Multiple Listeners

English (United States) ▾   v1.6 ▾

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Single listener

In the configuration below, you can configure the server instance's listening IP and port:

```
<superSocket>
    <servers>
        <server name="TelnetServer"
                serverType="SuperSocket.QuickStart.TelnetServer_StartByConfig.TelnetServer, SuperSocket.QuickStart.TelnetServer_StartByConfig"
                ip="Any" port="2020">
        </server>
    </servers>
</superSocket>
```

Multiple listeners

You can add a child configuration node "listeners" to add more listening ip/port pairs:

```
<superSocket>
  <servers>
    <server name="EchoServer" serverTypeName="EchoService">
      <listeners>
        <add ip="127.0.0.2" port="2012" />
        <add ip="IPv6Any" port="2012" />
      </listeners>
    </server>
  </servers>
  <serverTypes>
    <add name="EchoService"
         type="SuperSocket.QuickStart.EchoService.EchoServer, SuperSocket.QuickStart.EchoService" />
  </serverTypes>
</superSocket>
```

In this case, the server instance "EchoServer" will listen two local endpoints. It is very similar with that a website can has many bindings in IIS.

You also can set different options for the different listeners:

```
<superSocket>
    <servers>
        <server name="EchoServer" serverTypeName="EchoService">
            <certificate filePath="localhost.pfx" password="supersocket"></certificate>
            <listeners>
                <add ip="Any" port="80" />
                <add ip="Any" port="443" security="tls" />
            </listeners>
        </server>
    </servers>
    <serverTypes>
        <add name="EchoService"
             type="SuperSocket.QuickStart.EchoService.EchoServer, SuperSocket.QuickStart.EchoService" />
    </serverTypes>
</superSocket>
```

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