

This is documentation for WiX Toolset **v3**, which is no longer actively maintained.

For up-to-date documentation, see the [latest version](#) (v4.0).

Version: v3

How To: Install a Windows service

To install a Windows service, use the **ServiceInstall** element. Other configuration can be made using the **ServiceControl** element and the **ServiceConfig** element from WixUtilExtension.

Step 1: Install the service

The **ServiceInstall** element contains the basic information about the service to install. This element should be the child of a **Component** element whose key path is a sibling **File** element that specifies the service executable file.

Tip: to specify a system account, such as LocalService or NetworkService, use the prefix **NT AUTHORITY**. For example, use **NT AUTHORITY\LocalService** as the **Account** attribute value to run the service under this account.

Step 2: Configure the service (optional)

Using the **util:ServiceConfig** element from WixUtilExtension, you can configure how the service behaves if it fails. To use it, **add** WixUtilExtension to your project, add the **util** namespace to your WiX authoring, and prefix the element name with the **util** prefix:

```
<Wix xmlns="http://schemas.microsoft.com/wix/2006/wi" xmlns:util="http://schemas.microsoft.com/wix/UtilExtension">
  ...
  <ServiceInstall>
    <util:ServiceConfig FirstFailureActionType="restart"
      SecondFailureActionType="restart"
      ThirdFailureActionType="restart" />
  </ServiceInstall>
```

 [Edit this page](#)