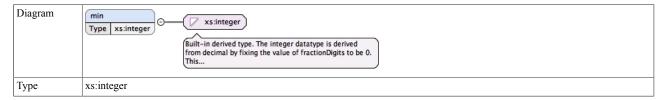


Element integer_values

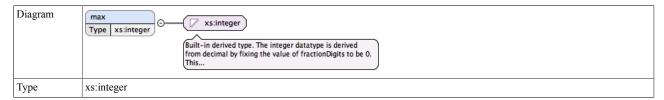


Used by	Element element
Model	$\min\{0,1\}$, $\max\{0,1\}$, $step\{0,1\}$, $unit\{0,1\}$
Instance	<pre><integer_values></integer_values></pre>

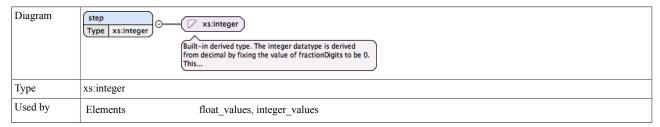
Element integer_values / min



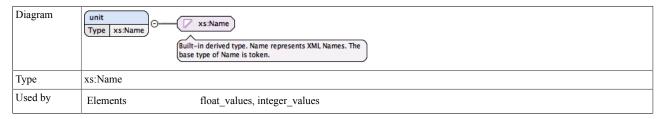
Element integer_values / max



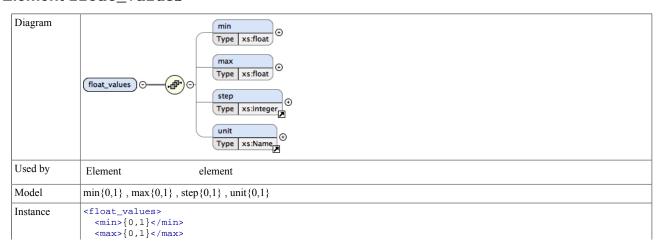
Element step



Element unit

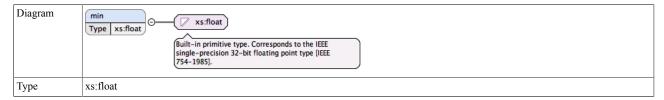


Element float_values

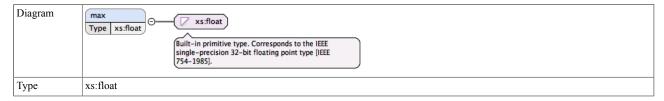


```
<step>{0,1}</step>
<unit>{0,1}</unit>
</float_values>
```

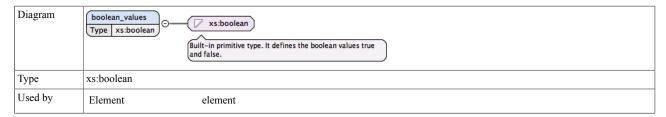
Element float_values / min



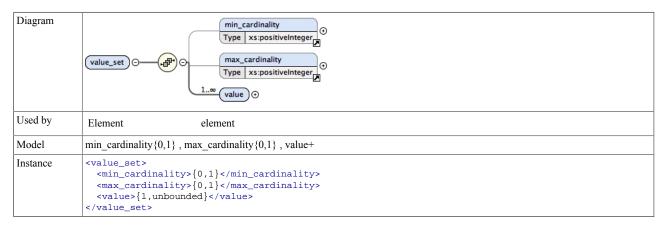
Element float_values / max



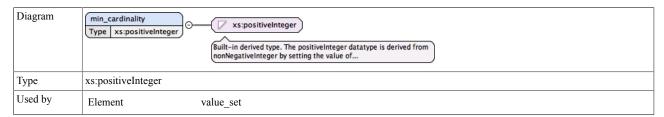
Element boolean_values



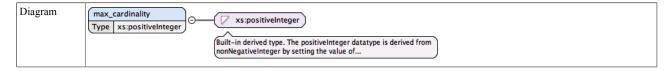
Element value_set



Element min_cardinality

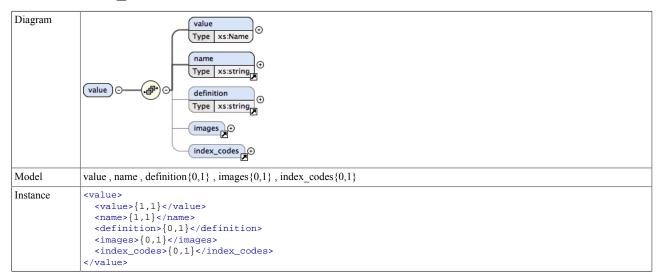


Element max_cardinality

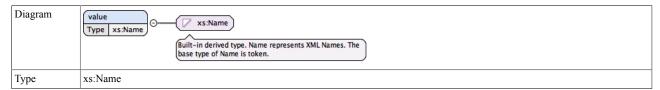


Type	xs:positiveInteger	::positiveInteger		
Used by	Element	value_set		

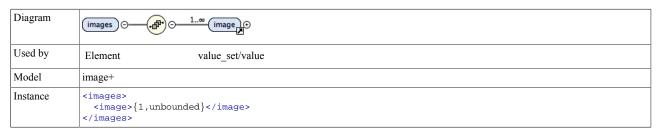
Element value_set / value



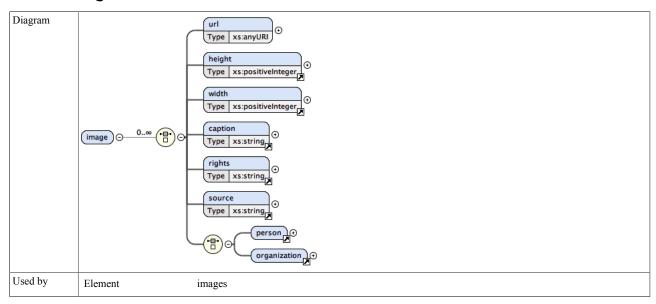
Element value_set / value / value



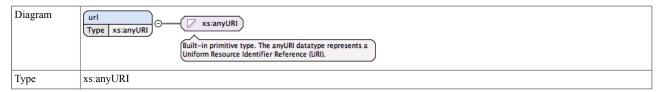
Element images



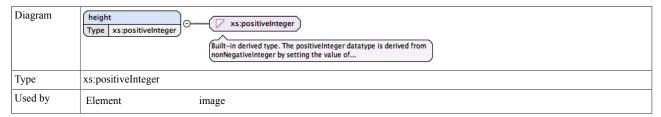
Element image



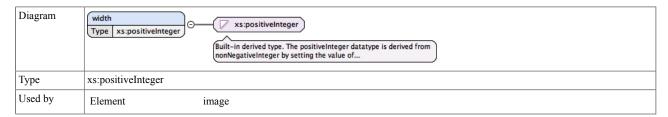
Element image / url



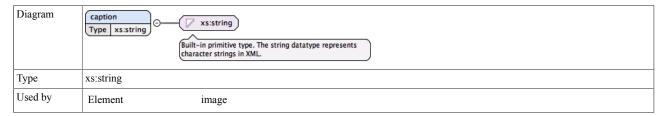
Element height



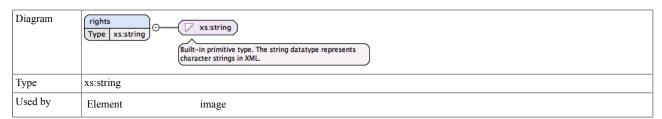
Element width



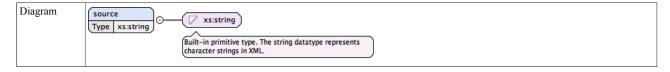
Element caption



Element rights



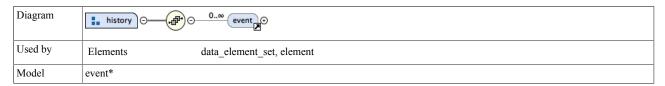
Element source



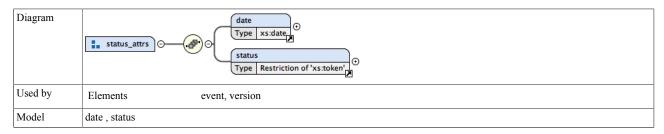
Type	xs:string		
Used by	Element	image	

Element Group(s)

Element Group history



Element Group status_attrs



Element Group authors

