

Service-Template Descriptor Element

A service-template element defines a [template](#) for a [service](#) element, simplifying the task of deploying multiple instances of the same service definition. The template should contain a parameterized service element that is instantiated using a [service-instance](#) element.

This element may only appear as a child of an [application](#) element.

The following attributes are supported:

Attribute	Description	Required
id	Specifies the identifier for the service template. This identifier must be unique among all service templates in the application.	Yes

A template may declare [parameters](#) that are used to instantiate the service element. You can define a default value for each parameter. Parameters without a default value are considered mandatory and values for them must be supplied by the service-instance element.

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

XML

```
<icegrid>
  <application name="IceBoxApp">
    <service-template id="ServiceTemplate">
      <parameter name="name"/>
      <service name="{name}" entry="DemoService:create">
        <adapter name="{service}" .../>
      </service>
    </service-template>
    <node name="Node1">
      <icebox id="IceBoxServer" ...>
        <service-instance template="ServiceTemplate" name="Service1"/>
      </icebox>
    </node>
  </application>
</icegrid>
```

See Also

- [IceGrid Templates](#)
- [Service Descriptor Element](#)
- [Service-Instance Descriptor Element](#)
- [IceBox Integration with IceGrid](#)
- [Using Descriptor Variables and Parameters](#)