

Ice Proxy Properties

The communicator operation `propertyToProxy` creates a proxy from a group of configuration properties. The argument to `propertyToProxy` is a string representing the base name of the property group (shown as `name` in the property descriptions below). This name must correspond to a property that supplies the stringified form of the proxy. Subordinate properties can be defined to customize the proxy's local configuration.

The communicator operation `proxyToProperty` performs the inverse operation, that is, returns the property group for a proxy.

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`name`

Synopsis

`name=proxy`

Description

The base property of the group with an application-specific `name` supplying the stringified representation of a proxy. Use the communicator operation `propertyToProxy` to retrieve the property and convert it into a proxy.

`name.ColocationOptimized`

Synopsis

`name.ColocationOptimized=num`

Description

If `num` is a value greater than zero, the proxy is configured to use `collocated invocations` when possible. Defining this property is equivalent to invoking the `ice_collocationOptimized` `proxy` method.

`name.ConnectionCached`

Synopsis

`name.ConnectionCached=num`

Description

If `num` is a value greater than zero, the proxy `caches` its chosen connection for use in subsequent requests. Defining this property is equivalent to invoking the `ice_connectionCached` `proxy` method.

`name.EndpointSelection`

Synopsis

`name.EndpointSelection=type`

Description

Specifies the proxy's [endpoint selection](#) type. Legal values are `Random` and `Ordered`. Defining this property is equivalent to invoking the `ice_endpointSelection` [proxy method](#).

name.Locator**Synopsis**

```
name.Locator=proxy
```

Description

Specifies the proxy of the [locator](#) to be used by this proxy. Defining this property is equivalent to invoking the `ice_locator` [proxy method](#).

This is a proxy property, so you can configure additional local aspects of the proxy with subordinate properties. For example:

```
MyProxy.Locator=...
MyProxy.Locator.EndpointSelection=Ordered
```

name.LocatorCacheTimeout**Synopsis**

```
name.LocatorCacheTimeout=num
```

Description

Specifies the [locator cache](#) timeout to be used by this proxy. Defining this property is equivalent to invoking the `ice_locatorCacheTimeout` [proxy method](#).

name.PreferSecure**Synopsis**

```
name.PreferSecure=num
```

Description

If `num` is a value greater than zero, the proxy gives [precedence](#) to secure endpoints. If not defined, the proxy uses the value of `Ice.Default.PreferSecure`.

Defining this property is equivalent to invoking the `ice_preferSecure` [proxy method](#).

name.Router**Synopsis**

```
name.Router=proxy
```

Description

Specifies the proxy of the [router](#) to be used by this proxy. Defining this property is equivalent to invoking the `ice_router` [proxy method](#).

This is a proxy property, so you can configure additional local aspects of the proxy with subordinate properties. For example:

```
MyProxy.Router=...
MyProxy.Router.PreferSecure=1
```