

'IHostingEnvironment' is obsolete

Asked 7 months ago Active 1 month ago Viewed 9k times



I updated my project to .NETCORE v3.0.0-preview3 and I now get:

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Startup.cs(75,50,75,69): warning CS0618: 'IHostingEnvironment' is obsolete: 'This type is obsolete and will be removed in a future version. The recommended alternative is Microsoft.AspNetCore.Hosting.IWebHostEnvironment.'



The code is:

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```
public void Configure(IApplicationBuilder app, IHostingEnvironment env) {  
    if (env.IsDevelopment()) {  
        ...  
    }  
}
```

What is the correct way to do this now ? is there any documentation/example to show that ?

[asp.net-core](#)

[.net-core](#)

[asp.net-core-3.0](#)

edited Apr 11 at 5:06

asked Apr 9 at 22:01



[kofifus](#)

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4 It seems `IHostingEnvironment` has been replaced by `IHostEnvironment` (and a few others). See [this link](#) on GitHub – [Simply Ged](#) Apr 9 at 22:08 ✎

great thanks, all I had to do was to replace `IHostingEnvironment` with `IHostEnvironment` and add using `Microsoft.Extensions.Hosting`; .. if you want to post an answer I'll accept it – [kofifus](#) Apr 9 at 22:13

Some places i see method `public void Configure(IApplicationBuilder app)` and in some projects I start, the default is `public void Configure(IApplicationBuilder app, IWebHostEnvironment env)`. Whats the difference? – [Ted](#) Sep 7 at 7:51

2 Answers

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It seems `IHostingEnvironment` has been replaced by `IHostEnvironment` (and a few others). You should be able to change the interface type in your code and everything will work as it used to :-)

You can find more information about the changes at this link on GitHub <https://github.com/aspnet/AspNetCore/issues/7749>

EDIT There is also an additional interface `IWebHostEnvironment` that can be used in ASP.NET Core applications. This is available in the `Microsoft.AspNetCore.Hosting` namespace.

edited Oct 10 at 21:16

answered Apr 9 at 22:27



Simply Ged

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a quick typo in above answer, `IHostingEnvironment` is replaced by `IWebHostEnvironment`. and a new namespace needs to be used "using `Microsoft.Extensions.Hosting`;" - [Abhimanyu](#) Oct 10 at 18:20

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When `Microsoft.Extensions.Hosting` was introduced in 2.1 some types like `IHostingEnvironment` and `IApplicationLifetime` were copied from `Microsoft.AspNetCore.Hosting`. Some 3.0 changes cause apps to include both the `Microsoft.Extensions.Hosting` and `Microsoft.AspNetCore.Hosting` namespaces. Any use of those duplicate types causes an "ambiguous reference" compiler error when both namespaces are referenced.

This error has been addressed in **3.0.0-preview3** by marking the following types obsolete and replacing them with new types. There have not been any behavioral changes made for the new types, only naming.

Obsolete types (warning):

```
Microsoft.Extensions.Hosting.IHostingEnvironment
Microsoft.AspNetCore.Hosting.IHostingEnvironment
Microsoft.Extensions.Hosting.IApplicationLifetime
Microsoft.AspNetCore.Hosting.IApplicationLifetime
Microsoft.Extensions.Hosting.EnvironmentName
Microsoft.AspNetCore.Hosting.EnvironmentName
```

New types:

```
Microsoft.Extensions.Hosting.IHostEnvironment
Microsoft.AspNetCore.Hosting.IWebHostEnvironment : IHostEnvironment
```

Microsoft.Extensions.Hosting.IHostApplicationLifetime
Microsoft.Extensions.Hosting.Environments

Note the new IHostingEnvironment IsDevelopment, IsProduction, etc. extension methods are in the Microsoft.Extensions.Hosting namespace which may need to be added to your app.

For 3.0 both the old and new types will be available from HostBuilder's and WebHostBuilder's dependency injection containers. The old types will be removed in 4.0.

Source: <https://github.com/aspnet/AspNetCore/issues/7749>

Long and short, you're looking for IWebHostEnvironment now. You'll likely need to add using for Microsoft.Extensions.Hosting as well.

answered Apr 9 at 22:14

community wiki
[Chris Pratt](#)