

Schema documentation for CDE_schema.xsd

june 29, 2018

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Schema(s)

Main schema CDE_schema.xsd

Element(s)

Element data_element_set

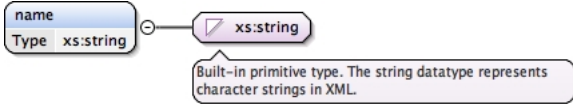
Diagram				
Model	(person organization (event*)) , elements+			
Instance	<pre> <data_element_set description="" id="" name="" url=""> <person>{1,1}</person> <organization>{1,1}</organization> <event date="" status="">{0,unbounded}</event> <elements>{1,unbounded}</elements> </data_element_set> </pre>			
Attributes	QName	Type	Use	
	description		required	
	id		required	
		Each set has a unique identifier of the format "RDE[0-9]+" (e.g., "RDE54") and a textual name.		
	name		required	
	url	xs:anyURI	required	

Element person

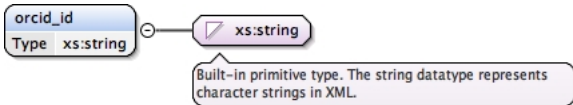
Diagram				
Used by	Elements	data_element_set, element, image		
	Element Group	authors		

Model	name , (orcid_id twitter_handle url role)
Instance	<pre> <person> <name>{1,1}</name> <orcid_id>{1,1}</orcid_id> <twitter_handle>{1,1}</twitter_handle> <url>{1,1}</url> <role>{1,1}</role> </person> </pre>

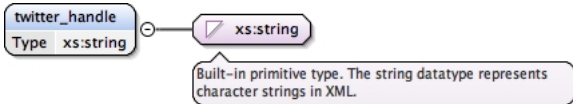
Element name

Diagram		
Type	xs:string	
Used by	Elements	organization, person

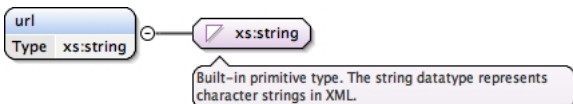
Element orcid_id

Diagram		
Type	xs:string	
Used by	Element	person

Element twitter_handle

Diagram		
Type	xs:string	
Used by	Element	person

Element person / url

Diagram		
Type	xs:string	

Element person / role

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

Element organization

Diagram	
Used by	<div>Elements</div> <div>data_element_set, element, image</div> <div>Element Group</div> <div>authors</div>
Model	name abbreviation url comment role
Instance	<pre> <organization> <name>{1,1}</name> <abbreviation>{1,1}</abbreviation> <url>{1,1}</url> <comment>{1,1}</comment> <role>{1,1}</role> </organization> </pre>

Element abbreviation

Diagram	
Type	xs:string
Used by	<div>Element</div> <div>organization</div>

Element organization / url

Diagram	
Type	xs:anyURI

Element comment

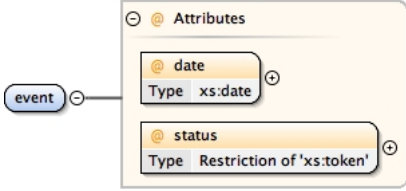
Diagram	
Type	xs:string
Used by	<div>Element</div> <div>organization</div>

Element organization / role

Diagram	
Type	restriction of xs:token
Facets	<div>enumeration</div> <div>contributor</div> <div>enumeration</div> <div>sponsor</div>

	enumeration	translator
	enumeration	reviewer
	enumeration	author

Element event

Diagram				
Used by	Element Group	history		
Attributes	QName	Type	Use	
	date	xs:date	required	
	status	restriction of xs:token	required	

Element elements

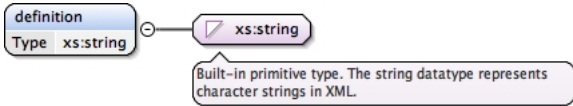
Diagram	<p>UML diagram showing an 'elements' container connected to an 'element' entity. The 'element' entity has a note: "Each data element has a unique identifier of the format "RDE[0-9]+" (e.g., "RDE54") and a textual name."</p>
Used by	Element data_element_set
Model	element+
Instance	<pre><elements> <element id=" " name=" ">{1,unbounded}</element> </elements></pre>

Element element


Annotations	Each data element has a unique identifier of the format "RDE[0-9]+" (e.g., "RDE54") and a textual name.
Diagram	<p>UML class diagram for the element class:</p> <ul style="list-style-type: none">element class:<ul style="list-style-type: none">Attributes: <code>id</code>, <code>name</code>Associations:<ul style="list-style-type: none">1 element to many definition (Type <code>xs:string</code>)1 element to many (choice of person or organization)0..∞ element to 0..∞ history (which contains event)1 element to many index_codes1 element to many instructions (Type <code>xs:string</code>)1 element to many version1 element to many images
Used by	Element elements
Model	definition person organization (event*) index_codes instructions version images

Instance	<pre> <element id=" " name=" "> <definition>{1,1}</definition> <person>{1,1}</person> <organization>{1,1}</organization> <event date=" " status=" ">{0,unbounded}</event> <index_codes>{1,1}</index_codes> <instructions>{1,1}</instructions> <version date=" " number=" ">{1,1}</version> <images>{1,1}</images> </element> </pre>			
Attributes	QName	Type	Use	
	id		required	
	name		required	

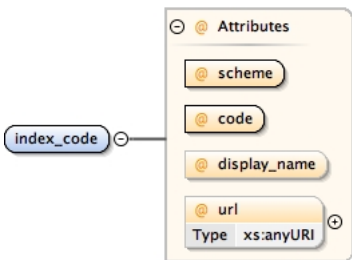
Element definition

Diagram				
Type	xs:string			
Used by	Element	element		

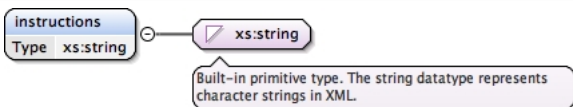
Element index_codes

Diagram				
Used by	Element	element		
Model	index_code*			
Instance	<pre> <index_codes> <index_code code=" " display_name=" " scheme=" " url=" ">{0,unbounded}</index_code> </index_codes> </pre>			

Element index_code

Diagram				
Used by	Element	index_codes		
Attributes	QName	Type	Use	
	code		required	
	display_name		optional	
	scheme		required	
	url	xs:anyURI	optional	

Element instructions

Diagram				
Type	xs:string			

Used by	Element	element
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Element version

Diagram				
Used by	Element	element		
Attributes	QName	Type	Use	
	date	xs:date	required	
	number		required	

Element images

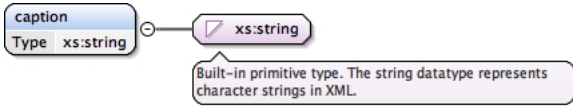
Diagram	<p>The diagram shows a class 'images' connected to a class 'image'. The 'images' class has a composition-like relationship with 'image', indicated by a filled circle on the 'images' side and an open circle on the 'image' side. The multiplicity '0..∞' is shown near the 'image' class.</p>
Used by	Element element
Model	image*
Instance	<pre><images> <image height=" " url=" " width=" ">{0,unbounded}</image> </images></pre>

Element image

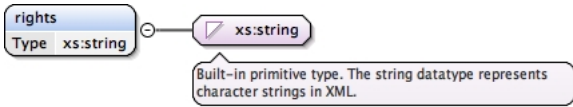
Diagram				
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	QName	Type	Use	
	width	xs:positiveInteger	optional	

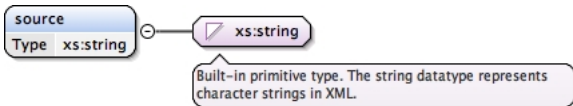
Element caption

Diagram				
Type	xs:string			
Used by	Element	image		

Element rights

Diagram				
Type	xs:string			
Used by	Element	image		

Element source

Diagram				
Type	xs:string			
Used by	Element	image		

Attribute(s)

Attribute event / @date

Type	xs:date		
Used by	Element	event	

Attribute event / @status

Type	restriction of xs:token		
Facets	enumeration	proposed	
	enumeration	approved	
	enumeration	published	
	enumeration	deprecated	
Used by	Element	event	

Attribute index_code / @scheme

Used by	Element	index_code	
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Attribute index_code / @code

Used by	Element	index_code	
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Attribute index_code / @display_name

Used by	Element	index_code	
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Attribute index_code / @url

Type	xs:anyURI	
Used by	Element	index_code

Attribute version / @number

Used by	Element	version
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Attribute version / @date

Type	xs:date	
Used by	Element	version

Attribute image / @url

Type	xs:anyURI	
Used by	Element	image

Attribute image / @height

Type	xs:positiveInteger	
Used by	Element	image

Attribute image / @width

Type	xs:positiveInteger	
Used by	Element	image

Attribute element / @id

Used by	Element	element
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Attribute element / @name

Used by	Element	element
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Attribute data_element_set / @id

Annotations	Each set has a unique identifier of the format "RDE[0-9]+" (e.g., "RDE54") and a textual name.	
Used by	Element	data_element_set

Attribute data_element_set / @name

Used by	Element	data_element_set
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Attribute data_element_set / @description

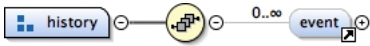
Used by	Element	data_element_set
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Attribute data_element_set / @url

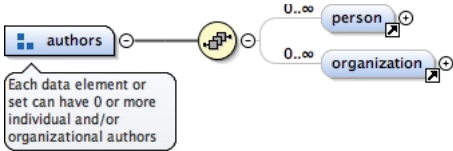
Type	xs:anyURI	
Used by	Element	data_element_set

Element Group(s)

Element Group history

Diagram		
Used by	Elements	data_element_set, element
Model	event*	

Element Group authors

Annotations	Each data element or set can have 0 or more individual and/or organizational authors	
Diagram		
Model	person* , organization*	