

Schema documentation for CDE_schema.xsd

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Schema(s)

Main schema CDE_schema.xsd

Element(s)

Element set

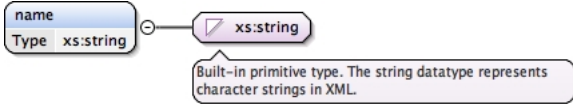
Diagram				
Model	(person organization (event*)) , elements+			
Instance	<pre> <set description="" id="" name="" url=""> <person>{1,1}</person> <organization>{1,1}</organization> <event date="" status="">{0,unbounded}</event> <elements>{1,unbounded}</elements> </set> </pre>			
Attributes	QName	Type	Use	
	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

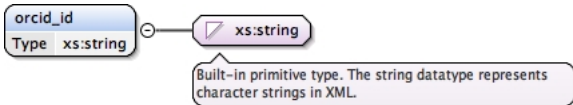
Diagram			
Used by	Elements	element, image, set	
	Element Group	authors	

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>

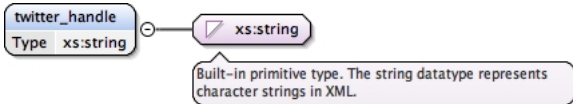
Element name

Diagram		
Type	xs:string	
Used by	Elements	organization, person

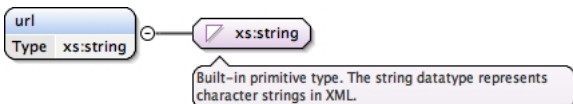
Element orcid_id

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, image, set
	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

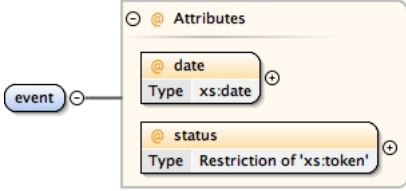
Diagram		
Type	xs:string	
Used by	Element	organization

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

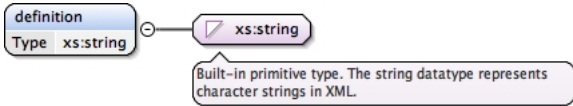
Diagram	<pre>classDiagram elements "1" *-- "1..∞" element element "1..∞" *-- "1..∞" element note for element "Each data element has a unique identifier of the format "RDE[0-9]+" (e.g., "RDE54") and a textual name."</pre>
Used by	Element set
Model	element+
Instance	<pre><elements> <element id="" name="">{1,unbounded}</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	
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	

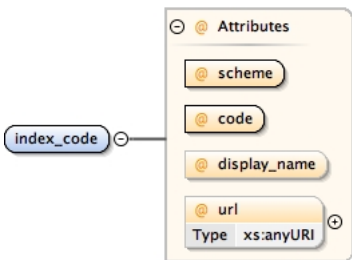
Element definition

Diagram				
Type	xs:string			
Used by	Element	element		

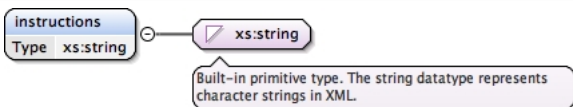
Element index_codes

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

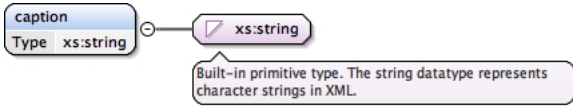
Diagram	<p>The diagram shows a class 'images' connected to a class 'image'. The 'images' class has a composition-like relationship with 'image', indicated by a filled circle on the 'images' side and an open circle on the 'image' side. The multiplicity '0..∞' is shown near the 'image' class.</p>
Used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

Element image

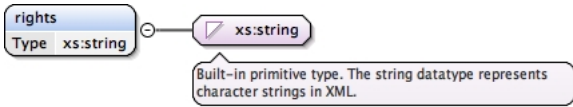
Diagram				
Used by	Element	images		
Model	caption rights source person organization			
Instance	<pre><image height="" url="" width=""> <caption>{1,1}</caption> <rights>{1,1}</rights> <source>{1,1}</source> <person>{1,1}</person> <organization>{1,1}</organization> </image></pre>			
Attributes	QName	Type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

QName	Type	Use	
width	xs:positiveInteger	optional	

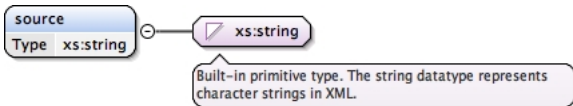
Element caption

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 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	set

Attribute set / @name

Used by	Element	set
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Attribute set / @description

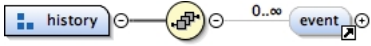
Used by	Element	set
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Attribute set / @url

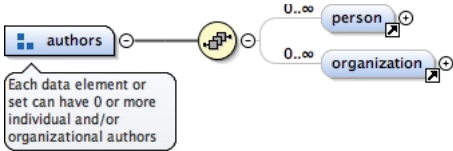
Type	xs:anyURI	
Used by	Element	set

Element Group(s)

Element Group history

Diagram		
Used by	Elements	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*	