

IceBox Descriptor Element

An `icebox` element defines an [IceBox](#) server to be deployed on a node. It typically contains at least one [service](#) element, and may supply additional information such as [command-line options](#), [environment variables](#), [configuration properties](#) and a [server distribution](#).

The IceBox service manager's object adapter, `IceBox.ServiceManager`, can only be configured as a direct object adapter, using properties. This object adapter is enabled only if the property `IceBox.ServiceManager.Endpoints` is set. Note however that the service manager's functionality remains available as an [administrative facet](#) even when its object adapter is disabled.

This element may only appear as a child of a [node](#) element or a [server-template](#) element.

This element supports the same attributes as the [server](#) element.

The IceGrid node on which this server is deployed generates the following configuration property for the server:

```
IceBox.InstanceName=${server}
```

An optional nested [description](#) element provides free-form descriptive text.

Here is an example to demonstrate the use of this element:

XML

```
<icebox id="MyIceBox"
  activation="on-demand"
  activation-timeout="60"
  application-distrib="false"
  deactivation-timeout="60"
  exe="/opt/Ice/bin/icebox"
  pwd="/">
  <option>--Ice.Trace.Network=1</option>
  <env>PATH=/opt/Ice/bin:$PATH</env>
  <property name="IceBox.UseSharedCommunicator.Service1" value="1"/>
  <service name="Service1" .../>
  <service-instance template="ServiceTemplate" name="Service2"/>
</icebox>
```

See Also

- [IceBox](#)
- [Service Descriptor Element](#)
- [Adapter Descriptor Element](#)
- [Properties Descriptor Element](#)
- [Node Descriptor Element](#)
- [Server-Template Descriptor Element](#)
- [Server Descriptor Element](#)
- [Description Descriptor Element](#)
- [Using Command Line Options in Descriptors](#)
- [Setting Environment Variables in Descriptors](#)
- [Application Distribution](#)
- [Administrative Facility](#)