

Server-Template Descriptor Element

A `server-template` element defines a [template](#) for a [server](#) element, simplifying the task of deploying multiple instances of the same server definition. The template should contain a parameterized [server](#) element that is instantiated using a [server-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 server template. This identifier must be unique among all server templates in the application.	Yes

A template may declare [parameters](#) that are used to instantiate the server 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 `server-instance` element.

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

XML

```
<icegrid>
  <application name="SampleApp">
    <server-template id="ServerTemplate">
      <parameter name="id"/>
      <server id="${id}" activation="manual" .../>
    </server-template>
    <node name="Node1">
      <server-instance template="ServerTemplate" id="TheServer"/>
    </node>
  </application>
</icegrid>
```

See Also

- [IceGrid Templates](#)
- [Server Descriptor Element](#)
- [Server-Instance Descriptor Element](#)
- [Application Descriptor Element](#)
- [Using Descriptor Variables and Parameters](#)