搭建.NET Core开发环境

****安装 .Net Core 执行代码****

.NET Core 的官方文档很详细，本实验带你建立一个.NET Core 1.1的Web运行环境，更多内容可以可以查阅 [微软官方文档](https://docs.microsoft.com/zh-cn/dotnet/core/get-started" \t "https://blog.csdn.net/qq_26954773/article/details/_blank)。

*安装 .Net Core*

执行命令安装 .Net Core

[root@localhost ~]# yum install -y libunwind libicu

[root@localhost ~]# curl -SL -o dotnet.tar.gz https://go.microsoft.com/fwlink/?linkid=848821

root@localhost ~]# sudo mkdir -p /usr/local/dotnet && sudo tar zxf dotnet.tar.gz -C /usr/local/dotnet

[root@localhost ~]# sudo ln -s /usr/local/dotnet/dotnet /usr/local/bin

*创建 Hello World 控制台程序*

创建并运行 Console 项目 hwapp

[root@localhost ~]# dotnet new console -o hwapp

[root@localhost ~]# cd hwapp/

[root@localhost hwapp]# dotnet restore

Restoring packages for /root/hwapp/hwapp.csproj...

Generating MSBuild file /root/hwapp/obj/hwapp.csproj.nuget.g.props.

Generating MSBuild file /root/hwapp/obj/hwapp.csproj.nuget.g.targets.

Writing lock file to disk. Path: /root/hwapp/obj/project.assets.json

Restore completed in 577.12 ms for /root/hwapp/hwapp.csproj.

NuGet Config files used:

/root/.nuget/NuGet/NuGet.Config

Feeds used:

https://api.nuget.org/v3/index.json

[root@localhost hwapp]# dotnet run

Hello World!

*创建并运行 ASP.NET Core Web 应用*

*root@localhost hwapp]# cd /home/*

*[root@localhost home]# mkdir aspnetcoreapp*

*[root@localhost home]# cd aspnetcoreapp/*

*[root@localhost aspnetcoreapp]# dotnet new web*

*Content generation time: 138.8097 ms*

*The template "ASP.NET Core Empty" created successfully.*

*[root@localhost aspnetcoreapp]# dotnet restore*

*Restoring packages for /home/aspnetcoreapp/aspnetcoreapp.csproj...*

*Generating MSBuild file /home/aspnetcoreapp/obj/aspnetcoreapp.csproj.nuget.g.props.*

*Generating MSBuild file /home/aspnetcoreapp/obj/aspnetcoreapp.csproj.nuget.g.targets.*

*Writing lock file to disk. Path: /home/aspnetcoreapp/obj/project.assets.json*

*Restore completed in 872.38 ms for /home/aspnetcoreapp/aspnetcoreapp.csproj.*

*NuGet Config files used:*

*/root/.nuget/NuGet/NuGet.Config*

*Feeds used:*

*https://api.nuget.org/v3/index.json*

*[root@localhost aspnetcoreapp]# dotnet run*

*Hosting environment: Production*

*Content root path: /home/aspnetcoreapp*

*Now listening on: http://localhost:5000*

*Application started. Press Ctrl+C to shut down.*