



.NET Core 2.1

Release Notes for Containers

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Abstract

The .NET Core 2.1 Release Notes for Containers is an extension of the .NET Core 2.1 Release Notes for RPMs. These release notes list changes to the .NET Core 2.1 containers, registry.access.redhat.com/dotnet/dotnet-21-rhel7 and registry.access.redhat.com/dotnet/dotnet-21-runtime-rhel7. The former is the source-to-image builder, and the latter is a runtime-only image.

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CHAPTER 1. NEW FEATURES IN .NET CORE 2.1 CONTAINERS

The .NET Core 2.1 Release Notes for Containers is an extension of the .NET Core 2.1 Release Notes for RPMs. See [.NET Core 2.1 Release Notes for RPMs](#) for information on known issues, the operating system architecture, privacy, and support.

1.1. NEW FEATURES

- .NET Core 2.1 runtime image: **`registry.access.redhat.com/dotnet/dotnet-21-runtime-rhel7`**
- .NET Core 2.1 source-to-image builder image:
`registry.access.redhat.com/dotnet/dotnet-21-rhel7`

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CHAPTER 2. ENVIRONMENT VARIABLE UPDATES

The following environment variables have been added or removed for .NET Core 2.1 image.

2.1. NEW VARIABLES

DOTNET_TOOLS Used to specify a list of .NET tools to install before building the app. It is possible to install a specific version by post pending the package name with **@<version>**.

2.2. VARIABLES REMOVED

DOTNET_ASPNET_STORE Publish assuming the runtime image contains the ASP.NET Core runtime store.

See [Environment Variables](#) for the list of environment variables available with .NET Core 2.1.

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CHAPTER 3. KNOWN ISSUES

1. ASP.NET Core applications published as framework-dependent fail to run with **dotnet/dotnet-21-runtime-rhel7** because the ASP.NET Core shared framework is missing. See [Shared Framework issue](#) in .NET Core 2.1 Release Notes for RPMs for more information.
2. .NET Core SDK 2.1.3xx contains an incorrect **NETStandard.Library** version. Using this SDK version may result in build failures. To correct this issue, update to SDK 2.1.402 (or later). To update to the latest SDK version, change the **DOTNET_SDK_VERSION** environment variable to 2.1.402 (or to the latest preferred SDK version or the setting **latest**). For more information about this and other environment variables, see [Section 2.3., Environment Variables](#). If there is a **global.json** file that specifies the SDK version and you do not want to update to the latest SDK version, you can work around this issue by removing the following entry in the **csproj** file.

```
<TreatWarningsAsErrors>true</TreatWarningsAsErrors>
```

See [Chapter 7, Known Issues](#) in the .NET Core 2.1 Release Notes for RPMs for a list of known issues and workarounds for RPMs.

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APPENDIX A. REVISION HISTORY

Date	Version	Author	Changes
08/21/2017	2.0	Les Williams	Generally available
08/30/2017	2.0	Les Williams	Added new feature about support for building Visual Basic (VB) and F# projects
06/14/2018	2.1	Les Williams	Generally available
09/19/2018	2.1	Toby Drake	Added known issue for SDK 2.1.3xx

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