Service Descriptor

A service represents an IceBox service deployed on an IceBox server. IceGrid supports two kinds of services:

- **Plain Service**
  A service defined directly with a service descriptor

- **Service Instance**
  A service defined using a service template

On this page:

Load Order

The load-order of services within an IceBox server is determined by their display order in IceGrid Admin. You can reorder services using `Edit > Move Up` or `Edit > Move Down` (also available from each service's contextual menu).

Plain Service

Properties

The Service Properties panel offers the following fields:

- **Service Name**
  The name of the service. Must be unique within the enclosing IceBox server.

- **Description**
  A free-text description of this service.

- **Property Sets**
  List of property-set IDs; you refer to a property set to "include" all its properties in the service.

- **Properties**
  Ice properties private to this service.

- **Log Files**
  This table can be used to declare a number of log files used by this service. Path is the path to the log file (a relative path is relative to the IceGrid node working directory); when Property is set, IceGrid generates a property with this name and the log file path as value.
  You declare log files to be able to conveniently retrieve them using IceGrid Admin (in the Live Deployment pane) or with the `icegridadmin` command-line utility.

- **Entry Point**
  The service's entry point, for example `IceStormService,35:createIceStorm`.
  IceGrid will append `--Ice.Config=path-to-service-config-file` to this entry point when it generates the `IceBox.Service.name` property in the enclosing IceBox server config file.

Children

A plain service can have two types of children:

- Adapter
- Database Environment

Service Instance

Properties

The Service Instance Properties panel offers the following fields:

- **Template**
  The name of the Service Template.

- **Parameters**
  Use this table to give values to the template parameters defined in the service template.

- **Property Sets**
  List of property-set IDs; you refer to a property set to "include" all its properties in the service.

- **Properties**
  Ice properties private to this service.