

# IceGrid-Registry

---

## IceGrid::Registry

### Overview

#### interface Registry

The IceGrid registry allows clients create sessions directly with the registry.

See Also

- [IceGrid::Session](#)
- [IceGrid::AdminSession](#)

### Operation Index

[createSession](#) — Create a client session.

[createAdminSession](#) — Create an administrative session.

[createSessionFromSecureConnection](#) — Create a client session from a secure connection.

[createAdminSessionFromSecureConnection](#) — Create an administrative session from a secure connection.

[getSessionTimeout](#) — Get the session timeout.

### Operations

#### **IceGrid::Session\*** **createSession(string userId, string password)** throws **IceGrid::PermissionDeniedException**

Create a client session.

Parameters

**userId** — The user id.

**password** — The password for the given user id.

Return Value

A proxy for the newly created session.

Exceptions

[IceGrid::PermissionDeniedException](#) — Raised if the password for the given user id is not correct, or if the user is not allowed access.

See Also

- [IceGrid::Session](#)
- [Glacier2::PermissionsVerifier](#)

#### **IceGrid::AdminSession\*** **createAdminSession(string userId, string password)** throws **IceGrid::PermissionDeniedException**

Create an administrative session.

Parameters

**userId** — The user id.

**password** — The password for the given user id.

Return Value

A proxy for the newly created session.

Exceptions

[IceGrid::PermissionDeniedException](#) — Raised if the password for the given user id is not correct, or if the user is not allowed access.

See Also

- [IceGrid::Session](#)
- [Glacier2::PermissionsVerifier](#)

### **IceGrid::Session\* createSessionFromSecureConnection() throws IceGrid::PermissionDeniedException**

Create a client session from a secure connection.

Return Value

A proxy for the newly created session.

Exceptions

[IceGrid::PermissionDeniedException](#) — Raised if the password for the given user id is not correct, or if the user is not allowed access.

See Also

- [IceGrid::Session](#)
- [Glacier2::SSLPermissionsVerifier](#)

### **IceGrid::AdminSession\* createAdminSessionFromSecureConnection() throws IceGrid::PermissionDeniedException**

Create an administrative session from a secure connection.

Return Value

A proxy for the newly created session.

Exceptions

[IceGrid::PermissionDeniedException](#) — Raised if the password for the given user id is not correct, or if the user is not allowed access.

See Also

- [IceGrid::Session](#)
- [Glacier2::SSLPermissionsVerifier](#)

### **[ "nonmutating" ] int getSessionTimeout()**

Get the session timeout. If a client or administrative client doesn't call the session keepAlive method in the time interval defined by this timeout, IceGrid might reap the session.

Return Value

The timeout (in seconds).

See Also

- [IceGrid::Session::keepAlive](#)
- [IceGrid::AdminSession::keepAlive](#)