

## 378 7.1 Class RegistryObject

### 379 Direct Known Subclasses:

380 [Association](#), [AuditableEvent](#), [Classification](#), [ClassificationNode](#),  
 381 [ExternalIdentifier](#), [ExternalLink](#), [Organization](#), [RegistryEntry](#), [User](#)

382  
 383 RegistryObject provides a common base class for almost all objects in the  
 384 information model. Information model *Classes* whose instances have a unique  
 385 identity and an independent life cycle are descendants of the RegistryObject  
 386 *Class*.

387  
 388 Note that Slot and PostalAddress are not descendants of the RegistryObject  
 389 *Class* because their instances do not have an independent existence and unique  
 390 identity. They are always a part of some other *Class's Instance* (e.g. Organization  
 391 has a PostalAddress).

392

Attribute	Data Type	Required	Default Value	Specified By	Mutable	Min. String Length
accessControlPolicy	Ref	No		Registry	No	64
description	String	No		Client	Yes	256
id	String	Yes		Client or registry	No	64
name	String	No		Client	Yes	128
objectType	String	Yes		Registry	No	128

393

### 394 7.1.1 Attribute accesControlPolicy

395 Each RegistryObject instance has an AccessControlPolicy instance associated  
 396 with it. An AccessControlPolicy instance defines the *Security Model* associated  
 397 with the RegistryObject in terms of “who is permitted to do what” with that  
 398 RegistryObject.

### 399 7.1.2 Attribute description

400 Each RegistryObject instance may have textual description in a human readable  
 401 and user-friendly manner.

### 402 7.1.3 Attribute id

403 Each RegistryObject instance must have a universally unique ID, as defined by  
 404 [UUID] that is used to reference and otherwise identify that RegistryObject  
 405 instance.

406 **7.1.4 Attribute name**

407 Each RegistryObject instance may have human readable name. The name does  
408 not need to be unique with respect other RegistryObject instances.

409 **7.1.5 Attribute objectType**

410 Each RegistryEntry instance has an objectType. The objectType for almost all  
411 objects in the information model is the name of their class. For example the  
412 objectType for a Classification is "Classification". The only exception to this rule  
413 is that the objectType for an ExtrinsicObject instance is user defined and  
414 indicates the type of repository item associated with the ExtrinsicObject.

415 **7.1.6 RegistryObject Methods**

416 In addition to its attributes, the RegistryObject class also defines the following  
417 methods. These methods are used to navigate relationship links from a  
418 RegistryObject instance to other objects.

419

Method Summary	
Collection <sup>1</sup>	<a href="#">getAssociatedObjects()</a> Gets the collection of RegistryObject instances associated with this object.
Collection	<a href="#">getAssociations()</a> Gets all Associations where this object is the source of the Association.
Collection	<a href="#">getAuditTrail()</a> Gets the complete audit trail of all requests that effected a state change in this object as an ordered Collection of AuditableEvent objects.
Collection	<a href="#">getClassificationNodes()</a> Gets the ClassificationNodes that classify this object.
Collection	<a href="#">getClassifications()</a> Gets the Classification that classify this object.
Collection	<a href="#">getExternalIdentifiers()</a> Gets the collection of ExternalIdentifiers associated with this object.
Collection	<a href="#">getExternalLinks()</a> Gets the ExternalLinks associated with this object.
Collection	<a href="#">getOrganizations()</a> Gets the Organizations associated with this object.
Collection	<a href="#">getPackages()</a>

---

<sup>1</sup> A Collection represents a collection of multiple RegistryObject instances

	Gets the Packages that this object is a member of.
Collection	<a href="#">getSlots()</a> Gets the Slots associated with this object.

420

421

422