IceGrid-ApplicationObserver

IceGrid::ApplicationObserver

Overview

interface ApplicationObserver

The database observer interface. Observers should implement this interface to receive information about the state of the IceGrid registry database.

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applicationInit — `applicationInit` is called after the registration of an observer to indicate the state of the registry.
applicationAdded — The `applicationAdded` operation is called to notify an observer that an application was added.
applicationRemoved — The `applicationRemoved` operation is called to notify an observer that an application was removed.
applicationUpdated — The `applicationUpdated` operation is called to notify an observer that an application was updated.

Operations

void applicationInit(int serial, IceGrid::ApplicationInfoSeq applications)

`applicationInit` is called after the registration of an observer to indicate the state of the registry.

Parameters

`serial` — The current serial number of the registry database. This serial number allows observers to make sure that their internal state is synchronized with the registry.
`applications` — The applications currently registered with the registry.

void applicationAdded(int serial, IceGrid::ApplicationInfo desc)

The `applicationAdded` operation is called to notify an observer that an application was added.

Parameters

`serial` — The new serial number of the registry database.
`desc` — The descriptor of the new application.

void applicationRemoved(int serial, string name)

The `applicationRemoved` operation is called to notify an observer that an application was removed.

Parameters

`serial` — The new serial number of the registry database.
`name` — The name of the application that was removed.

void applicationUpdated(int serial, IceGrid::ApplicationUpdateInfo desc)

The `applicationUpdated` operation is called to notify an observer that an application was updated.

Parameters

`serial` — The new serial number of the registry database.
`desc` — The descriptor of the update.