Question
[Eduard Lebedyuk](#) · Jul 6, 2020

How to generate runtimeconfig.json\deps.json for dependency with dotnet publish?

I'm building a .Net Core Gateway container. Here's the issue.

As a final step I'm building a .Net Core 2.1 library. It has a runnable dependency - .Net Gateway, which I need to start first.

However dotnet publish generates .runtimeconfig.json and .deps.json only for my library and not for my dependency (.Net Gateway).

Is there a way to force dotnet to generate .runtimeconfig.json and .deps.json for a dependency?

I have tried:

```
<PropertyGroup>
  <GenerateRuntimeConfigurationFiles>true</GenerateRuntimeConfigurationFiles>
  <GenerateDependencyFile>true</GenerateDependencyFile>
 <CopyLocalLockFileAssemblies>true</CopyLocalLockFileAssemblies>
</PropertyGroup>
```

but it did not help.

As a workaround I can copy my app .runtimeconfig.json to the dependency .runtimeconfig.json but it seems hacky (it also
prevents me from building self-contained Gateway container). Is there a better option?

I have prepared the test case, if anyone wants to try it:

```
git clone https://github.com/eduard93/gerenate-runtimeconfig.json.git
cd gerenate-runtimeconfig.json
docker build --tag mbs .
docker run --name mbs mbs
docker rm mbs --force
```

If you remove the comment from [Line 24 in the Dockerfile](#) with the copy workaround the image would run successfully.

Without workaround I get this error:

```
A fatal error was encountered. The library 'libhostpolicy.so' required to execute the
 application was not found in '/app/'.
Failed to run as a self-contained app. If this should be a framework-dependent app, a
dd the /app/IRISGatewayCore21.runtimeconfig.json file specifying the appropriate fram
ework.
```

#.NET #Interoperability #InterSystems IRIS

Source
URL:https://community.intersystems.com/post/how-generate-runtimeconfigjsondepsjson-dependency-dotnet-publish