

Schema documentation for CDE_schema.xsd

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Schema(s)

Main schema CDE_schema.xsd

Element(s)

Element element_set

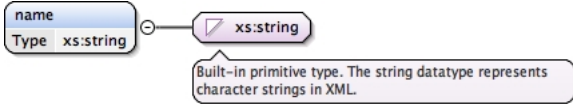
Diagram	<p>Diagram of the <code>element_set</code> element. It is a container element with attributes <code>id</code>, <code>name</code>, <code>description</code>, and <code>url</code> (Type <code>xs:anyURI</code>). It contains a choice of elements: <code>person</code>, <code>organization</code>, and <code>event</code> (0..∞), and a sequence of elements (1..∞).</p>			
Model	(person organization (event*)) , elements+			
Instance	<pre> <element_set description="" id="" name="" url=""> <person>{1,1}</person> <organization>{1,1}</organization> <event date="" status="">{0,unbounded}</event> <elements>{1,unbounded}</elements> </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

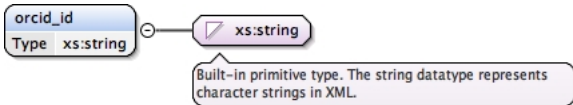
Diagram	<p>Diagram of the <code>person</code> element. It is a container element with attributes <code>name</code> (Type <code>xs:string</code>), <code>orcid_id</code> (Type <code>xs:string</code>), <code>twitter_handle</code> (Type <code>xs:string</code>), <code>url</code> (Type <code>xs:string</code>), and <code>role</code> (Type <code>Restriction of 'xs:token'</code>).</p>		
Used by	Elements	element, element_set, 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>

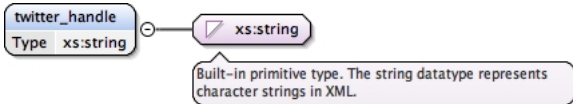
Element name

Diagram		
Type	xs:string	
Used by	Elements	organization, person

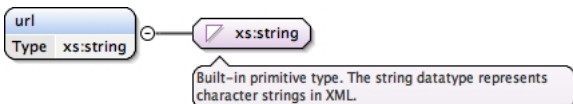
Element orcid_id

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	Elements	element, element_set, image
	Element Group	authors
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	Element	organization

Element organization / url

Diagram		
Type	xs:anyURI	

Element comment

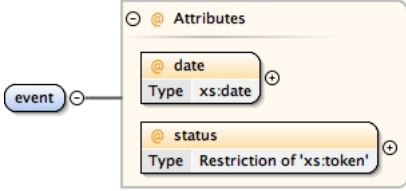
Diagram		
Type	xs:string	
Used by	Element	organization

Element organization / role

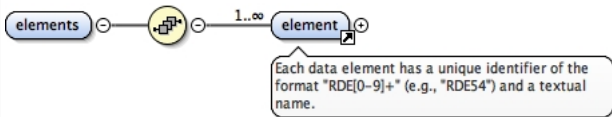
Diagram		
Type	restriction of xs:token	
Facets	enumeration	contributor
	enumeration	sponsor

	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

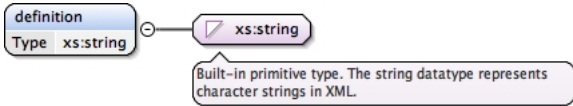
Diagram	
Used by	Element element_set
Model	element+
Instance	<pre><elements> <element id="" name="">{1,unbounded}</element> </elements></pre>

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: id, nameAssociations:<ul style="list-style-type: none">definition (Type <code>xs:string</code>): 1 to manyChoice of person and organization: 1 to manyhistory container: 0..∞ to 0..∞<ul style="list-style-type: none">event: 0..∞ to 1index_codes: 1 to manyinstructions (Type <code>xs:string</code>): 1 to manyversion: 1 to manyimages: 1 to many
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	

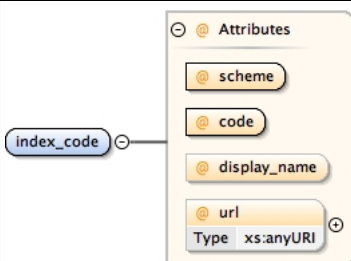
Element definition

Diagram			
Type	xs:string		
Used by	Element	element	

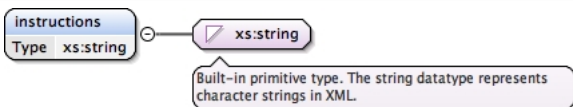
Element index_codes

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

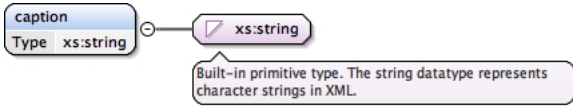
Diagram	
Used by	Element element
Model	image*
Instance	<pre><images> <image height=" " url=" " width=" ">{0,unbounded}</image> </images></pre>

Element image

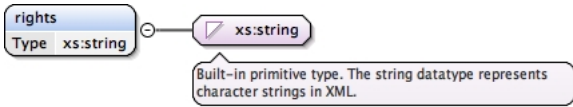
Diagram				
Used by	Element	images		
Model	caption rights source person organization			
Instance	<pre><image height="" url="" width=""> <caption>{1,1}</caption> <rights>{1,1}</rights> <source>{1,1}</source> <person>{1,1}</person> <organization>{1,1}</organization> </image></pre>			
Attributes	QName	Type	Use	
	height	xs:positiveInteger	optional	
	url	xs:anyURI	required	

	QName	Type	Use	
	width	xs:positiveInteger	optional	

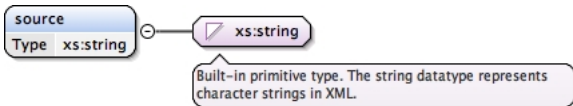
Element caption

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 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	element_set

Attribute element_set / @name

Used by	Element	element_set
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Attribute element_set / @description

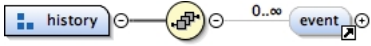
Used by	Element	element_set
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Attribute element_set / @url

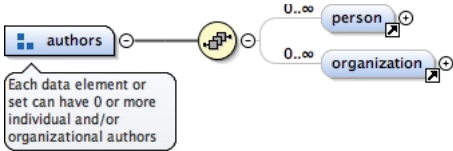
Type	xs:anyURI	
Used by	Element	element_set

Element Group(s)

Element Group history

Diagram		
Used by	Elements	element, element_set
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*	