

# Bootstrapper Prerequisite ordering

Asked 15 years, 11 months ago   Modified 15 years, 2 months ago   Viewed 1k times



When using the generic bootstrapper with MSBuild how is the order of installation of prerequisite items determined?

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For example, given:



```
<Project ToolsVersion="3.5"
  xmlns='http://schemas.microsoft.com/developer/msbuild/2003'>
  <ItemGroup>
    <BootstrapperFile Include='A' />
    <BootstrapperFile Include='B' />
    <BootstrapperFile Include='C' />
    <BootstrapperFile Include='D' />
  </ItemGroup>

  <Target Name='MySetup'>
    <GenerateBootstrapper
      Path='C:\Program Files\Microsoft SDKs\Windows\v6.0A\Bootstrapper'
      ApplicationName='My Program'
      ApplicationFile='MyProgram.msi'
      BootstrapperItems='@(BootstrapperFile)'
      Culture='en'
      CopyComponents='true'
      ComponentsLocation='HomeSite'
      OutputPath='.\' />
    </Target>
  </Project>
```

What is the order that A, B, C, and D get installed? How do I control that order?

.net

installation

bootstrapper

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asked Jan 23, 2009 at 0:19



fryguybob

4,410 ● 2 ● 30 ● 36

2 Answers

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It looks like I can specify in the product manifest with the `DependsOnProduct` tag:

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```
<Product ProductCode="A">
  <PackageFiles>...</PackageFiles>
  <RelatedProducts>
```



```
<DependsOnProduct Code="B" />
</RelatedProducts>
...
</Product>
```



This should result in **B** being installed before **A**.



<http://msdn.microsoft.com/en-us/library/ms229456.aspx>

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edited Jul 15, 2009 at 3:35

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answered Jan 23, 2009 at 0:33



**fryguybob**

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Your last statement is backwards. Product A depends on B and so B is installed first. You get a +1 if you fix it. – [Peter T. LaComb Jr.](#) Jun 29, 2009 at 15:47

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**1**

You seem to have already answered your own question. As you allude to in your answer, the order of the products is determined by the packages themselves. Your msi is always installed last.



The packages can be found in (for VS2008):

C:\Program Files\Microsoft SDKs\Windows\v6.0A\Bootstrapper\Packages



Each package contains its own bootstrapper manifest file where the prerequisites are set. You shouldn't have to worry about this for the provided packages from Microsoft. You really should only care if you're creating your own packages for your pre-requisites.

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answered Jan 23, 2009 at 0:51



**Peter Tate**

2,158 ● 1 ● 21 ● 33