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COM+ Applications

The WiX toolset has a custom action library that allows the
installer to create COM+ packages, add components to
them and create and set roles.

When you build the installation package, you have to
compile and link it against the appropriate WiX library. The
candle and light command lines to do this are:

About FireGiant

Now you can install with confidence. FireGiant
arms you with accurate support from the
creators of WiX.

Because there are no questions we can't
answer or problems we can't solve, you can
unleash the full functionality of WiX without a
doubt.

```
candle -ext WixComPlusExtension Sample.wxs
light -ext WixComPlusExtension Sample.wixobj
```

You also need to reference the COM+ schema in your WiX source as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<Wix xmlns="http://schemas.microsoft.com/wix/2006/wi" xmlns:complus="http://schemas.microsoft.com/wix/ComPlusExtension">
```

To create a package (My COM+ Application) and add a standard COM DLL (MyCOM.dll) to the package:

```
<Component Id="MyCOM_dll" DiskId="1" Guid="YOURGUID-242F-4B82-BDC7-588E59E9F393">
  <File Id="MyCOM_dll" Name="MyCOM.dll" Source="MyCOM.dll" KeyPath="yes" Vital="yes" />
  <complus:ComPlusApplication Id="MyCOM" Name="My COM+ Application">
    <complus:ComPlusAssembly Id="MyComPlusAssembly" Type="native" DllPath="[#MyCOM_dll]">
      <complus:ComPlusComponent Id="MyCOM" CLSID="YOURCLSID-CA74-4DC7-BAEF-25AF03BC5F67" />
    </complus:ComPlusAssembly>
  </complus:ComPlusApplication>
</Component>
```

To create a package (My COM+ Application) and add a .Net assembly (MydotNet.dll) that is not in the GAC to the package:

```xml
<Component Id="MydotNet_dll" DiskId="1" Guid="YO
URGUID-242F-4B82-BDC7-588E59E9F393">
  <File Id="MydotNet_dll" Name="MydotNet.dll" So
urce="MydotNet.dll" KeyPath="yes" Assembly="no"
/>
  <complus:ComPlusApplication  Id="MydotNet" Nam
e="My COM+ Application">
    <complus:ComPlusAssembly Id="MyComPlusAssemb
ly" DllPath="[#MydotNet_dll]" TlbPath="[#MydotNe
t_tlb]" Type=".net" RegisterInCommit="yes">
      <complus:ComPlusComponent Id="CheckInterfa
ce" CLSID="YOURCLSID-241E-4472-8C71-61A22BAF991
4"/>
    </complus:ComPlusAssembly>
  </complus:ComPlusApplication>
</Component>

<Component Id="MydotNet_tlb" DiskId="1" Guid="YO
URGUID-242F-4B82-BDC7-588E59E9F394">
  <File Id="MydotNet_tlb" Name="MydotNet.tlb" So
urce="MydotNet.tlb" KeyPath="yes" />
</Component>
```

To create a package (My COM+ Application) and add a .Net assembly (MydotNet.dll) that is in the GAC to the package:

```xml
<Component Id="MydotNet_dll" DiskId="1" Guid="YO
URGUID-242F-4B82-BDC7-588E59E9F393">
  <File Id="MydotNet_dll" Name="MydotNet.dll" So
urce="MydotNet.dll" KeyPath="yes" Assembly=".ne
t" />
  <complus:ComPlusApplication Id="MydotNet" Name
="My COM+ Application">
    <complus:ComPlusAssembly Id="MyComPlusAssemb
ly" TlbPath="[#MydotNet_tlb]" Type=".net" DllPat
hFromGAC="yes" RegisterInCommit="yes">
      <complus:ComPlusComponent Id="CheckInterfa
ce" CLSID="YOURCLSID-241E-4472-8C71-61A22BAF991
4"/>
    </complus:ComPlusAssembly>
  </complus:ComPlusApplication>
</Component>

<Component Id="MydotNet_tlb" DiskId="1" Guid="YO
URGUID-242F-4B82-BDC7-588E59E9F394">
  <File Id="MydotNet_tlb" Name="MydotNet.tlb" So
urce="MydotNet.tlb" KeyPath="yes" />
</Component>
```

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