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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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```

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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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By Sean Eron Anderson
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1.3 reactivereswift 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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<param name="attestation">A plain-english statement declaring that the publisher has permission to use the feature.</param>

<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>

<member name="P:Windows.ApplicationModel.UserActivities.UserActivityAttribution.AddImageQuery">

<member

name="P:Windows.ApplicationModel.UserActivities.UserActivityAttribution.AlternateText">

<member name="P:Windows.ApplicationModel.UserActivities.UserActivityAttribution.IconUri">

<member name="P:Windows.ApplicationModel.UserActivities.UserActivityVisualElements.Attribution">

<member

name="P:Windows.ApplicationModel.UserActivities.UserActivityVisualElements.AttributionDisplayText">

<member name="P:Windows.Networking.Connectivity.AttributedNetworkUsage.AttributionId">

<member name="P:Windows.Networking.Connectivity.AttributedNetworkUsage.AttributionName">

<member name="P:Windows.Networking.Connectivity.AttributedNetworkUsage.AttributionThumbnail">

<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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1.9 lumberjackconsole 1.0.2

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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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By Sean Eron Anderson
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in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

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Content: <https://stackoverflow.com/a/769713>

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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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version 1.2.11, January 15th, 2017

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By Sean Eron Anderson
seander@cs.stanford.edu

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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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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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/* zlib.h -- interface of the 'zlib' general purpose compression library
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By Sean Eron Anderson
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** BYTE Magazine's Native Mode benchmarks

** Rick Grehan, BYTE Magazine

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** Create:

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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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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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be

linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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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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- [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>)

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

- [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>)

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- [Damian Edwards (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=damian@damianedwards.com>)

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

- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)

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- [kotov.a (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.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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- [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>)
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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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* [John Beisner (76)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com>)

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

* [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>)

* [v-masche (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-masche@DDVMASCHE492>)

* [vsccarl (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-sccarl@microsoft.com>)

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

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* [Karthik Rajasekaran (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=karajas@microsoft.com>)

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* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nimullen@microsoft.com>)

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* [Nikolche Kolev (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolev@microsoft.com>)

* [Petr Onderka (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=gsvick@gmail.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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* [v-mdriml (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-mdriml@microsoft.com>)

* [faahmad (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-RTW3>)

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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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- [Pat Gavlin (143)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
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- * [Bruce Forstall (101)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com>)
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Contributions to .NET 5.0

.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

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- [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>)
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- [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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- [Todd Moscinski (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
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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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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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- * [Nick Guerrero (29)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com>)
- * [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>)
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- * [Rainer Sigwald (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)
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* [Gaurav Khanna (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

* [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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* [Stephen Bonikowsky (14)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com)
* [Zhenlan Wang (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com)
* [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)
*
[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=jonsequiera@gmail.com)
* [Jon Sequeira (51)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequiera@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)
*
```

[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>)
- * [Omair Majid (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com>)
- *
- [Justin Emgarten (6)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com>)
- * [Mike Lorbeteske (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mlorbe@microsoft.com>)
- * [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>)
- * [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>)
- * [Zbynk Sailer (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)
- * [blackdwarf (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com>)
- * [Sridhar Periyasamy (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sridhper@microsoft.com>)
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- [Faizan2304 (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faizan2304@hotmail.com>)
- * [Arun Mahapatra (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com>)
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- * [v-masche (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-masche@DDVMASCHE492>)
- * [vsccarl (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-sccarl@microsoft.com>)
- * [Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)
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- [Chris Rummel (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
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- [William Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com>)
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CoreCLR

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* [wtgodbe (60)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
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* [Michelle McDaniel (39)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)
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(38)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
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(37)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
* [Koundinya Veluri (35)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)
* [Rahul Kumar (34)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@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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[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>)

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

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

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 * [Vijay Ramakrishnan (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)
 * [Kevin Ransom
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 * [Davis Goodin (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=dagood@microsoft.com>)
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 * [Brice Lambson
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 * [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>)
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CoreCLR

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 * [Sergey Andreenko (52)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=seandree@microsoft.com>)
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 * [Brian Robbins (35)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=brianrob@microsoft.com>)
 * [Ben Adams (35)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=thundercat@illyriad.co.uk>)

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* [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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* [jashook (13)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@microsoft.com>)

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* [Justin Van Patten (12)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jvp@justinvp.com>)

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* [Russ Keldorph (7)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=Russ.Keldorph@microsoft.com>)

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[Tom Deseyn (6)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tom.deseyn@gmail.com>)
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* [Michal Strehovsk (5)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=michals@microsoft.com>)
* [Davis Goodin (5)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dagood@microsoft.com>)
* [Ian Hays (5)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ianha@microsoft.com>)
* [Levi Broderick (5)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=levib@microsoft.com>)
* [Eric Erhardt (5)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=eric.erhardt@microsoft.com>)
* [William Godbe (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=wigodbe@microsoft.com>)
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* [Jos Rivero (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jorive@microsoft.com>)
* [Dan Moseley (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=danmose@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
(2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=alfredmyers@users.noreply.github.com>)
* [Andon Andonov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anandono@microsoft.com>)
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* [Cesar Soares Lucas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=disoares@microsoft.com>)
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* [Matt Galbraith (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mattgal@microsoft.com>)

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- * [Chris Sienkiewicz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chsienki@microsoft.com>)
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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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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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<https://github.com/madler/zlib>
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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John R. Hauser
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Bit Twiddling Hacks

By Sean Eron Anderson
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1.38 mstest.testadapter 1.2.1

1.38.1 Available under license :

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1.39

system.configuration.configurationmanager

7.0.0

1.39.1 Notifications :

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit

(<http://www.openssl.org/>)

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

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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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```

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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- \* [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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- [Mike Lorbetske (100)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)
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- \* [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>)
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- \* [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>)
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- \* [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>)
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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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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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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.13, October 13th, 2022

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

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Email local part: Philip.Hazel  
Email domain: gmail.com

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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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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- [kotov.a (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.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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.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

```

- [Eric Erhardt (54)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
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```



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## CoreCLR

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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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- \* [Pat Gavlin (130)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
- \* [Bruce Forstall (80)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.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

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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>)
- \* [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>)
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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)
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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)
*
[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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\* [Kevin Ransom

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\* [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>)

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\* [test (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=test@net-dale.guest.corp.microsoft.com>)

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## ## 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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- [Carol Eidt (50)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=carol.eidt@microsoft.com>)
- \* [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>)
- \* [Ben Adams (35)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=thundercat@illyriad.co.uk>)
- \* [Brian Sullivan (33)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=briansul@microsoft.com>)
- \* [Andy Ayers (32)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=andya@microsoft.com>)
- \* [Jacek Blaszczyński (30)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=biosciencenow@outlook.com>)
- \* [Egor Chesakov (29)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=Egor.Chesakov@microsoft.com>)
- \* [Michal Strehovsk (25)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com>)
- \*
- [Jan Vorlicek (24)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=janvorli@microsoft.com>)
- \* [Anirudh Agnihotry (23)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)
- \* [Koundinya Veluri (22)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kouvel@users.noreply.github.com>)
- \* [Juan Carlos Aguilera Mendez (21)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=juanam@microsoft.com>)
- \* [Michelle McDaniel (19)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adiaaida@gmail.com>)
- \* [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>)
- \* [jashook (13)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@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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License notice for The Tragedy of Hamlet, Prince of Denmark

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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>

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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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We would, however, appreciate acknowledgements if this work is found useful. Note that according to GNU.org public domain is compatible with GPL.

```
<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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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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Bit Twiddling Hacks

By Sean Eron Anderson

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Bit Twiddling Hacks

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## 1.56 system.management 7.0.2

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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>

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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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```
<Project Sdk="Microsoft.NET.Sdk">
 <PropertyGroup>
 <!-- Needed for CMakeProjectReference -->
 <RequiresProcessIsolation>true</RequiresProcessIsolation>
 <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="$(TestLibraryProjectPath)" />
 </ItemGroup>
</Project>
```

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## 1.57 system.serviceprocess.servicecontroller

### 7.0.0

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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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- [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeffkl@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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.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.

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- [Matt Connew (23)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=mconnew@microsoft.com>)
- [hongdai (16)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=hongdai@microsoft.com>)
- [Eric St. John (14)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=ericstj@microsoft.com>)
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- [Jason Pang
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- [Eric Mellino (2)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=erme@microsoft.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)

CLI

- * [Livar Cunha (57)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)
- * [Mike Lorbeteske (39)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)
- * [Nick Guerrero (29)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com>)
- * [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>)
- * [Vijay Ramakrishnan (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.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>)
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* [hongdai (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)

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>)
- *
- [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=jonsequeira@gmail.com>)
- * [Jon Sequeira (51)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com>)
- * [Mike Lorbeteske (43)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@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>)
- *
- [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>)

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* [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>)

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* [Arun Mahapatra (5)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codito@users.noreply.github.com>)

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- * [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)
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- * [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)
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- * [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
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- * [Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)
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- [William Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com>)
- * [Alex Barney
- (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com>)
- * [eerhardt (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- * [faahmad (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-RTW3>)
- * [foresterre (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com>)
- * [Adeel (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com>)
- * [mlorbetske (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)
- * [v-mdriml (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-mdriml@microsoft.com>)

CoreCLR

- * [Jonghyun Park (227)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
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- [Jan Kotas (157)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
- * [danmosemsft (139)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)
- * [Pat Gavlin (130)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
- * [Bruce Forstall (80)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com>)
- * [Andy Ayers (74)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)
- * [Stephen Toub (74)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)

* [wtgodbe (60)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wtgodbe@microsoft.com>)

* [Joseph Tremoulet (55)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)

* [Mike Danes (55)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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* [Koundinya Veluri (35)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)

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- * [Wes Haggard (113)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
- * [Hugh Bellamy (102)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)
- * [Bart De Smet (99)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com>)
- * [Lakshmi Priya Sekar (97)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)
- * [James Ko (94)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jamesqko@gmail.com>)

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 * [Santiago Fernandez Madero
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 * [Dan Moseley (73)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
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 * [Krzysztof Wicher (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@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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 * [Hanjoung Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)
 * [Rion Williams (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rionmonster@gmail.com>)
 * [Alex Ghiondea
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 * [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gs Vick@gmail.com>)
 * [Michael Simons (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com>)
 * [wtgodbe (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com>)
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 * [Ben Adams (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)
 * [Vance Morrison (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com>)
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 * [Marek Linka (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com>)
 * [Eric StJohn (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
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 * [Brahmnes Fung (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com>)
 * [Jan Vorlicek (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com>)
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 * [vsadov (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
 * [Jonghyun Park (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com>)
 * [Peter Marcu (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)
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 * [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)
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 * [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)
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* [Qi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@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>)
- * [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>)
- * [TautvydasZilys (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.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) (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>)
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- * [smile21prc (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)
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WCF

- * [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=mmitch@microsoft.com>)
- * [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
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- * [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@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>)
- * [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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* [William Lee (33)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com>)

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

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

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* [cod7alex (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=cod7alex@gmail.com>)

* [dajeffri (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dajeffri@yahoo.com>)

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

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

* [Alex (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=cod7alex@gmail.com>)

* [Alexander Soldatov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=soldatov.a@samsung.com>)

* [drawaes (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com>)

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

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

* [k0st1x (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=k0st1x@ya.ru>)

* [Alexander Kplinger (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=alex.koeplinger@outlook.com>)

* [Kassem Sandarusi (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kassemsandarusi@gmail.com>)

* [Kasper Fabch Brandt (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=poizan@poizan.dk>)

* [Juan Sebastian Hoyos Ayala (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juan.s.hoyos@outlook.com>)

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

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* [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>)

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