

Get clone dotnet/runtime from github

[资料]<https://github.com/dotnet/runtime>

```
C:\dotnetruntime>git clone https://github.com/dotnet/runtime.git
Cloning into 'runtime'...
remote: Enumerating objects: 43, done.
remote: Counting objects: 100% (43/43), done.
remote: Compressing objects: 100% (43/43), done.
remote: Total 1698306 (delta 12), reused 0 (delta 0), pack-reused 1698263
Receiving objects: 100% (1698306/1698306), 404.54 MiB | 4.72 MiB/s, done.
Resolving deltas: 100% (1224669/1224669), done.
Updating files: 100% (54419/54419), done.
```

Requirements to build dotnet/runtime on Windows.

[资料]<https://github.com/dotnet/runtime/blob/master/docs/workflow/requirements/windows-requirements.md>

Build

[资料]<https://github.com/dotnet/runtime/tree/master/docs/workflow/building/coreclr>

Building

To build just CoreCLR, use the `-subset` flag to the `build.sh` (or `build.cmd`) script **at the repo root**.

For Linux:

```
./build.sh -subset clr
```

For Windows:

```
build.cmd -subset clr
```

输入命令：

```
C:\dotnetruntime\runtime>build.cmd -subset clr
GET https://dot.net/v1/dotnet-install.ps1
dotnet-install: Downloading link: https://dotnetcli.azureedge.net/dotnet/Sdk/5.0.100-rc.2.20479.15/dotnet-sdk-5.0.100-rc.2.20479.15-win-x64.zip
dotnet-install: Extracting zip from https://dotnetcli.azureedge.net/dotnet/Sdk/5.0.100-rc.2.20479.15/dotnet-sdk-5.0.100-rc.2.20479.15-win-x64.zip
dotnet-install: Adding to current process PATH: "C:\dotnetruntime\runtime\dotnet". Note: This change will not be visible if PowerShell was run as a child process.
dotnet-install: Installation finished
Determining projects to restore...
Tool 'coverlet.console' (version '1.7.2') was restored. Available commands: coverlet
Tool 'dotnet-reportgenerator-globaltool' (version '4.5.8') was restored. Available commands: reportgenerator
Tool 'microsoft.dotnet.xharness.cli' (version '1.0.0-prerelease.20528.1') was restored. Available commands: xharness
Restore was successful.
Restored C:\Users\Administrator\.nuget\packages\microsoft.dotnet.arcade.sdk\6.0.0-beta.20526.10\tools\Tools.proj (in 9
```

运行成功截图

```
0.0-dev.nupkg
Microsoft.NETCore.ILAsm -> C:\dotnetruntime\runtime\artifacts\packages\Debug\Shipping\Microsoft.NETCore.ILAsm.6.0.0-dev.nupkg
Microsoft.NETCore.ILDasm -> C:\dotnetruntime\runtime\artifacts\packages\Debug\Shipping\Microsoft.NETCore.ILDasm.6.0.0-dev.nupkg
runincontext -> C:\dotnetruntime\runtime\artifacts\bin\coreclr\Windows_NT.x64.Debug\runincontext.dll
ILCompiler.Reflection.ReadyToRun -> C:\dotnetruntime\runtime\artifacts\bin\coreclr\Windows_NT.x64.Debug\ILCompiler.Reflection.ReadyToRun.dll
R2RTest -> C:\dotnetruntime\runtime\artifacts\bin\coreclr\Windows_NT.x64.Debug\R2RTest\R2RTest.dll
R2RDump -> C:\dotnetruntime\runtime\artifacts\bin\coreclr\Windows_NT.x64.Debug\R2RDump\R2RDump.dll
dotnet-pgo -> C:\dotnetruntime\runtime\artifacts\bin\coreclr\Windows_NT.x64.Debug\dotnet-pgo\dotnet-pgo.dll

Build succeeded.
    0 Warning(s)
    0 Error(s)

Time Elapsed 00:09:04.66
```