The admin Object

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Overview of the admin Object

The Ice.Admin object adapter hosts a single object whose identity name is admin. Although this identity name cannot be changed, you can define the identity category using the configuration property Ice.Admin.InstanceName. If you enable the Ice.Admin object adapter without defining this property, the category uses a UUID by default and therefore the object's identity changes with each instance of the process.

In this manual, we refer to the administrative object as the admin object.

Facets of the admin Object

An Ice object is actually a collection of sub-objects known as facets whose types are not necessarily related. Although facets are typically used for extending and versioning types, they also allow a group of interfaces with a common purpose to be consolidated into a single Ice object with an established interface for navigation. These qualities make facets an excellent match for the requirements of the administrative facility.

Each facet of the admin object represents a distinct administrative capability. The object does not have a default facet (that is, a facet with an empty name). However, the Ice run time implements two built-in facets that it adds to the admin object:

- the Process facet
- the Properties facet

An application can control which facets are installed with a configuration property. An application can also install its own facets if necessary. Administrative facets are not required to inherit from a common Slice interface.

See Also

- The Administrative Object Adapter
- Object Identity
- Facets and Versioning
- The Process Facet
- The Properties Facet
- Filtering Administrative Facets
- Custom Administrative Facets
- Ice Administrative Properties