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Martin Richards
23 February 2007

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```
<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
  </ItemGroup>
  <ItemGroup>
    <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
  </ItemGroup>
</Project>
```

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new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),

```
new XElement("fm",
  new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
  new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
  new XElement("p", "XML version by Jon Bosak, 1996-1997."),
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This is a port of the SciMark2a Java Benchmark to C# by
Chris Re (cmr28@cornell.edu) and Werner Vogels (vogels@cs.cornell.edu)

For details on the original authors see <http://math.nist.gov/scimark2>

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<Project Sdk="Microsoft.Build.NoTargets">

<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="\$(InstallerTasksAssemblyPath)" />

<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">

<PropertyGroup>

<TpnFile>\$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>

</PropertyGroup>

<!--

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

-->

<ItemGroup>

<TpnRepo Include="dotnet/runtime" />

<TpnRepo Include="dotnet/aspnetcore" />

<TpnRepo Include="dotnet/installer" />

<TpnRepo Include="dotnet/roslyn-analyzers" />

<TpnRepo Include="dotnet/templating" />

<TpnRepo Include="dotnet/winforms" />

<TpnRepo Include="dotnet/wpf" />

<TpnRepo Include="dotnet/linker" />

<!--

Additional repos that

should be included but don't have any third-party-notices files:

dotnet/efcore

dotnet/emsdk

dotnet/extensions

dotnet/icu

dotnet/sdk

dotnet/windowsdesktop

-->

<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />

<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />

<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />

</ItemGroup>

<RegenerateThirdPartyNotices

TpnFile="\$(TpnFile)"

PotentialTpnPaths="@ (PotentialTpnPath)"

TpnRepos="@ (TpnRepo)" />

<Message Text="\$(MSBuildProjectName) -> \$(TpnFile)" Importance="High" />

</Target>

</Project>

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<https://github.com/madler/zlib>
https://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.12, March 27th, 2022

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jloup@gzip.org	madler@alumni.caltech.edu

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By Sean Eron Anderson
seander@cs.stanford.edu

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1.3 reactiveswift 4.0.1

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1.4 microsoft.windows.compatibility 7.0.1

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1.5 tss.msr 2.1.1

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1.6 system.commandline 2.0.0-beta4.22272.1

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1.7 criollo 0.5.5

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1.8 microsoft.windows.sdk.net.ref

10.0.22621.28

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<summary>Indicates that the user has permission to use the feature, and that the feature is still in the "limited
access" state.</summary>
<member name="T:Windows.ApplicationModel.UserActivities.UserActivityAttribution">
<member name="M:Windows.ApplicationModel.UserActivities.UserActivityAttribution.#ctor">
<summary>Create a **UserActivityAttribution** object.</summary>
<member
name="M:Windows.ApplicationModel.UserActivities.UserActivityAttribution.#ctor(Windows.Foundation.Uri)">
<summary>Create a **UserActivityAttribution** object with the specified icon image URI.</summary>
<param name="iconUri">The Uniform Resource Identifier (URI) of the icon image to use with this
**UserActivityAttribution**.</param>
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<member
name="P:Windows.ApplicationModel.UserActivities.UserActivityAttribution.AlternateText">
<member name="P:Windows.ApplicationModel.UserActivities.UserActivityAttribution.IconUri">
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<returns>**true** if permission is granted. Otherwise, **false**.</returns>
<member name="P:Windows.Services.Maps.MapService.DataAttributions">
<member name="P:Windows.Services.Maps.LocalSearch.LocalLocation.DataAttribution">

```

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* /microsoft-windows-sdk-net-ref-10-0-22621-31-zip/lib/net6.0/Microsoft.Windows.SDK.NET.xml

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/microsoft-windows-sdk-net-ref-10-0-22621-31-zip/lib/net6.0/Microsoft.Windows.SDK.NET.dll: binary file matches

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* /bin/grep

1.9 lumberjackconsole 1.0.2

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

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<https://github.com/dotnet/coreclr/blob/a9074bce5e3814db67dbec1c56f477202164d162/tests/src/sizeondisk/sodbench/SoDBench.cs#L738>

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<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
  </ItemGroup>
  <ItemGroup>
    <ProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
  </ItemGroup>
</Project>
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By Sean Eron Anderson
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1.12 azure-activedirectory-identitymodel-extensions-for-dotnet 6.29.0

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1.13 system-formats-asn 7.0.0

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Martin Richards

23 February 2007

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```
<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <Compile Include="..\..\ServerContracts\Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts\Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts\ServerGuids.cs" />
  </ItemGroup>
</ItemGroup>
```

```
<CMakeProjectReference Include="../../NativeServer/CMakeLists.txt" />
<ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
</ItemGroup>
</Project>
```

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```
-----
new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),
new XElement("fm",
  new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
  new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
  new XElement("p", "XML version by Jon Bosak, 1996-1997."),
  new XElement("p", "This work may be freely copied and distributed worldwide.")
)
```

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```
-----
https://github.com/dosvidos/SciMark
```

<license>

This is a port of the SciMark2a Java Benchmark to C# by
Chris Re (cmr28@cornell.edu) and Werner Vogels (vogels@cs.cornell.edu)

For details on the original authors see <http://math.nist.gov/scimark2>

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```
<Project Sdk="Microsoft.Build.NoTargets">
```

```
<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="$(InstallerTasksAssemblyPath)" />
```

```
<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">
```

```
<PropertyGroup>
```

```
<TpnFile>$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>
```

```
</PropertyGroup>
```

```
<!--
```

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

```
-->
```

```
<ItemGroup>
```

```
<TpnRepo Include="dotnet/runtime" />
```

```
<TpnRepo Include="dotnet/aspnetcore" />
```

```
<TpnRepo Include="dotnet/installer" />
```

```
<TpnRepo Include="dotnet/roslyn-analyzers" />
```

```
<TpnRepo Include="dotnet/templating" />
```

```
<TpnRepo Include="dotnet/winforms" />
```

```
<TpnRepo Include="dotnet/wpf" />
```

```
<TpnRepo Include="dotnet/linker" />
```

```
<!--
```

Additional repos that should be included but don't have any third-party-notices files:

dotnet/efcore

dotnet/emsdk

dotnet/extensions

dotnet/icu

dotnet/sdk

dotnet/windowsdesktop

```
-->
```

```
<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
```

```

    <PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
    <PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
    <PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
    <PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
  </ItemGroup>

  <RegenerateThirdPartyNotices
    TpnFile="$(TpnFile)"
    PotentialTpnPaths="@ (PotentialTpnPath)"
    TpnRepos="@ (TpnRepo)" />

  <Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

</Project>

```

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<https://github.com/madler/zlib>
https://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.12, March 27th, 2022

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Bit Twiddling Hacks

By Sean Eron Anderson
seander@cs.stanford.edu

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Aspects of Date/Time processing based on algorithm described in "Euclidean Affine Functions and Applications to Calendar

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By Sean Eron Anderson
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables

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1.19 moq 4.13.1

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1.20 fluxor 5.9.0

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1.22 tdoauth 1.6.2

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1.24 microsoft-identitymodel-tokens 6.29.0

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1.25 cuckoo 1.10.3

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1.30 system.diagnostics.eventlog 7.0.0

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# Contributions to .NET Core SDK 1.0

```

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```

```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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- [Geoff Norton (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=grompf@gmail.com>)

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[Rob Relyea (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@relyeas.net>)

- [Aleksandar Milicevic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=almili@microsoft.com>)

- [Falco (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rs38@users.noreply.github.com>)

- [Erik Schierboom (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erik_schierboom@hotmail.com)

- [Scott Carlton (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-sccarl@microsoft.com>)

- [Senthil Chellappan (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@bose.guest.corp.microsoft.com>)

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- [Dongyun Jin (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dongyun.jin@samsung.com>)

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[William Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=wul@microsoft.com>)

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- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
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- [Mattias Karlsson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se>)
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Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- * [CLI](#cli)
- * [CoreCLR](#coreclr)
- * [CoreFX](#corefx)
- * [WCF](#wcf)

CLI

* [Livar Cunha (311)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)

* [Piotr Puskiewicz (219)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com>)

* [Eric Erhardt (159)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

* [Justin Goshi (145)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com>)

* [Krzysztof Wicher (103)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com>)

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* [Nick Guerrero (71)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com>)

* [William Li (67)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)

* [Livar (58)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com>)

* [Jon Sequeira (52)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com>)

* [Livar Cunha (38)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com>)

* [Daniel Plaisted (34)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com>)

* [Faizan Ahmad (30)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsoft.com>)

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[Zlatko Knezevic (29)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com>)

* [Bryan Thornbury (26)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com>)

* [Scott Carlton (19)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-sccarl@microsoft.com>)

* [mlorbetske (17)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)

* [Matt Ellis (16)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)

* [Rainer Sigwald (16)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)

* [Satya Madala (14)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=samadala@microsoft.com>)

* [Kevin Ransom (13)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com>)

* [Vijay Ramakrishnan (12)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.com>)

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[Rama Krishnan Raghupathy (12)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ramarag@microsoft.com>)

* [Justin Emgarten (11)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com>)

* [Steve Sanderson (11)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com>)

* [Ankit Mishra (11)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)

* [Harsh Jain (10)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=harjain@microsoft.com>)

* [Nate Amundson (9)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=naamunds@microsoft.com>)

* [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com>)

* [Chris Rummel (9)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

* [Enrico Sada (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)

* [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeffkl@microsoft.com>)

* [seancpeters (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sepeters@microsoft.com>)

* [Omair Majid (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com>)

* [Ashley Hauck (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com>)

* [Zbynk Sailer (7)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)

* [Shayne Boyer (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=spboyer@live.com>)

* [dasMulli (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

* [Arun Mahapatra (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codito@users.noreply.github.com>)

* [Parallels (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)

* [Mikkel Nylander Bundgaard (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com>)

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* [Maira Wenzel (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mairaw@microsoft.com>)

* [Jonathan Channon (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonathan.channon@gmail.com>)

* [Arun Mahapatra (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com>)

* [Sridhar Periyasamy (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sridhper@microsoft.com>)

* [Rohit Agrawal (NUGET) (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com>)

* [blackdwarf (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com>)

* [Christopher Costa (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=chcosta@microsoft.com>)

* [Ashish Jain (NUGET) (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com>)

* [Faizan2304 (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faizan2304@hotmail.com>)

* [Davis Goodin (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dagood@microsoft.com>)

* [mendhak (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=gpslogger@mendhak.com>)

* [PiotrP (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com>)

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* [William Lee (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=xingmu33@gmail.com>)

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CoreCLR

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- * [Jan Kotas (182)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
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- * [Bruce Forstall (101)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com>)
- * [Andy Ayers (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)
- * [wtgodbe (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
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- * [Joseph Tremoulet (58)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)
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.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing the your contributions so please, let us know if something is incorrect or missing.

****Thank you!!****

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Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

CLI

- [Eric Erhardt (54)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Livar Cunha (45)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com>)
- [Bryan Thornbury (27)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [Zlatko Knezevic (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com>)
- [Eric St. John (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com>)
- [eerhardt (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Senthil (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
- [Eric Mellino (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)
- [Sridhar Periyasamy (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com>)
- [Matt Ellis (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com>)
- [schellap (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)
- [Todd Moscinski (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
-
- [Livar (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
- [Andrew Stanton-Nurse (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
- [Pavel Krymets (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com>)
- [Ajay Bhargav Baaskaran (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [Jonathan Miller (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Krzysztof Wicher (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lpriya@microsoft.com>)

preview2.1?author=lasekar@microsoft.com)

- [Livar Cunha (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
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- [Piotr Puskiewicz (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)
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- [cartermp (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
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- [Kshama Pawar (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kspawa@microsoft.com>)
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- [Hyung-Kyu Choi
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- [Sejong Oh (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)
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- [Jarret Shook (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)
- [Wes Haggard
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- [sivarv (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sivarv@microsoft.com>)
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- [Hyung-Kyu Choi
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- [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancem@microsoft.com>)
- [Yi Zhang (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=yzha@microsoft.com>)
- [dotnet bot (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dotnet-bot@dotnetfoundation.org>)
- [Joel Hendrix (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
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- [Egor Chesakov (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-egche@microsoft.com>)
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- [Eugene Rozenfeld (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erozen@microsoft.com>)
- [Bruce Bowyer-Smyth
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Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- * [CLI](#cli)
- * [CoreCLR](#coreclr)
- * [CoreFX](#corefx)
- * [WCF](#wcf)

CLI

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- * [Mike Lorbet (39)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbet@n3-p.com>)
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- * [John Beisner (28)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com>)
- * [Eric Erhardt (22)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- * [William Li (21)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)
- * [Livar (14)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com>)
- * [Daniel Plaisted (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com>)
- * [Rainer Sigwald (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)
- * [Justin Emgarten (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com>)
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- * [Mikkel Nylander Bundgaard (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com>)
- * [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)
- * [Ankit Mishra (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)
- * [Ashish Jain (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com>)
- * [Matt Ellis (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)
- * [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
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- * [Jan Kotas (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
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* [Justin Van Patten (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

* [Joseph Musser (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)

* [Julien Couvreur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com>)

* [Alex Ghiondea (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

* [Matt Connew (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)

* [vsadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)

* [Jason Lin (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com>)

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* [Eric Erhardt (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

* [Stephen A. Imhoff (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

WCF

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* [Matt Connew (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com)
*
[KKhurin (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [Tarek Mahmoud Sayed
(2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Shin Mao (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com)
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# Contributions to .NET Core 2.0 Preview 1
```

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --
committer="dotnet-bot" --invert-grep
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

```
* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)
```

CLI

```
* [Livar Cunha (227)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puskiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
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[Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Eric Erhardt (136)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [jonsequitur (74)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com)
* [Jon Sequeira (51)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com)
* [Mike Lorbet (43)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbet@n3-p.com)
* [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsoft.com)
* [Livar Cunha (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Zlatko Knezevic (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com)
* [Bryan Thornbury (26)](https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com)
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```

[Livar (25)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com>)

- * [Daniel Plaisted (25)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com>)
- * [Nick Guerrero (21)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com>)
- * [Scott Carlton (19)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-sccarl@microsoft.com>)
- * [William Li (18)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)
- * [John Beisner (15)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com>)
- * [Satya Madala (14)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=samadala@microsoft.com>)
- * [Unknown (14)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com>)
- * [Rama Krishnan Raghupathy (12)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ramarag@microsoft.com>)
- *
- [Matt Ellis (12)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)
- * [Harsh Jain (10)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=harjain@microsoft.com>)
- * [Nate Amundson (9)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=naamunds@microsoft.com>)
- * [Ankit Mishra (9)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)
- * [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com>)
- * [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeffkl@microsoft.com>)
- * [Vijay Ramakrishnan (7)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.com>)
- * [Shayne Boyer (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=spboyer@live.com>)
- * [dasMulli (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)
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- * [Arun Mahapatra (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codito@users.noreply.github.com>)
- * [Parallels (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)
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- * [Jonathan Channon (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonathan.channon@gmail.com>)
- * [Zbynk Sailer (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)
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CoreCLR

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- * [Rahul Kumar (34)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com>)
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- * [Carol Eidt (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)
- * [Sean Gillespie (30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)
- * [Gaurav Khanna (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)
- * [Justin Van Patten (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)
- * [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)
- * [Tarek Mahmoud Sayed (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)
- * [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)
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- * [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

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[Attila Hajdrik (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=athajdri@microsoft.com>)

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* [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@microsoft.com>)

* [Gaurav Khanna (CLR) (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

* [Axel Heer (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=axel@heer.eu>)

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* [Shiming Ge (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-shige@microsoft.com>)

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* [Michal Strehovsk
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* [Yi Zhang (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yzha@microsoft.com>)

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* [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sjlee@mail.com>)

* [SunnyWar (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com>)

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* [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov-h@users.noreply.github.com>)

* [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov@codingrange.com>)

* [Yi Zhang (CLR)
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* [andrewlock (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net>)

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- * [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
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- * [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- * [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- * [hongdai (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- * [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
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- [Zhenlan Wang (4)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- * [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- * [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitchc@microsoft.com>)
- * [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- * [Chris R (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com>)
- * [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
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- * [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
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- [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)
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Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- * [CLI](#cli)
- * [CoreCLR](#coreclr)

* [CoreFX](#corefx)

* [WCF](#wcf)

CLI

* [Livar Cunha (78)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com>)

* [jbeisner (57)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com>)

* [Peter Huene (57)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com>)

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* [Livar (44)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com>)

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* [Nick Guerrero (36)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nicholg@microsoft.com>)

* [William Lee (33)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com>)

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* [Mike Lorbetske (14)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mlorbe@microsoft.com>)

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* [Wes Haggard (4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=Wes.Haggard@microsoft.com>)

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* [Jeff Kluge (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jeffkl@microsoft.com>)

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 * [Vijay Ramakrishnan (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)
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 * [Rakesh Ranjan Singh
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 * [Ahson Khan (44)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ahkha@microsoft.com>)
 * [Brian Robbins (35)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=brianrob@microsoft.com>)
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* [wtgodbe (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=wigodbe@microsoft.com>)
* [Alex (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=cod7alex@gmail.com>)
* [Alfred Myers
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* [Atanu (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=RoyAtanu@users.noreply.github.com>)
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1.31 system.text.encodings.web 4.7.2

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Bit Twiddling Hacks

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Martin Richards

23 February 2007

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<Project Sdk="Microsoft.Build.NoTargets">

<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="\$(InstallerTasksAssemblyPath)" />

<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">

<PropertyGroup>

<TpnFile>\$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>

</PropertyGroup>

<!--

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

-->

<ItemGroup>

<TpnRepo Include="dotnet/runtime" />

<TpnRepo Include="dotnet/aspnetcore" />

<TpnRepo Include="dotnet/installer" />


```

<TpnRepo Include="dotnet/roslyn-analyzers" />
<TpnRepo Include="dotnet/templating" />
<TpnRepo Include="dotnet/winforms" />
<TpnRepo Include="dotnet/wpf" />

<!--
  Additional repos that should be included but don't have any
third-party-notices files:
  dotnet/efcore
  dotnet/emsdk
  dotnet/extensions
  dotnet/icu
  dotnet/sdk
  dotnet/windowsdesktop
-->

<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>

<RegenerateThirdPartyNotices
  TpnFile="$(TpnFile)"
  PotentialTpnPaths="@ (PotentialTpnPath)"
  TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

</Project>
<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
  </ItemGroup>
  <ItemGroup>
    <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />

```

</ItemGroup>

</Project>

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.13, October 13th, 2022

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John R. Hauser
2018 January 20

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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By Sean Eron Anderson
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1.36 mtest.testframework 1.2.1

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1.38 mstest.testadapter 1.2.1

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1.39

system.configuration.configurationmanager 7.0.0

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Contributions to .NET Core SDK 1.0

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

.NET Core Tools (SDK)

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- [The Gitter Badger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=badger@gitter.im>)

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```

preview2.1?author=damian@damianedwards.com)
-
[William Li (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=wul@microsoft.com)
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# Contributions to .NET Core 2.0

```

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```

```bash

```

```
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
...
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

## ## CLI

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- \* [Sridhar Periyasamy (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sridhper@microsoft.com>)
- \* [Rohit Agrawal (NUGET) (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com>)
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.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing your contributions so please, let us know if something is incorrect or missing.

**\*\*Thank you!!\*\***

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Contributions to .NET Core 1.1

```

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## CLI

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## # Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

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# Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --
committer="dotnet-bot" --invert-grep
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

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## # Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

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## ## CoreFX

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## 3.0.0

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# 1.46 system.buffers 4.5.1

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Martin Richards

23 February 2007

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<Project Sdk="Microsoft.Build.NoTargets">

<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="\$(InstallerTasksAssemblyPath)" />

<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">

<PropertyGroup>

<TpnFile>\$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>

</PropertyGroup>

<!--

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

-->

<ItemGroup>

<TpnRepo Include="dotnet/runtime" />

<TpnRepo Include="dotnet/aspnetcore" />

<TpnRepo Include="dotnet/installer" />

```

<TpnRepo Include="dotnet/roslyn-analyzers" />
<TpnRepo Include="dotnet/templating" />
<TpnRepo Include="dotnet/winforms" />
<TpnRepo Include="dotnet/wpf" />

<!--
 Additional repos that should be included but don't have any
third-party-notices files:
 dotnet/efcore
 dotnet/emsdk
 dotnet/extensions
 dotnet/icu
 dotnet/sdk
 dotnet/windowsdesktop
-->

<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>

<RegenerateThirdPartyNotices
 TpnFile="$(TpnFile)"
 PotentialTpnPaths="@ (PotentialTpnPath)"
 TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

</Project>
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[https://zlib.net/zlib\\_license.html](https://zlib.net/zlib_license.html)

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.13, October 13th, 2022

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Bit Twiddling Hacks

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Aspects of Date/Time processing based on algorithm described in "Euclidean Affine Functions and Applications to Calendar

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```
<Project Sdk="Microsoft.NET.Sdk">
```

```
<PropertyGroup>
```

```
<OutputType>Exe</OutputType>
```

```
<ApplicationManifest>App.manifest</ApplicationManifest>
```

```
</PropertyGroup>
```

```
<ItemGroup>
```

```
<Compile Include="Program.cs" />
```

```
<Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
```

```
<Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
```

```
<Compile Include="..\..\ServerContracts/ServerGuids.cs" />
```

```
</ItemGroup>
```

```
<ItemGroup>
```

```
<CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
```

```
<ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
```

```
</ItemGroup>
```

```
</Project>
```

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```
new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),
new XElement("fm",
 new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
 new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
 new XElement("p", "XML version by Jon Bosak, 1996-1997."),
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```

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Chris Re (cmr28@cornell.edu) and Werner Vogels (vogels@cs.cornell.edu)

For details on the original authors see <http://math.nist.gov/scimark2>

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PCRE2 is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.



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included in the distribution is a just-in-time compiler that can be used to  
optimize pattern matching. This is an optional feature that can be omitted when  
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Written by: Philip Hazel  
Email local part: Philip.Hazel  
Email domain: gmail.com

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The punycode implementation  
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Contributions to .NET Core SDK 1.0
```

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

#### ## .NET Core Tools (SDK)

```
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- [Livar Cunha (303)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Eric Erhardt (273)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com)
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[Piotr Puskiewicz (237)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com)
- [Sridhar Periyasamy (222)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com)
- [David Fowler (164)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com)
- [Andrew Stanton-Nurse (148)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net)
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[Mihai Codoban (43)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com)
- [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faahmad@microsoft.com)
- [Krzysztof Wicher (29)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mordotymoja@gmail.com)
- [Matt Ellis (26)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com)
```

- [Andy Gocke (25)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=angocke@microsoft.com>)
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- [Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Justin Goshi (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jgoshi@microsoft.com>)
- [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
- 
- [eerhardt (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Eric Mellino (18)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)
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- [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=danquirk@microsoft.com>)
- [Glenn Condrun (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=glenncc@microsoft.com>)
- [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=c.neumueller@gmail.com>)
- [Tanner Gooding (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@users.noreply.github.com>)
- [Richard Lander (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rlander@microsoft.com>)
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- [Justin Emgarten (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=justin@emgarten.com>)
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- [Ajay Bhargav Baaskaran (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [jplebre (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jplebre@gmail.com>)
- [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@firegiant.com>)
- [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeffkl@microsoft.com>)
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- [MichaelSimons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
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- [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Peter.Marcu@Microsoft.com>)
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- [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mmitchc@microsoft.com>)
- [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=chucks@microsoft.com>)
- 
- [dasMulli (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin.andreas.ullrich@gmail.com>)
- [cartermp (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
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- [Nate Amundson (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=naamunds@microsoft.com>)
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- [Arun Mahapatra (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=codito@users.noreply.github.com>)
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- [seancpeters (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sepeters@microsoft.com>)

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- [Falco (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rs38@users.noreply.github.com>)
- [Erik Schierboom (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erik\\_schierboom@hotmail.com](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erik_schierboom@hotmail.com))
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- [Senthil Chellappan (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@bose.guest.corp.microsoft.com>)
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- [Simon de Lang (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=simondelang@gmail.com>)
- [Dongyun Jin (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dongyun.jin@samsung.com>)
- [Tanner Gooding (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@outlook.com>)
- [Dennis Fischer (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer\\_dennis@live.de](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer_dennis@live.de))
- [The Gitter Badger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=badger@gitter.im>)
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- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dapodd@microsoft.com>)
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- [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
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- [kloun (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrey0bolkonsky@gmail.com>)
- [kotov.a (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com>)
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- [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alpaix@outlook.com>)
- [Mark Clearwater (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mclearwater@gmail.com>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=MattGal@users.noreply.github.com>)
- [Luke Elliott (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=revlucio@gmail.com>)
- [Mattias Karlsson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ch40z-Lord@outlook.com>)

# Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

```
* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)
```

## CLI

```
* [Livar Cunha (311)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puskiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
* [Eric Erhardt (159)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
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## ## CoreCLR

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.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing your contributions so please, let us know if something is incorrect or missing.

**\*\*Thank you!!\*\***

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</br>[Matthias Cavigelli (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=cavigelli@gmail.com)  
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</br>[predavid 67659949+predavid@users.noreply.github.com  
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</br>[William Godbe (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=wigodbe@microsoft.com)
</br>[William Li (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com)
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)
Contributions to .NET Core 1.1

```

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## CLI

```

- [Eric Erhardt (54)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Livar Cunha (45)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Bryan Thornbury (27)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com)
- [Zlatko
Knezevic (11)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com)
- [Eric St. John (10)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com)
- [eerhardt (10)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Senthil (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Eric Mellino (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com)
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```



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- [Livar (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
- [Andrew Stanton-Nurse (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
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# Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

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# Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --
committer="dotnet-bot" --invert-grep
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

## ## CLI



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- \* [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \* [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- \* [Chris R (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- \* [Matt Connew (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [Carol Wang (Inspur Worldwide Services Ltd) (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- \* [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
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[Rich Lander (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com)
* [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
Contributions to .NET Core 2.1
```

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

```
* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)
```

## ## CLI

```
* [Livar Cunha (78)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com)
* [jbeisner (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
* [Peter Huene (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com)
* [Nate McMaster
(46)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com)
* [Livar (44)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com)
*
[John Beisner (42)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
* [Nick Guerrero (36)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nicholg@microsoft.com)
* [William Lee (33)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
* [William Li (22)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
* [Andy Gerlicher (18)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=angerlic@microsoft.com)
* [John Beisner
(18)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johnbeisner@users.noreply.github.com)
* [Livar Cunha (14)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com)
* [Mike Lorbeteske (14)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mlorbe@microsoft.com)
* [Matt Mitchell (10)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mmitch@microsoft.com)
* [John Luo (9)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jt.luo@mail.utoronto.ca)
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[Zbynk Sailer (9)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-zbsail@microsoft.com)
* [Pranav K (9)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=prkrishn@hotmail.com)
* [Rainer Sigwald (8)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=raines@microsoft.com)
* [Parallels (7)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com)
* [danmosemsft (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=danmose@microsoft.com)
* [John Luo (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johluo@microsoft.com)
* [Daniel Plaisted (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=daplaist@microsoft.com)
* [Kevin Ransom
```

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- \* [Bruce Forstall (94)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=brucefo@microsoft.com>)
- \* [Steve MacLean (69)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)
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- \* [Michal Strehovsk (25)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com>)
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- \* [Anirudh Agnihotry (23)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)
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- \* [Sung Yoon Whang (19)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=suwhang@microsoft.com>)
- \* [David Mason (17)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davmason@microsoft.com>)
- \* [Mike McLaughlin (17)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mikem@microsoft.com>)
- \* [Matt Mitchell (17)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mmitch@microsoft.com>)
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- [Wes Haggard (15)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=Wes.Haggard@microsoft.com>)
- \* [Konstantin Baladurin (15)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=k.baladurin@partner.samsung.com>)
- \* [Victor "Nate" Graf (14)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=nategraf1@gmail.com>)
- \* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=onemihaid@hotmail.com>)
- \* [Jeremy Kuhne (14)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jeremy.kuhne@microsoft.com>)
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# 1.50 system.runtime.compilerservices.unsafe

## 6.0.0

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License notice for A Benchmark Test for Systems Implementation Languages

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<http://www.cl.cam.ac.uk/~mr10/Bench/README>

Please feel free to re-implement this benchmark in any language you choose. I would be happy to incorporate such translations into this distribution together with their timing/size results.

Martin Richards

23 February 2007

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```
<Project Sdk="Microsoft.NET.Sdk">
 <PropertyGroup>
 <OutputType>Exe</OutputType>
 <ApplicationManifest>App.manifest</ApplicationManifest>
 </PropertyGroup>
 <ItemGroup>
 <Compile Include="Program.cs" />
 <Compile Include="..\..\ServerContracts\Server.CoClasses.cs" />
 <Compile Include="..\..\ServerContracts\Server.Contracts.cs" />
 <Compile Include="..\..\ServerContracts\ServerGuids.cs" />
 </ItemGroup>
 <ItemGroup>
 <CMakeProjectReference Include="..\..\NativeServer\CMakeLists.txt" />
 </ItemGroup>
</Project>
```

```
<ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
</ItemGroup>
</Project>
```

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```
new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),
new XElement("fm",
 new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
 new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
 new XElement("p", "XML version by Jon Bosak, 1996-1997."),
 new XElement("p", "This work may be freely copied and distributed worldwide.")
```

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License notice for SciMark C#

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<https://github.com/dosvidos/SciMark>

```
<license>
```

This is a port of the SciMark2a Java Benchmark to C# by  
Chris Re ([cmr28@cornell.edu](mailto:cmr28@cornell.edu)) and Werner Vogels ([vogels@cs.cornell.edu](mailto:vogels@cs.cornell.edu))

For details on the original authors see <http://math.nist.gov/scimark2>

This software is likely to burn your processor, bitflip your memory chips  
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```

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```
<Project Sdk="Microsoft.Build.NoTargets">
```

```
<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="$(InstallerTasksAssemblyPath)" />
```

```
<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">
```

```
<PropertyGroup>
```

```
<TpnFile>$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>
```

```
</PropertyGroup>
```

```
<!--
```

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

```
-->
```

```
<ItemGroup>
```

```
<TpnRepo Include="dotnet/runtime" />
```

```
<TpnRepo Include="dotnet/aspnetcore" />
```

```
<TpnRepo Include="dotnet/installer" />
```

```
<TpnRepo Include="dotnet/roslyn-analyzers" />
```

```
<TpnRepo Include="dotnet/templating" />
```

```
<TpnRepo Include="dotnet/winforms" />
```

```
<TpnRepo Include="dotnet/wpf" />
```

```
<TpnRepo Include="dotnet/linker" />
```

```
<!--
```

Additional repos that should be included but don't have any third-party-notices files:

dotnet/efcore

dotnet/emsdk

dotnet/extensions

dotnet/icu

dotnet/sdk

dotnet/windowsdesktop

```
-->
```

```
<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
```

```

<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>

<RegenerateThirdPartyNotices
 TpnFile="$(TpnFile)"
 PotentialTpnPaths="@ (PotentialTpnPath)"
 TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

```

</Project>

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<https://github.com/madler/zlib>  
[https://zlib.net/zlib\\_license.html](https://zlib.net/zlib_license.html)

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.12, March 27th, 2022

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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media-playback-pause.png  
media-playback-start.png  
process-stop.png  
redo.png (modified version of edit-redo.png)  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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By Sean Eron Anderson

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<http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/>  
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/>  
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/>

The specification of DOM Level 1's various parts is at:

<http://www.w3.org/TR/1998/REC-DOM-Level-1-19981001/level-one-html.html>

Links to all available W3C DOM Java Bindings can be found at:

<http://www.w3.org/DOM/DOMTR>

The actual classes of The Simple API for CSS (SAC) came from:

<http://www.w3.org/Style/CSS/SAC/>

<http://www.w3.org/2002/06/sacjava-1.3.zip>

The actual DOM Java Language Binding classes for SMIL came from:

<http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/>

(both `ElementTimeControl.java` and `TimeEvent.java` were taken at revision 1.1)

The actual DOM Java Language Binding classes for SVG 1.1 came from:

<http://www.w3.org/TR/SVG11/java.html>

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## 1.56 system.management 7.0.2

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Martin Richards  
23 February 2007

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<Project Sdk="Microsoft.Build.NoTargets">

<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="\$(InstallerTasksAssemblyPath)" />

<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">

<PropertyGroup>

<TpnFile>\$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>

</PropertyGroup>

<!--

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

-->

<ItemGroup>

<TpnRepo Include="dotnet/runtime" />

<TpnRepo Include="dotnet/aspnetcore" />

<TpnRepo Include="dotnet/installer" />

<TpnRepo Include="dotnet/roslyn-analyzers" />

<TpnRepo Include="dotnet/templating" />

<TpnRepo Include="dotnet/winforms" />

<TpnRepo Include="dotnet/wpf" />

```

<!--
Additional repos that should be included but don't have any
third-party-notices files:
 dotnet/efcore
 dotnet/emsdk
 dotnet/extensions
 dotnet/icu
 dotnet/sdk
 dotnet/windowsdesktop
-->

<TpnRepo Condition="'%(TpnRepo.Branch)' == '' Branch='main' />

<PotentialTpnPath Include='THIRD-PARTY-NOTICES.TXT' />
<PotentialTpnPath Include='THIRD-PARTY-NOTICES.txt' />
<PotentialTpnPath Include='THIRD-PARTY-NOTICES' />
<PotentialTpnPath Include='THIRDPARTYNOTICES.TXT' />
<PotentialTpnPath Include='THIRDPARTYNOTICES.txt' />
</ItemGroup>

<RegenerateThirdPartyNotices
 TpnFile="$(TpnFile)"
 PotentialTpnPaths="@ (PotentialTpnPath)"
 TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

</Project>
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 new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
 new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
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 <PropertyGroup>
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 <ApplicationManifest>App.manifest</ApplicationManifest>
 </PropertyGroup>
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 <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
 <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
 <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
 </ItemGroup>
 <ItemGroup>
 <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
 <ProjectReference Include="$(TestLibraryProjectPath)" />
 </ItemGroup>
</Project>
```

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The punycode implementation  
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## ## Core Tools

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## ## Core Docs

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# Contributions to .NET Core SDK 1.0

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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#### # Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- \* [CLI](#cli)
- \* [CoreCLR](#coreclr)
- \* [CoreFX](#corefx)
- \* [WCF](#wcf)

#### ## CLI

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.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to  
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recognizing the your contributions so please, let us know if something is incorrect or missing.

**\*\*Thank you!!\*\***

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Contributions to .NET Core 1.1

```

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}

```

...

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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CoreFX

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Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
``bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
``
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- * [CLI](#cli)
- * [CoreCLR](#coreclr)
- * [CoreFX](#corefx)
- * [WCF](#wcf)

CLI

- * [Livar Cunha (57)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)
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- * [Nick Guerrero (29)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com>)
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- * [Livar (14)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com>)
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CoreCLR

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- * [Alex Ghiondea](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
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- * [Stephen Toub (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)
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- * [mskvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)
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CoreFX

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Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is

generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --
committer="dotnet-bot" --invert-grep
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- * [CLI](#cli)
- * [CoreCLR](#coreclr)
- * [CoreFX](#corefx)
- * [WCF](#wcf)

CLI

- * [Livar Cunha (227)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)
- * [Piotr Puskiewicz (219)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com>)
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- [Justin Goshi (145)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com>)
- * [Eric Erhardt (136)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- * [Krzysztof Wicher (103)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com>)
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- * [Livar Cunha (29)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com>)
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- * [Bryan Thornbury (26)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com>)
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 * [Shin Mao (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)
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- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)
- * [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesarbs@gmail.com>)
- * [Cesar Blum
- Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesars@microsoft.com>)
- * [Chris R (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=crummel@microsoft.com>)
- * [Chris S (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mrshrinkray@gmail.com>)
- * [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)
- * [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)
- * [Eugene Rozenfeld (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erozen@microsoft.com>)
- * [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)
- * [Fredrik Hister Rasch
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)
- * [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)
- * [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)
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- [Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)
- * [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)
- * [Jay Simmons (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jsimmons@microsoft.com>)
- * [JayG (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jguady@users.noreply.github.com>)
- * [Jiang Zeng (Pactera Technologies Inc) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)
- * [JimboWei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-wjiang@microsoft.com>)
- * [John Chen (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)
- * [Jonathan Mezach
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonathanmezach@gmail.com>)
- * [Jorge J. de la Fuente
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)
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- [Joseph Musser (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)
- * [Josh Free
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com>)
- * [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

* [Kirill Osenkov]
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=KirillOsenkov@users.noreply.github.com>)

* [Liangyaozhi (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter_liang@outlook.com)

* [Llewellyn Pritchard (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xacc.ide@gmail.com>)

* [Mariana Rios Flores]
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* [MarkusSintonen]
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[Martin Lapierre]
 (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapierre@devinstinct.com)

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* [Martin Woodward]
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin@dotnetfoundation.org>)

* [Matt Connew (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)

* [Matthew Parkinson]
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[Nate Barbettini (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nathanaelb@gmail.com>)

* [Odyth (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jstofle@gmail.com>)

* [Olof Olsson]
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* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omair.majid@gmail.com>)

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* [Robert Matuszewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com>)

* [Robert Sk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosek@tlen.pl>)

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- * [Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)
- * [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)
- * [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)
- * [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sjlee@mail.com>)
- * [SunnyWar (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com>)
- * [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)
- * [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)
- * [Tarun Pothulapati (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)
- * [Tautvydas Zilys (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.com>)
- * [Tomas Matousek (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas.matousek@microsoft.com>)
- * [Travis Querec (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@gmail.com>)
- * [Travis Querec (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@microsoft.com>)
- * [Tyler Brinkley (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)
- * [Vladimir Sadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
- * [Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)
- * [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov-h@users.noreply.github.com>)
- * [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov@codingrange.com>)
- * [Yi Zhang (CLR) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)
- * [andrewlock (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net>)
- * [costahome (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com)
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- [dnickless (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net>)
- * [dstuckims (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dstucki@microsoft.com>)
- * [nightshinez (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nightshinez@users.noreply.github.com>)
- * [obligaron (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=obligaron@live.com>)
- * [ofirmakmal (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ofir.makmal@gmail.com>)
- * [smile21prc (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)
- * [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=michael@senexx.com>)
- * [tdupont750 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com>)
- * [v-yanbgu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)
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- [varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)
- * [vitek-karas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com>)

WCF

- * [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- * [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)

- * [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- * [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- * [hongdai (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- * [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- * [KKhurin (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
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- [Zhenlan Wang (4)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- * [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- * [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- * [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- * [Chris R (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com>)
- * [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- * [Matt Connew (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- * [Carol Wang (Inspur Worldwide Services Ltd) (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- * [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
- *
- [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)
- * [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

- * [CLI](#cli)
- * [CoreCLR](#coreclr)
- * [CoreFX](#corefx)
- * [WCF](#wcf)

CLI

- * [Livar Cunha (78)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com>)
- * [jbeisner (57)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com>)
- * [Peter Huene (57)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com>)
- * [Nate McMaster (46)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com>)
- * [Livar (44)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com>)
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[John Beisner (42)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com>)

* [Nick Guerrero (36)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nicholg@microsoft.com>)

* [William Lee (33)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com>)

* [William Li (22)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com>)

* [Andy Gerlicher (18)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=angerlic@microsoft.com>)

* [John Beisner (18)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johnbeisner@users.noreply.github.com>)

* [Livar Cunha (14)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com>)

* [Mike Lorbeteske (14)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mlorbe@microsoft.com>)

* [Matt Mitchell (10)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mmitch@microsoft.com>)

* [John Luo (9)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jt.luo@mail.utoronto.ca>)

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[Zbynk Sailer (9)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-zbsail@microsoft.com>)

* [Pranav K (9)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=prkrishn@hotmail.com>)

* [Rainer Sigwald (8)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=raines@microsoft.com>)

* [Parallels (7)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com>)

* [danmosemsft (6)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=danmose@microsoft.com>)

* [John Luo (6)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johluo@microsoft.com>)

* [Daniel Plaisted (6)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=daplaist@microsoft.com>)

* [Kevin Ransom (6)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=codecutter@fsharp@hotmail.com>)

* [Eric Erhardt (5)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=eric.erhardt@microsoft.com>)

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* [Nate McMaster (4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=natemcmaster@users.noreply.github.com>)

* [Wes Haggard (4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=Wes.Haggard@microsoft.com>)

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* [Mayank Bansal (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=maban@microsoft.com>)

* [Dan Moseley (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=danmose@microsoft.com>)

* [Jan Vorlicek (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=janvorli@microsoft.com>)

* [Javier Calvarro Nelson (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jacalvar@microsoft.com>)

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* [Tanner Gooding (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=tagoo@outlook.com>)

* [Vijay Ramakrishnan (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)

* [Kevin Ransom (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=codecutter.fsharp@hotmail.com>)

* [Davis Goodin (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=dagood@microsoft.com>)

* [vramak (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)

* [Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=raksingh@microsoft.com>)

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- * [jagarg (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jagarg@microsoft.com>)
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- [Jose Perez Rodriguez (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=joperezr@microsoft.com>)
- * [jbeisner
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johnbeisner@users.noreply.github.com>)
- * [Brice Lambson
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=bricelam@users.noreply.github.com>)
- * [root
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)
- * [test (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=test@net-dale.guest.corp.microsoft.com>)
- * [v-mdriml (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-mdriml@microsoft.com>)
- * [Steve MacLean
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sdmaclea.qdt@qualcommdatacenter.com>)
- * [Steve Harter
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=steveharter@users.noreply.github.com>)
- * [Sean Peters
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sepeters@microsoft.com>)
- * [Rohit Agrawal (NUGET
- (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=ragrawal@microsoft.com>)
- * [Yanchen Wu (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=yanchenw@microsoft.com>)

CoreCLR

- * [Tanner Gooding (151)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tagoo@outlook.com>)
- * [Jan Kotas (124)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jkotas@microsoft.com>)
- * [Bruce Forstall (94)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=brucefo@microsoft.com>)
- * [Steve MacLean
- (69)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)
- * [Fei Peng (66)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com>)
- * [Stephen Toub (56)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=stoub@microsoft.com>)
- * [Sergey Andreenko (52)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=seandree@microsoft.com>)
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* [Jonathan Gilbert (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=JonathanG@iQmetrix.com>)

* [Iroca88 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Iroca@uclv.edu.cu>)

* [madelson (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=1269046+madelson@users.noreply.github.com>)

WCF

* [Stephen Bonikowsky (41)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=stebon@microsoft.com>)

* [Matt Connew (11)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=mconnew@microsoft.com>)

* [Xing Mao (10)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=shmao@microsoft.com>)

- * [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=shmao@microsoft.com>)
- * [Kirill (1)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=netkill@bk.ru>)
- * [Zhenlan Wang (1)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=zhenlwa@microsoft.com>)

1.58 microsoft.csharp 4.7.0

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Martin Richards

23 February 2007

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```
<Project Sdk="Microsoft.Build.NoTargets">
```

```
<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="$(InstallerTasksAssemblyPath)" />
```

```
<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">
```

```
<PropertyGroup>
```

```
<TpnFile>$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>
```

```
</PropertyGroup>
```

```
<!--
```

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

```
-->
```

```
<ItemGroup>
```

```
<TpnRepo Include="dotnet/runtime" />
```

```
<TpnRepo Include="dotnet/aspnetcore" />
```

```
<TpnRepo Include="dotnet/installer" />
```

```
<TpnRepo Include="dotnet/roslyn-analyzers" />
```

```
<TpnRepo Include="dotnet/templating" />
```

```
<TpnRepo Include="dotnet/winforms" />
```

```
<TpnRepo Include="dotnet/wpf" />
```

```
<!--
```

Additional repos that should be included but don't have any third-party-notices files:

dotnet/efcore

dotnet/emsdk

dotnet/extensions

dotnet/icu

dotnet/sdk

dotnet/windowsdesktop

```
-->
```

```

<TpnRepo Condition="'%(TpnRepo.Branch)' == '' Branch="main" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>

<RegenerateThirdPartyNotices
  TpnFile="$(TpnFile)"
  PotentialTpnPaths="@ (PotentialTpnPath)"
  TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

</Project>

```

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.13, October 13th, 2022

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John R. Hauser
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  <ItemGroup>
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    <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
  </ItemGroup>
  <ItemGroup>
    <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
    <ProjectReference Include="$(TestLibraryProjectPath)" />
  </ItemGroup>
</Project>
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.3.1, January 22nd, 2024

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Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

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** Rick Grehan, BYTE Magazine

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1.60 common.logging.nlog41 3.4.1

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Bit Twiddling Hacks

By Sean Eron Anderson

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1.62 system.threading.tasks.extensions 4.5.1

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1.63 system.memory 4.5.4

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References:

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Martin Richards

23 February 2007

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```
<Project Sdk="Microsoft.Build.NoTargets">
```

```
<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="$(InstallerTasksAssemblyPath)" />
```

```
<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">
```

```
<PropertyGroup>
```

```
<TpnFile>$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>
```

```
</PropertyGroup>
```

```
<!--
```

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

```
-->
```

```
<ItemGroup>
```

```
<TpnRepo Include="dotnet/runtime" />
```

```
<TpnRepo Include="dotnet/aspnetcore" />
```

```
<TpnRepo Include="dotnet/installer" />
```

```
<TpnRepo Include="dotnet/roslyn-analyzers" />
```

```
<TpnRepo Include="dotnet/templating" />
```

```
<TpnRepo Include="dotnet/winforms" />
```

```
<TpnRepo Include="dotnet/wpf" />
```

```
<!--
```

Additional repos that should be included but don't have any

third-party-notices files:

- dotnet/efcore
- dotnet/emsdk
- dotnet/extensions
- dotnet/icu
- dotnet/sdk
- dotnet/windowsdesktop

-->

```
<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
```

```
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
```

```
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
```

```
</ItemGroup>
```

```
<RegenerateThirdPartyNotices
```

```
  TpnFile="$(TpnFile)"
```

```
  PotentialTpnPaths="@ (PotentialTpnPath)"
```

```
  TpnRepos="@ (TpnRepo)" />
```

```
<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
```

```
</Target>
```

```
</Project>
```

```
<Project Sdk="Microsoft.NET.Sdk">
```

```
<PropertyGroup>
```

```
<OutputType>Exe</OutputType>
```

```
<ApplicationManifest>App.manifest</ApplicationManifest>
```

```
</PropertyGroup>
```

```
<ItemGroup>
```

```
<Compile Include="Program.cs" />
```

```
<Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
```

```
<Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
```

```
<Compile Include="..\..\ServerContracts/ServerGuids.cs" />
```

```
</ItemGroup>
```

```
<ItemGroup>
```

```
<CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
```

```
<ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
```

```
</ItemGroup>
```

```
</Project>
```

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.13, October 13th, 2022

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John R. Hauser
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.3.1, January 22nd, 2024

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