

IceGrid-ServerDescriptor

IceGrid::ServerDescriptor

Overview

class ServerDescriptor extends [IceGrid::CommunicatorDescriptor](#)

An Ice server descriptor.

Derived Classes and Interfaces

- [IceGrid::IceBoxDescriptor](#)

Used By

- [IceGrid::ServerDescriptorSeq](#)
- [IceGrid::ServerInfo::descriptor](#)

Data Member Index

[id](#) — The server id.

[exe](#) — The path of the server executable.

[iceVersion](#) — The Ice version used by this server.

[pwd](#) — The path to the server working directory.

[options](#) — The command line options to pass to the server executable.

[envs](#) — The server environment variables.

[activation](#) — The server activation mode (possible values are "on-demand" or "manual").

[activationTimeout](#) — The activation timeout (an integer value representing the number of seconds to wait for activation).

[deactivationTimeout](#) — The deactivation timeout (an integer value representing the number of seconds to wait for deactivation).

[applicationDistrib](#) — Specifies if the server depends on the application distribution.

[distrib](#) — The distribution descriptor.

[allocatable](#) — Specifies if the server is allocatable.

[user](#) — The user account used to run the server.

Data Members

string id;

The server id.

string exe;

The path of the server executable.

string iceVersion;

The Ice version used by this server. This is only required if backward compatibility with servers using old Ice versions is needed (otherwise the registry will assume the server is using the same Ice version). For example "3.1.1", "3.2", "3.3.0".

string pwd;

The path to the server working directory.

["java:type:java.util.LinkedList<String>"] [Ice::StringSeq](#) options;

The command line options to pass to the server executable.

["java:type:java.util.LinkedList<String>"] [Ice::StringSeq](#) envs;

The server environment variables.

string activation;

The server activation mode (possible values are "on-demand" or "manual").

string activationTimeout;

The activation timeout (an integer value representing the number of seconds to wait for activation).

string deactivationTimeout;

The deactivation timeout (an integer value representing the number of seconds to wait for deactivation).

bool applicationDistrib;

Specifies if the server depends on the application distribution.

IceGrid::DistributionDescriptor distrib;

The distribution descriptor.

bool allocatable;

Specifies if the server is allocatable.

string user;

The user account used to run the server.
