

Schema documentation for acl.xsd

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Namespace: "http://www.ime.iiasa.ac.at/acl"

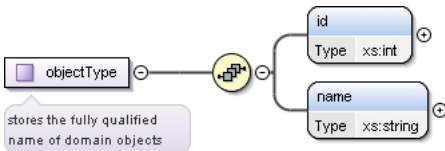
Schema(s)

Main schema acl.xsd

Namespace	http://www.ime.iiasa.ac.at/acl
Properties	attribute form default: unqualified element form default: qualified

Complex Type(s)

Complex Type acl:objectType

Namespace	http://www.ime.iiasa.ac.at/acl
Annotations	stores the fully qualified name of domain objects
Diagram	
Used by	Element acl:objectIdentity/acl:objectType
Model	acl:id , acl:name
Children	acl:id, acl:name
Source	<pre><xs:complexType name="objectType"> <xs:annotation> <xs:documentation>stores the fully qualified name of domain objects</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="id" type="xs:int"/> <xs:element name="name" type="xs:string"/> </xs:sequence> </xs:complexType></pre>

Complex Type acl:securityID

Namespace	http://www.ime.iiasa.ac.at/acl
Annotations	stores the name of the users which can be principal (like user's login: hongtao) or a group (like group name: ENE) or an authority (like roles: ROLE_ADMIN, ROLE_USER, etc)

Diagram	
Used by	Elements <code>acl:entry/acl:securityID</code> , <code>acl:objectIdentity/acl:ownerID</code>
Model	<code>acl:id</code> , <code>acl:type</code> , <code>acl:name</code>
Children	<code>acl:id</code> , <code>acl:name</code> , <code>acl:type</code>
Source	<pre> <xs:complexType name="securityID"> <xs:annotation> <xs:documentation>stores the name of the users which can be principal (like user's login: hongtao) or a group (like group name: ENE) or an authority (like roles: ROLE_ADMIN, ROLE_USER, etc)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="id" type="xs:int" /> <xs:element name="type" type="acl:sidType" /> <xs:element name="name" type="xs:string" /> </xs:sequence> </xs:complexType> </pre>

Complex Type `acl:objectIdentity`

Namespace	<code>http://www.ime.iiasa.ac.at/acl</code>
Annotations	stores the identities of the domain objects
Diagram	
Used by	Element <code>acl:entry/acl:objectIdentity</code>
Model	<code>acl:id</code> , <code>acl:objectType</code> , <code>acl:idObject</code> , <code>acl:ownerID</code>
Children	<code>acl:id</code> , <code>acl:idObject</code> , <code>acl:objectType</code> , <code>acl:ownerID</code>
Source	<pre> <xs:complexType name="objectIdentity"> <xs:annotation> <xs:documentation>stores the identities of the domain objects</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="id" type="xs:int" /> <xs:element name="objectType" type="acl:objectType" /> <xs:element name="idObject" type="xs:int"> <xs:annotation> <xs:documentation>refer to the primary id of the domain object</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ownerID" type="acl:securityID" /> </xs:sequence> </xs:complexType> </pre>

Complex Type `acl:entry`

Namespace	<code>http://www.ime.iiasa.ac.at/acl</code>
Annotations	stores the actual permissions assigned for each securityID and domain object

Diagram	<p>stores the actual permissions assigned for each securityID and domain object</p> <p>id Type xs:int</p> <p>objectIdentity Type acl:objectIdentity</p> <p>securityID Type acl:securityID</p> <p>mask Type xs:int</p> <p>bitwise mask to indicate the permissions: 1:read,2:write,4:create,8:delete,16:admin</p>
Model	acl:id , acl:objectIdentity , acl:securityID , acl:mask
Children	acl:id, acl:mask, acl:objectIdentity, acl:securityID
Source	<pre> <xs:complexType name="entry"> <xs:annotation> <xs:documentation>stores the actual permissions assigned for each securityID and domain object</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="id" type="xs:int" /> <xs:element name="objectIdentity" type="acl:objectIdentity" /> <xs:element name="securityID" type="acl:securityID" /> <xs:element name="mask" type="xs:int"> <xs:annotation> <xs:documentation>bitwise mask to indicate the permissions: 1:read,2:write,4:create,8:delete,16:admin</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

Simple Type(s)

Simple Type acl:sidType

Namespace	http://www.ime.iiasa.ac.at/acl						
Diagram	<p>sidType</p> <p>xs:string</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	restriction of xs:string						
Facets	<table> <tr> <td>enumeration</td><td>USER</td></tr> <tr> <td>enumeration</td><td>GROUP</td></tr> <tr> <td>enumeration</td><td>ROLE</td></tr> </table>	enumeration	USER	enumeration	GROUP	enumeration	ROLE
enumeration	USER						
enumeration	GROUP						
enumeration	ROLE						
Used by	Element acl:securityID/acl:type						
Source	<pre> <xs:simpleType name="sidType"> <xs:restriction base="xs:string"> <xs:enumeration value="USER" /> <xs:enumeration value="GROUP" /> <xs:enumeration value="ROLE" /> </xs:restriction> </xs:simpleType> </pre>						