# IceGrid-RegistryObserver

## IceGrid::RegistryObserver

### Overview

**interface RegistryObserver**

This interface allows applications to monitor changes the state of the registry.

### Operation Index

registryInit — The `registryInit` operation is called after registration of an observer to indicate the state of the registries.
registryUp — The `nodeUp` operation is called to notify an observer that a node came up.
registryDown — The `nodeDown` operation is called to notify an observer that a node went down.

### Operations

#### void registryInit(**IceGrid::RegistryInfoSeq registries**)

The `registryInit` operation is called after registration of an observer to indicate the state of the registries.

Parameters

`registries` — The current state of the registries.

#### void registryUp(**IceGrid::RegistryInfo node**)

The `nodeUp` operation is called to notify an observer that a node came up.

Parameters

`node` — The node state.

#### void registryDown(string name)

The `nodeDown` operation is called to notify an observer that a node went down.

Parameters

`name` — The node name.