

Podcast #128: We chat with Kent C Dodds about why he loves React and discuss what life was like in the dark days before Git. [Listen now](#).

# .Net Core AspNetCoreHostingModel what does it mean?

Asked 7 months ago   Active 2 months ago   Viewed 1k times



By this link, you can read about ASP.NET Core Module

1

To configure an app for in-process hosting, add the property to the app's project file with a value of InProcess (out-of-process hosting is set with OutOfProcess)



I've read several times but I don't understand what it's mean?

When I must use OutOfProcess and when InProcess?

Pros and cons these models?

What to rely on when making a decision?

[asp.net-core](#)

[.net-core](#)

edited Apr 19 at 14:10



[Kirk Larkin](#)

35.1k 9 71 100

asked Apr 19 at 13:03



[Igor Cova](#)

1,082 11 37

## 1 Answer



Is referring to how IIS is hosting your app (web.config).

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**InProcess** : IIS host the app (w3wp.exe or iisexpress.exe)

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More [details](#) on how to configure and what to keep in mind for each one when using.

'InProcess' has significant better performance according to [Microsoft](#).

To configure **InProcess** add web config with:

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <location path="." inheritInChildApplications="false">
    <system.webServer>
      <handlers>
        <add name="aspNetCore" path="*" verb="*" modules="AspNetCoreModuleV2"
resourceType="Unspecified" />
      </handlers>
      <aspNetCore processPath="%LAUNCHER_PATH%" arguments="%LAUNCHER_ARGS%"
stdoutLogEnabled="false" stdoutLogFile=".\logs\stdout" hostingModel="InProcess">
        <environmentVariables />
      </aspNetCore>
    </system.webServer>
  </location>
</configuration>
```

For **OutOfProcess**:

```
<?xml version="1.0" encoding="utf-8"?>
configuration
  <location path="." inheritInChildApplications="false">
    <system.webServer>
      <handlers>
        <add name="aspNetCore" path="*" verb="*" modules="AspNetCoreModuleV2"
resourceType="Unspecified" />
      </handlers>
      <aspNetCore processPath="%LAUNCHER_PATH%" arguments="%LAUNCHER_ARGS%"
stdoutLogEnabled="false" stdoutLogFile=".\logs\stdout" hostingModel="OutOfProcess">
        <environmentVariables />
      </aspNetCore>
    </system.webServer>
  </location>
</configuration>
```

when you will generate the build in my-api folder or plain publish to your server with:

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will take care if your %LAUNCHER\_PATH% and %LAUNCHER\_ARGS%.

What you are referring in initial question possibly is about .csproj config that dictate how app runs locally, default is **OutOfProcess**

edited Aug 26 at 8:21

answered Apr 19 at 14:07



SilentTremor

3,843

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12

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