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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."),
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  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
seander@cs.stanford.edu

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

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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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<summary>Indicates that the user has permission to use the feature, and that the feature is still in the "limited
access" state.</summary>
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<member name="M:Windows.ApplicationModel.UserActivities.UserActivityAttribution.#ctor">
<summary>Create a **UserActivityAttribution** object.</summary>
<member
name="M:Windows.ApplicationModel.UserActivities.UserActivityAttribution.#ctor(Windows.Foundation.Uri)">
<summary>Create a **UserActivityAttribution** object with the specified icon image URI.</summary>
<param name="iconUri">The Uniform Resource Identifier (URI) of the icon image to use with this
**UserActivityAttribution**.</param>
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name="P:Windows.ApplicationModel.UserActivities.UserActivityAttribution.AlternateText">
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<member name="P:Windows.ApplicationModel.UserActivities.UserActivityVisualElements.Attribution">
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name="P:Windows.ApplicationModel.UserActivities.UserActivityVisualElements.AttributionDisplayText">
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<returns>**true** if permission is granted. Otherwise, **false**.</returns>
<member name="P:Windows.Services.Maps.MapService.DataAttributions">
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/microsoft-windows-sdk-net-ref-10-0-22621-31-zip/lib/net6.0/Microsoft.Windows.SDK.NET.dll: binary file matches

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Found in path(s):

* /bin/grep

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

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

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

Any executables

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1.19 moq 4.13.1

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1.20 fluxor 5.9.0

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1.22 tdoauth 1.6.2

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1.24 microsoft-identitymodel-tokens 6.29.0

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1.25 cuckoo 1.10.3

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1.30 system.diagnostics.eventlog 7.0.0

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A big *Thank You* to all who contributed!

Duplicate names are the result of folks making commits under multiple email addresses.

- [CoreCLR](#coreclr)
- [CoreFX](#corefx)
- [Core Tools](#coretools)
- [Core Docs](#coredocs)

- [WCF](#wcf)

CoreCLR

* [Jan Kotas (300)](<https://github.com/dotnet/coreclr/commits/master?author=jkotas@microsoft.com>)
* [Jan Vorlicek (179)](<https://github.com/dotnet/coreclr/commits/master?author=janvorli@microsoft.com>)
* [Aditya Mandaleeka (152)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@microsoft.com>)
* [Mike McLaughlin (143)](<https://github.com/dotnet/coreclr/commits/master?author=mikem@microsoft.com>)
* [Andy Ayers (119)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)
* [Pat Gavlin (117)](<https://github.com/dotnet/coreclr/commits/master?author=pagavlin@microsoft.com>)
* [Kyungwoo Lee (111)](<https://github.com/dotnet/coreclr/commits/master?author=kyulee@microsoft.com>)
*
[Matt Ellis (104)](<https://github.com/dotnet/coreclr/commits/master?author=matell@microsoft.com>)
* [Stephen Toub (104)](<https://github.com/dotnet/coreclr/commits/master?author=stoub@microsoft.com>)
* [Matt Mitchell (97)](<https://github.com/dotnet/coreclr/commits/master?author=mmitch@microsoft.com>)
* [Kamil Rytarowski (75)](<https://github.com/dotnet/coreclr/commits/master?author=n54@gmx.com>)
* [Bruce Forstall (74)](<https://github.com/dotnet/coreclr/commits/master?author=brucefo@microsoft.com>)
* [Brian Sullivan (66)](<https://github.com/dotnet/coreclr/commits/master?author=briansul@microsoft.com>)
* [Geoff Norton (62)](<https://github.com/dotnet/coreclr/commits/master?author=grompf@gmail.com>)
* [Gaurav Khanna (56)](<https://github.com/dotnet/coreclr/commits/master?author=gkhanna@microsoft.com>)
* [Richard Lander (56)](<https://github.com/dotnet/coreclr/commits/master?author=rlander@microsoft.com>)
* [John Chen (54)](<https://github.com/dotnet/coreclr/commits/master?author=jochen@microsoft.com>)
*
[Rama Krishnan Raghupathy (52)](<https://github.com/dotnet/coreclr/commits/master?author=ramarag@microsoft.com>)
* [Rahul Kumar (49)](<https://github.com/dotnet/coreclr/commits/master?author=rahku@microsoft.com>)
* [Lubomir Litchev (46)](<https://github.com/dotnet/coreclr/commits/master?author=lubol@microsoft.com>)
* [Koundinya Veluri (43)](<https://github.com/dotnet/coreclr/commits/master?author=kouvel@microsoft.com>)
* [Russ Keldorph (43)](<https://github.com/dotnet/coreclr/commits/master?author=Russ.Keldorph@microsoft.com>)
* [William Godbe (42)](<https://github.com/dotnet/coreclr/commits/master?author=william.godbe@comcast.net>)
* [Alex Ghiondea (39)](<https://github.com/dotnet/coreclr/commits/master?author=ghiondea.alexandru@microsoft.com>)
* [wtgodbe (38)](<https://github.com/dotnet/coreclr/commits/master?author=wigodbe@microsoft.com>)
* [Mike Danes (36)](<https://github.com/dotnet/coreclr/commits/master?author=onemihaid@hotmail.com>)
* [Sejong Oh (36)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@microsoft.com>)
*
[Carol Eidt (34)](<https://github.com/dotnet/coreclr/commits/master?author=carol.eidt@microsoft.com>)
* [Ben Pye (33)](<https://github.com/dotnet/coreclr/commits/master?author=ben@curlybracket.co.uk>)
* [Eugene Zemtsov (33)](<https://github.com/dotnet/coreclr/commits/master?author=Eugene.Zemtsov@microsoft.com>)
* [Sean Gillespie (32)](<https://github.com/dotnet/coreclr/commits/master?author=segilles@microsoft.com>)
* [Brian Robbins (27)](<https://github.com/dotnet/coreclr/commits/master?author=brianrob@microsoft.com>)
* [James Ko (27)](<https://github.com/dotnet/coreclr/commits/master?author=jamesqko@gmail.com>)
* [Lakshmi Priya Sekar (27)](<https://github.com/dotnet/coreclr/commits/master?author=lasekar@microsoft.com>)
* [sivarv (27)](<https://github.com/dotnet/coreclr/commits/master?author=sivarv@microsoft.com>)
* [Davis Goodin (26)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@microsoft.com>)
* [jashook (26)](<https://github.com/dotnet/coreclr/commits/master?author=jashoo@microsoft.com>)
*

[Jostein Kjnigsen (26)](<https://github.com/dotnet/coreclr/commits/master?author=jostein@kjonigsen.net>)

* [Bengu Li (22)](<https://github.com/dotnet/coreclr/commits/master?author=beli@microsoft.com>)

* [Eugene Rozenfeld (22)](<https://github.com/dotnet/coreclr/commits/master?author=erozen@microsoft.com>)

* [Geunsik Lim (22)](<https://github.com/dotnet/coreclr/commits/master?author=geunsik.lim@samsung.com>)

* [Sergiy Kuryata (22)](<https://github.com/dotnet/coreclr/commits/master?author=sergeyk@microsoft.com>)

* [MyungJoo Ham (21)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@samsung.com>)

* [Jonghyun Park (20)](<https://github.com/dotnet/coreclr/commits/master?author=parjong@gmail.com>)

* [Manu (20)](<https://github.com/dotnet/coreclr/commits/master?author=manu-silicon@users.noreply.github.com>)

* [Fadi Hanna (18)](<https://github.com/dotnet/coreclr/commits/master?author=fadim@microsoft.com>)

* [Tijoy Tom Kalathiparambil (18)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytk@microsoft.com>)

*

[Yi Zhang (CLR) (18)](<https://github.com/dotnet/coreclr/commits/master?author=yzha@microsoft.com>)

* [Alexander Kplinger (17)](<https://github.com/dotnet/coreclr/commits/master?author=alex.koeplinger@outlook.com>)

* [Justin Van Patten (17)](<https://github.com/dotnet/coreclr/commits/master?author=jvp@justinvp.com>)

* [Maoni0 (17)](<https://github.com/dotnet/coreclr/commits/master?author=maonis@microsoft.com>)

* [Steve Harter (17)](<https://github.com/dotnet/coreclr/commits/master?author=sharter@microsoft.com>)

* [Eric Erhardt (16)](<https://github.com/dotnet/coreclr/commits/master?author=eric.erhardt@microsoft.com>)

* [Peter Jas (15)](<https://github.com/dotnet/coreclr/commits/master?author=necmon@yahoo.com>)

* [Chris McKinsey (14)](<https://github.com/dotnet/coreclr/commits/master?author=chrismck@microsoft.com>)

* [Jose Perez Rodriguez (14)](<https://github.com/dotnet/coreclr/commits/master?author=joperezr@microsoft.com>)

* [Richard L Ford (14)](<https://github.com/dotnet/coreclr/commits/master?author=richford@microsoft.com>)

* [Dmitry-Me (13)](<https://github.com/dotnet/coreclr/commits/master?author=wipedout@yandex.ru>)

* [Eric Erhardt (13)](<https://github.com/dotnet/coreclr/commits/master?author=eerhardt@microsoft.com>)

* [David Mason (12)](<https://github.com/dotnet/coreclr/commits/master?author=davmason@microsoft.com>)

* [Hongtao Yu (12)](<https://github.com/dotnet/coreclr/commits/master?author=Hongtao.Yu@microsoft.com>)

* [Prajwal A N (12)](<https://github.com/dotnet/coreclr/commits/master?author=an.prajwal@samsung.com>)

* [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/coreclr/commits/master?author=bbowyersmyth@live.com.au>)

* [Eugene Zemtsov (10)](<https://github.com/dotnet/coreclr/commits/master?author=e.zemtsov@gmail.com>)

* [Gaurav Khanna (CLR) (10)](<https://github.com/dotnet/coreclr/commits/master?author=gaurav.khanna@microsoft.com>)

* [Pallavi Taneja (10)](<https://github.com/dotnet/coreclr/commits/master?author=pallavit@microsoft.com>)

*

[Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/master?author=sjlee@mail.com>)

* [Tarek Mahmoud Sayed (10)](<https://github.com/dotnet/coreclr/commits/master?author=tarekms@microsoft.com>)

* [Kasper F. Brandt (9)](<https://github.com/dotnet/coreclr/commits/master?author=poizan@poizan.dk>)

* [Michelle McDaniel (9)](<https://github.com/dotnet/coreclr/commits/master?author=adiaaaida@gmail.com>)

* [Geunsik Lim (8)](<https://github.com/dotnet/coreclr/commits/master?author=leemgs@users.noreply.github.com>)

* [Hongtao Yu (8)](<https://github.com/dotnet/coreclr/commits/master?author=hoy@microsoft.com>)

* [Jeremy Kuhne (8)](<https://github.com/dotnet/coreclr/commits/master?author=jeremy.kuhne@microsoft.com>)

* [John Bottenberg (8)](<https://github.com/dotnet/coreclr/commits/master?author=jobotten@microsoft.com>)

* [Lubomir Litchev (8)](<https://github.com/dotnet/coreclr/commits/master?author=llitchev@live.com>)

* [Sridhar Periyasamy (8)](<https://github.com/dotnet/coreclr/commits/master?author=sridhper@microsoft.com>)

*

[Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/master?author=swaroops@microsoft.com>)

- * [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/master?author=vancem@microsoft.com>)
- * [Wes Haggard (8)](<https://github.com/dotnet/coreclr/commits/master?author=Wes.Haggard@microsoft.com>)
- * [Deepak Shankargouda (7)](<https://github.com/dotnet/coreclr/commits/master?author=deshank@microsoft.com>)
- * [Dick van den Brink (7)](https://github.com/dotnet/coreclr/commits/master?author=d_vandenbrink@outlook.com)
- * [Geoff Norton (7)](<https://github.com/dotnet/coreclr/commits/master?author=kangaroo@clr.ninja>)
- * [Hugh Bellamy (7)](<https://github.com/dotnet/coreclr/commits/master?author=hughbellars@gmail.com>)
- * [Jan Henke (7)](<https://github.com/dotnet/coreclr/commits/master?author=Jan.Henke@tau.jhe.de>)
- * [Joel Hendrix (7)](<https://github.com/dotnet/coreclr/commits/master?author=jhendrix@microsoft.com>)
- * [Matt Mitchell (7)](<https://github.com/dotnet/coreclr/commits/master?author=matchell@outlook.com>)
- *

[Mert (7)](<https://github.com/dotnet/coreclr/commits/master?author=mert@meltabi.com>)

- * [MyungJoo Ham (7)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@gmail.com>)
- * [Nick Guerrero (7)](<https://github.com/dotnet/coreclr/commits/master?author=nicholg@microsoft.com>)
- * [Swaroop Sridhar (7)](<https://github.com/dotnet/coreclr/commits/master?author=Swaroop.Sridhar@microsoft.com>)
- * [Xy Ziemba (7)](<https://github.com/dotnet/coreclr/commits/master?author=xyziemba@microsoft.com>)
- * [Bryan Arant (6)](<https://github.com/dotnet/coreclr/commits/master?author=bryanar@microsoft.com>)
- * [Jeroen Janssen (6)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen.janssen@gmail.com>)
- * [Kshama Pawar (6)](<https://github.com/dotnet/coreclr/commits/master?author=kspawa@microsoft.com>)
- * [Nate Amundson (6)](<https://github.com/dotnet/coreclr/commits/master?author=naamunds@microsoft.com>)
- * [Sedar Gokbulut (6)](<https://github.com/dotnet/coreclr/commits/master?author=sedarg@microsoft.com>)
- *

[Aditya Mandaleeka (5)](<https://github.com/dotnet/coreclr/commits/master?author=adityamandaleeka@users.noreply.github.com>)

- * [Andrey Akinshin (5)](<https://github.com/dotnet/coreclr/commits/master?author=andrey.akinshin@gmail.com>)
- * [chunseoklee (5)](<https://github.com/dotnet/coreclr/commits/master?author=chunseoklee@naver.com>)
- * [Jonathan Taylor (5)](<https://github.com/dotnet/coreclr/commits/master?author=taylorjonl@gmail.com>)
- * [Juergen Hoetzel (5)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@archlinux.org>)
- * [Maks Naumov (5)](<https://github.com/dotnet/coreclr/commits/master?author=maksqwe1@ukr.net>)
- * [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/master?author=gsvick@gmail.com>)
- * [Rich Lander (5)](<https://github.com/dotnet/coreclr/commits/master?author=rich@lander.ca>)
- * [Senthil (5)](<https://github.com/dotnet/coreclr/commits/master?author=schellap@microsoft.com>)
- * [Andrey Kvachko (4)](<https://github.com/dotnet/coreclr/commits/master?author=a.kvachko@samsung.com>)
- * [Ben Boeckel (4)](<https://github.com/dotnet/coreclr/commits/master?author=mathstuf@gmail.com>)
- * [Ben Pye (4)](<https://github.com/dotnet/coreclr/commits/master?author=ben@debian>)
- * [Cagri (4)](<https://github.com/dotnet/coreclr/commits/master?author=caslan@microsoft.com>)
- * [Eric Eilebrecht (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@hotmail.com>)
- * [Eric St. John (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericstj@microsoft.com>)
- * [Evgeny Pavlov (4)](<https://github.com/dotnet/coreclr/commits/master?author=lucenticus@gmail.com>)
- * [Hanjoung Lee (4)](<https://github.com/dotnet/coreclr/commits/master?author=hanjoung.lee@samsung.com>)
- * [Jeremy Barton (4)](<https://github.com/dotnet/coreclr/commits/master?author=jbarton@microsoft.com>)
- * [Jonathan Miller (4)](<https://github.com/dotnet/coreclr/commits/master?author=jonmill@microsoft.com>)
- * [Lee Culver (4)](<https://github.com/dotnet/coreclr/commits/master?author=leculver@microsoft.com>)
- *

[Natalia Glagoleva (4)](<https://github.com/dotnet/coreclr/commits/master?author=natgla@microsoft.com>)

- * [Ryan Byington (4)](<https://github.com/dotnet/coreclr/commits/master?author=ryanbyi@microsoft.com>)

* [SaeHie Park (4)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@samsung.com>)

* [Steven Das (4)](<https://github.com/dotnet/coreclr/commits/master?author=DasAllFolks@users.noreply.github.com>)

* [Tony Narlock (4)](<https://github.com/dotnet/coreclr/commits/master?author=tony@git-pull.com>)

* [Zlatko Knezevic (4)](<https://github.com/dotnet/coreclr/commits/master?author=zlakne@microsoft.com>)

* [Alexandru Ghiondea (3)](<https://github.com/dotnet/coreclr/commits/master?author=alexghi@microsoft.com>)

* [Anders Jensen-Waud (3)](<https://github.com/dotnet/coreclr/commits/master?author=anders@jensenwald.com>)

* [Ben Adams (3)](<https://github.com/dotnet/coreclr/commits/master?author=thundercat@illyriad.co.uk>)

* [Chuck Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=chuckm@microsoft.com>)

* [David Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitchell@logos.com>)

* [Dmitri-Botcharnikov (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitry.b@samsung.com>)

* [Dongyun Jin (3)](<https://github.com/dotnet/coreclr/commits/master?author=dongyun.jin@samsung.com>)

* [Ganesh Ranganathan (3)](<https://github.com/dotnet/coreclr/commits/master?author=ganesh.ranganathan.85@gmail.com>)

* [Gerald Scott Freeman (3)](<https://github.com/dotnet/coreclr/commits/master?author=gsfreema@gmail.com>)

* [Gregg Miskelly (3)](<https://github.com/dotnet/coreclr/commits/master?author=greggm@microsoft.com>)

* [Hadi Brais (3)](<https://github.com/dotnet/coreclr/commits/master?author=hadi.b@live.com>)

* [Ivan Baravy (3)](<https://github.com/dotnet/coreclr/commits/master?author=i.baravy@samsung.com>)

* [Jarret Shook (3)](https://github.com/dotnet/coreclr/commits/master?author=jarret_shook@outlook.com)

*

[Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/master?author=t2wish@gmail.com>)

* [Jon Hanna (3)](<https://github.com/dotnet/coreclr/commits/master?author=jon@hackcraft.net>)

* [Kevin Jones (3)](<https://github.com/dotnet/coreclr/commits/master?author=kevin@vcsjones.com>)

* [Lee Coward (3)](<https://github.com/dotnet/coreclr/commits/master?author=leecow@microsoft.com>)

* [Lubomir Litchev (3)](<https://github.com/dotnet/coreclr/commits/master?author=LLITCHEV@users.noreply.github.com>)

* [Matthew Parkinson (3)](<https://github.com/dotnet/coreclr/commits/master?author=mattpark@microsoft.com>)

* [Michal Strehovsk (3)](<https://github.com/dotnet/coreclr/commits/master?author=michals@microsoft.com>)

* [Michelle McDaniel (3)](<https://github.com/dotnet/coreclr/commits/master?author=michelm@microsoft.com>)

* [Mukul Sabharwal (3)](<https://github.com/dotnet/coreclr/commits/master?author=mjsabby@gmail.com>)

* [SaeHie Park (3)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@gmail.com>)

*

[Sergey Andreenko (3)](<https://github.com/dotnet/coreclr/commits/master?author=AC-93@MAIL.RU>)

* [Tanner Gooding (3)](<https://github.com/dotnet/coreclr/commits/master?author=tannergooding@users.noreply.github.com>)

* [tijoytom (3)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom@gmail.com>)

* [Zhicheng Zhu (3)](<https://github.com/dotnet/coreclr/commits/master?author=zhizhu@microsoft.com>)

* [Aaron Havens (2)](<https://github.com/dotnet/coreclr/commits/master?author=arnmac@users.noreply.github.com>)

* [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=alex.ghiondea@gmail.com>)

* [Alexandr Nikitin (2)](<https://github.com/dotnet/coreclr/commits/master?author=nikitin.alexandr.a@gmail.com>)

* [AlexGhiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=AlexGhiondea@users.noreply.github.com>)

* [Andrew Schwartzmeyer (2)](<https://github.com/dotnet/coreclr/commits/master?author=andschwa@microsoft.com>)

* [Austin Wise (2)](<https://github.com/dotnet/coreclr/commits/master?author=AustinWise@gmail.com>)

* [Ben Monroe (2)](<https://github.com/dotnet/coreclr/commits/master?author=bendon@gmail.com>)

- * [Chase Miller (2)](<https://github.com/dotnet/coreclr/commits/master?author=chase@bawxen.net>)
- * [Eric Eilebrecht (2)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@microsoft.com>)
- * [George Sapkin (2)](<https://github.com/dotnet/coreclr/commits/master?author=george.sapkin@gmail.com>)
- * [gitchomik (2)](<https://github.com/dotnet/coreclr/commits/master?author=gitchomik@users.noreply.github.com>)
- * [Jeff Foster (2)](<https://github.com/dotnet/coreclr/commits/master?author=jeff.foster@acm.org>)
- * [Joseph Tremoulet (2)](<https://github.com/dotnet/coreclr/commits/master?author=jotrem@microsoft.com>)
- * [Knagis (2)](<https://github.com/dotnet/coreclr/commits/master?author=Knagis@users.noreply.github.com>)
- * [Lucas Meijer (2)](<https://github.com/dotnet/coreclr/commits/master?author=lucas@unity3d.com>)
- * [Marqin
(2)](<https://github.com/dotnet/coreclr/commits/master?author=marqin.pl+git@gmail.com>)
- * [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/master?author=matt.warren@live.co.uk>)
- * [Mikhail Pilin (2)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail@pilin.name>)
- * [Mort Yao (2)](<https://github.com/dotnet/coreclr/commits/master?author=mort.yao@gmail.com>)
- * [noahfalk (2)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@users.noreply.github.com>)
- * [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/master?author=v.nikolaev@samsung.com>)
- * [Prem Ramanathan (2)](<https://github.com/dotnet/coreclr/commits/master?author=premram@microsoft.com>)
- * [Ravi Eda (2)](<https://github.com/dotnet/coreclr/commits/master?author=raeda@microsoft.com>)
- * [Sean Gillespie (2)](<https://github.com/dotnet/coreclr/commits/master?author=sean.william.g@gmail.com>)
- * [Sejong Oh (2)](<https://github.com/dotnet/coreclr/commits/master?author=sejong.oh.25911@outlook.com>)
- * [sergey-raevskiy
(2)](<https://github.com/dotnet/coreclr/commits/master?author=ccik@inbox.ru>)
- * [shahid-pk (2)](<https://github.com/dotnet/coreclr/commits/master?author=shahid.mrd@hotmail.com>)
- * [shion (2)](<https://github.com/dotnet/coreclr/commits/master?author=tishion@users.noreply.github.com>)
- * [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/master?author=clockwork-muse@outlook.com>)
- * [Vance Morrison (2)](<https://github.com/dotnet/coreclr/commits/master?author=vancemorrison@comcast.net>)
- * [Aaron Bieber (1)](<https://github.com/dotnet/coreclr/commits/master?author=aaron@bolddaemon.com>)
- * [Aditya Mahajan (1)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@umich.edu>)
- * [Alexander Speshilov (1)](<https://github.com/dotnet/coreclr/commits/master?author=speshuric@gmail.com>)
- * [Alexander Vostres (1)](<https://github.com/dotnet/coreclr/commits/master?author=alexx999@gmail.com>)
- * [Alfredo Menendez Sancho
(1)](<https://github.com/dotnet/coreclr/commits/master?author=alfremen@microsoft.com>)
- *
- [Anders Wenhaug (1)](<https://github.com/dotnet/coreclr/commits/master?author=anders@wenhaug.no>)
- * [Andreas Strid (1)](https://github.com/dotnet/coreclr/commits/master?author=andreas_strid@bredband.net)
- * [Andrew Au (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewau@microsoft.com>)
- * [Andrew Karpov (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewcarpov@gmail.com>)
- * [Andrew Stanton-Nurse (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrew@andrewnurse.net>)
- * [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)
- * [Arkady Shapkin (1)](https://github.com/dotnet/coreclr/commits/master?author=arkadiy_s@inbox.ru)
- * [Aurojit Panda (1)](<https://github.com/dotnet/coreclr/commits/master?author=apanda@cs.berkeley.edu>)
- * [Ben Gribaudo (1)](<https://github.com/dotnet/coreclr/commits/master?author=me@bengribaudo.com>)
- * [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bendono@users.noreply.github.com>)
- *
- [Benjamin Hodgson
(1)](<https://github.com/dotnet/coreclr/commits/master?author=benjamin.hodgson@huddle.com>)
- * [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=brobinson@toptensoftware.com>)
- * [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=contact@toptensoftware.com>)

- * [Brandon Bloom (1)](<https://github.com/dotnet/coreclr/commits/master?author=brandon@evidence.com>)
- * [Cagri Aslan (1)](<https://github.com/dotnet/coreclr/commits/master?author=cagriaslan@Andrews-Mac-mini.local>)
- * [Carol Eidt (1)](<https://github.com/dotnet/coreclr/commits/master?author=caroleidt@outlook.com>)
- * [Cheryl Simmons (1)](<https://github.com/dotnet/coreclr/commits/master?author=cherylws@live.com>)
- * [Christian Jacobsen (1)](<https://github.com/dotnet/coreclr/commits/master?author=chribben@gmail.com>)
- * [Christopher Currens (1)](<https://github.com/dotnet/coreclr/commits/master?author=ccurrens@microsoft.com>)
- * [christos-P (1)](<https://github.com/dotnet/coreclr/commits/master?author=cpaisios@gmail.com>)
- *
- [Chuck Ries (1)](<https://github.com/dotnet/coreclr/commits/master?author=chuckr@microsoft.com>)
- * [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/master?author=dharvey@microsoft.com>)
- * [Daniel Qiu (1)](<https://github.com/dotnet/coreclr/commits/master?author=qs1328@gmail.com>)
- * [David Kean (1)](<https://github.com/dotnet/coreclr/commits/master?author=davkean@microsoft.com>)
- * [David Wrighton (1)](<https://github.com/dotnet/coreclr/commits/master?author=davidwr@microsoft.com>)
- * [Davis Goodin (1)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@users.noreply.github.com>)
- * [DionYe (1)](<https://github.com/dotnet/coreclr/commits/master?author=junye@microsoft.com>)
- * [dobe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bernddom@gmail.com>)
- * [Drew DeVault (1)](<https://github.com/dotnet/coreclr/commits/master?author=sir@cmpwn.com>)
- * [Drew Scoggins (1)](<https://github.com/dotnet/coreclr/commits/master?author=anscoggi@microsoft.com>)
- *
- [Eddie Hedges (1)](<https://github.com/dotnet/coreclr/commits/master?author=eddiehedges@gmail.com>)
- * [Evgeny Mandrikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=mandrikov@gmail.com>)
- * [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/master?author=felipepessoto@hotmail.com>)
- * [Gary Coulbourne (1)](<https://github.com/dotnet/coreclr/commits/master?author=bear@bears.org>)
- * [geoffkizer (1)](<https://github.com/dotnet/coreclr/commits/master?author=geoffrek>)
- * [Geoffrey Huntley (1)](<https://github.com/dotnet/coreclr/commits/master?author=ghuntley@ghuntley.com>)
- * [Hanjoung Lee (1)](<https://github.com/dotnet/coreclr/commits/master?author=waterets@gmail.com>)
- * [Henry Baba-Weiss (1)](<https://github.com/dotnet/coreclr/commits/master?author=htw@cs.washington.edu>)
- * [Immo Landwerth (1)](<https://github.com/dotnet/coreclr/commits/master?author=immo@landwerth.net>)
- * [Jack Pappas (1)](<https://github.com/dotnet/coreclr/commits/master?author=jack-pappas@users.noreply.github.com>)
- *
- [James Ko (1)](<https://github.com/dotnet/coreclr/commits/master?author=kojames8111@gmail.com>)
- * [James Singleton (1)](<https://github.com/dotnet/coreclr/commits/master?author=jpsingleton@users.noreply.github.com>)
- * [Jan Henke (1)](<https://github.com/dotnet/coreclr/commits/master?author=janhenke@users.noreply.github.com>)
- * [Jared Parsons (1)](<https://github.com/dotnet/coreclr/commits/master?author=jaredpar@microsoft.com>)
- * [Jason Young (1)](<https://github.com/dotnet/coreclr/commits/master?author=jason@ytechie.com>)
- * [Jason Zhekov (1)](<https://github.com/dotnet/coreclr/commits/master?author=jassonpet@gmail.com>)
- * [Jrmie Galarneau (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeremie.galarneau@gmail.com>)
- * [Jeroen Frijters (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen@frijters.net>)
- * [Jonathon Rossi (1)](<https://github.com/dotnet/coreclr/commits/master?author=jono@jonorossi.com>)
- * [Jonghyun Park (1)](<https://github.com/dotnet/coreclr/commits/master?author=jh1302.park@samsung.com>)
- * [Josh Varty (1)](<https://github.com/dotnet/coreclr/commits/master?author=JoshVarty@users.noreply.github.com>)
- * [Jude Melancon (1)](<https://github.com/dotnet/coreclr/commits/master?author=judemelancon@users.noreply.github.com>)
- * [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@hoetzel.info>)
- * [Justin Cormack (1)](<https://github.com/dotnet/coreclr/commits/master?author=justin@specialbuservice.com>)

* [Kamil Rytarowski
(1)](<https://github.com/dotnet/coreclr/commits/master?author=krytarowski@users.noreply.github.com>)

* [Kevin Mullins (1)](<https://github.com/dotnet/coreclr/commits/master?author=kmullins@gmail.com>)

* [kingces95 (1)](<https://github.com/dotnet/coreclr/commits/master?author=kingces95@users.noreply.github.com>)

* [krk (1)](<https://github.com/dotnet/coreclr/commits/master?author=keremkat@gmail.com>)

* [Krzysztof Cwalina (1)](<https://github.com/dotnet/coreclr/commits/master?author=kcwalina@microsoft.com>)

*

[Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=kurt+github@aadnoy.info>)

* [Lioncash (1)](<https://github.com/dotnet/coreclr/commits/master?author=mathew1800@gmail.com>)

* [Luca (1)](<https://github.com/dotnet/coreclr/commits/master?author=luca.duran@hotmail.com>)

* [Ludovic Henry (1)](<https://github.com/dotnet/coreclr/commits/master?author=ludovic@xamarin.com>)

* [Luqun Lou (1)](<https://github.com/dotnet/coreclr/commits/master?author=luqunl@microsoft.com>)

* [Marcel Gosselin (1)](<https://github.com/dotnet/coreclr/commits/master?author=marcel.gosselin@gmail.com>)

* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=ktos@ktos.info>)

* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=m@badurowicz.net>)

* [Mark Hurd (1)](<https://github.com/dotnet/coreclr/commits/master?author=markehurd@gmail.com>)

* [Marvin (1)](<https://github.com/dotnet/coreclr/commits/master?author=krixdev@gmail.com>)

*

[Matt (1)](<https://github.com/dotnet/coreclr/commits/master?author=mmartell@15J8NM1.mi.corp.rockfin.com>)

* [Matt Burke (1)](<https://github.com/dotnet/coreclr/commits/master?author=git@mattburkedev.com>)

* [Matt Johnson (1)](<https://github.com/dotnet/coreclr/commits/master?author=matt.johnson@microsoft.com>)

* [Matthew Whilden (1)](<https://github.com/dotnet/coreclr/commits/master?author=mwhilden@microsoft.com>)

* [Mikhail I. Krivtsov (1)](<https://github.com/dotnet/coreclr/commits/master?author=m.krivtsov@samsung.com>)

* [Mikhail Pilin (1)](<https://github.com/dotnet/coreclr/commits/master?author=ww898@users.noreply.github.com>)

* [Mili (Yi) Zhang (1)](<https://github.com/dotnet/coreclr/commits/master?author=milizhang@gmail.com>)

* [Mirth Hickford (1)](<https://github.com/dotnet/coreclr/commits/master?author=mirth.hickford@gmail.com>)

* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail.krivtsov@gmail.com>)

* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mkborg@users.noreply.github.com>)

*

[mogemimi (1)](<https://github.com/dotnet/coreclr/commits/master?author=mogemimi@enginetrrouble.net>)

* [Nico Weber (1)](<https://github.com/dotnet/coreclr/commits/master?author=nicolasweber@gmx.de>)

* [Nicolas Deslandes (1)](<https://github.com/dotnet/coreclr/commits/master?author=ndeslandes@live.fr>)

* [njy (1)](<https://github.com/dotnet/coreclr/commits/master?author=indastria@gmail.com>)

* [Noah Falk (1)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@microsoft.com>)

* [Pascal Borrelli (1)](<https://github.com/dotnet/coreclr/commits/master?author=pascal@borrelli.com>)

* [Pat Gavlin (1)](<https://github.com/dotnet/coreclr/commits/master?author=pgavlin@gmail.com>)

* [Patrick Lambert (1)](<https://github.com/dotnet/coreclr/commits/master?author=dendory@live.ca>)

* [paulnice (1)](<https://github.com/dotnet/coreclr/commits/master?author=ru.pchel@gmail.com>)

* [Pavel Pochobut (1)](<https://github.com/dotnet/coreclr/commits/master?author=pavel.pochobut@gmail.com>)

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[Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/master?author=pefoley2@pefoley.com>)

* [Peter Marcu (1)](<https://github.com/dotnet/coreclr/commits/master?author=Peter.Marcu@Microsoft.com>)

* [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/master?author=prajwal.an92@gmail.com>)

* [Rajkumar Janakiraman
(1)](<https://github.com/dotnet/coreclr/commits/master?author=janakiraman.rajkumar@gmail.com>)

* [rhadley (1)](<https://github.com/dotnet/coreclr/commits/master?author=rhadley@microsoft.com>)

* [Roman Pavlov
(1)](<https://github.com/dotnet/coreclr/commits/master?author=romansp@users.noreply.github.com>)

- * [Ron Cain (1)](<https://github.com/dotnet/coreclr/commits/master?author=roncain@microsoft.com>)
- * [Rony Batista (1)](<https://github.com/dotnet/coreclr/commits/master?author=rony.batista29@gmail.com>)
- * [Rumesh Eranga (1)](<https://github.com/dotnet/coreclr/commits/master?author=rehrumesh@users.noreply.github.com>)
- * [Sasha Semennikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=alsemenn@microsoft.com>)
- *
- [sbomer (1)](<https://github.com/dotnet/coreclr/commits/master?author=sbomer@gmail.com>)
- * [Scott Harwell (1)](<https://github.com/dotnet/coreclr/commits/master?author=scott@harwell.me>)
- * [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@sejoohubuntu0.guest.corp.microsoft.com>)
- * [Sergei Vorobev (1)](<https://github.com/dotnet/coreclr/commits/master?author=xvorsx@gmail.com>)
- * [Spencer Stephens (1)](<https://github.com/dotnet/coreclr/commits/master?author=spencer.leo.stephens@gmail.com>)
- * [Stephen Cleary (1)](<https://github.com/dotnet/coreclr/commits/master?author=github.ourteddybear@xoxy.net>)
- * [Thomas Klausner (1)](<https://github.com/dotnet/coreclr/commits/master?author=tk@giga.or.at>)
- * [tijoytom (1)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom.com>)
- * [Tom Van Looy (1)](<https://github.com/dotnet/coreclr/commits/master?author=tom@ctors.net>)
- * [Val Menn (1)](<https://github.com/dotnet/coreclr/commits/master?author=vmenn@microsoft.com>)
- *
- [Valery (1)](<https://github.com/dotnet/coreclr/commits/master?author=m08pvv@ya.ru>)
- * [Viacheslav Ivanov (1)](<https://github.com/dotnet/coreclr/commits/master?author=viacheslav.ivanov@gmail.com>)
- * [vkairys (1)](<https://github.com/dotnet/coreclr/commits/master?author=kairys.vilius@gmail.com>)
- * [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/master?author=weshaggard@users.noreply.github.com>)
- * [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/master?author=xiangyang.guo@intel.com>)
- * [zhangkaizhao (1)](<https://github.com/dotnet/coreclr/commits/master?author=zhangkaizhao@gmail.com>)

CoreFX

- * [stephentoub (1298)](<https://github.com/dotnet/corefx/commits/master?author=stoub@microsoft.com>)
- * [Eric St. John (308)](<https://github.com/dotnet/corefx/commits/master?author=ericstj@microsoft.com>)
- * [Hugh Bellamy (291)](<https://github.com/dotnet/corefx/commits/master?author=hughbellars@gmail.com>)
- *
- [bartonjs (279)](<https://github.com/dotnet/corefx/commits/master?author=jbarton@microsoft.com>)
- * [Jon Hanna (242)](<https://github.com/dotnet/corefx/commits/master?author=jon@hackcraft.net>)
- * [Eric Mellino (188)](<https://github.com/dotnet/corefx/commits/master?author=erme@microsoft.com>)
- * [Justin Van Patten (186)](<https://github.com/dotnet/corefx/commits/master?author=jvp@justinvp.com>)
- * [Matt Ellis (178)](<https://github.com/dotnet/corefx/commits/master?author=matell@microsoft.com>)
- * [Nick Guerrero (166)](<https://github.com/dotnet/corefx/commits/master?author=nicholg@microsoft.com>)
- * [Ian Hays (156)](<https://github.com/dotnet/corefx/commits/master?author=ianha@microsoft.com>)
- * [Lakshmi Priya Sekar (150)](<https://github.com/dotnet/corefx/commits/master?author=lasekar@microsoft.com>)
- * [Wes Haggard (146)](<https://github.com/dotnet/corefx/commits/master?author=Wes.Haggard@microsoft.com>)
- * [David Shulman (127)](<https://github.com/dotnet/corefx/commits/master?author=david.shulman@microsoft.com>)
- *
- [Eric Erhardt (114)](<https://github.com/dotnet/corefx/commits/master?author=eric.erhardt@microsoft.com>)
- * [Eric Eilebrecht (104)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@hotmail.com>)
- * [Matt Mitchell (94)](<https://github.com/dotnet/corefx/commits/master?author=mmitch@microsoft.com>)

- * [Maxwe11 (91)](<https://github.com/dotnet/corefx/commits/master?author=turin.dmytro@gmail.com>)
- * [Matt Cohn (90)](<https://github.com/dotnet/corefx/commits/master?author=macohn@microsoft.com>)
- * [Pallavi Taneja (87)](<https://github.com/dotnet/corefx/commits/master?author=pallavit@microsoft.com>)
- * [Christopher Costa (81)](<https://github.com/dotnet/corefx/commits/master?author=chcosta@microsoft.com>)
- * [Alexander Kplinger (72)](<https://github.com/dotnet/corefx/commits/master?author=alex.koeplinger@outlook.com>)
- * [Bart De Smet (71)](<https://github.com/dotnet/corefx/commits/master?author=bartde@microsoft.com>)
- * [Tomas Matousek (69)](<https://github.com/dotnet/corefx/commits/master?author=tomas.matousek@microsoft.com>)
- *
- [Pat Gavlin (65)](<https://github.com/dotnet/corefx/commits/master?author=pgavlin@gmail.com>)
- * [Andrew Arnott (63)](<https://github.com/dotnet/corefx/commits/master?author=andarno@microsoft.com>)
- * [Khoa Dang (62)](<https://github.com/dotnet/corefx/commits/master?author=Khoa.Dang@microsoft.com>)
- * [Cory Rivera (61)](<https://github.com/dotnet/corefx/commits/master?author=corivera@microsoft.com>)
- * [Jonathan Miller (58)](<https://github.com/dotnet/corefx/commits/master?author=jonmill@microsoft.com>)
- * [Charles Lowell (57)](<https://github.com/dotnet/corefx/commits/master?author=chlowe@microsoft.com>)
- * [Atsushi Kanamori (56)](<https://github.com/dotnet/corefx/commits/master?author=atsushik@microsoft.com>)
- * [Saurabh Singh (51)](<https://github.com/dotnet/corefx/commits/master?author=saurabh500@gmail.com>)
- * [Stephen A. Imhoff (50)](<https://github.com/dotnet/corefx/commits/master?author=clockwork-muse@outlook.com>)
- * [Joel Hendrix (48)](<https://github.com/dotnet/corefx/commits/master?author=jhendrix@microsoft.com>)
- *
- [Krzysztof Wicher (47)](<https://github.com/dotnet/corefx/commits/master?author=kwicher@microsoft.com>)
- * [James Ko (45)](<https://github.com/dotnet/corefx/commits/master?author=jamesqko@gmail.com>)
- * [Krzysztof Cwalina (43)](<https://github.com/dotnet/corefx/commits/master?author=kcwalina@microsoft.com>)
- * [Khoa Dang (39)](<https://github.com/dotnet/corefx/commits/master?author=khdang@microsoft.com>)
- * [Jose Perez Rodriguez (37)](<https://github.com/dotnet/corefx/commits/master?author=joperezr@microsoft.com>)
- * [Tarek Mahmoud Sayed (37)](<https://github.com/dotnet/corefx/commits/master?author=tarekms@microsoft.com>)
- * [Peter Jas (35)](<https://github.com/dotnet/corefx/commits/master?author=necmon@yahoo.com>)
- * [Vance Morrison (35)](<https://github.com/dotnet/corefx/commits/master?author=vancem@microsoft.com>)
- * [Cristian Pop (34)](<https://github.com/dotnet/corefx/commits/master?author=Cristian.Pop@microsoft.com>)
- * [Taylor Southwick (34)](<https://github.com/dotnet/corefx/commits/master?author=tasou@microsoft.com>)
- *
- [Shmueli Englard (33)](<https://github.com/dotnet/corefx/commits/master?author=shmueli.yosef@englard.net>)
- * [Davis Goodin (31)](<https://github.com/dotnet/corefx/commits/master?author=dagood@microsoft.com>)
- * [Deepak Shankargouda (31)](<https://github.com/dotnet/corefx/commits/master?author=deshank@microsoft.com>)
- * [Jeremy Kuhne (30)](<https://github.com/dotnet/corefx/commits/master?author=jeremy.kuhne@microsoft.com>)
- * [vsadov (27)](<https://github.com/dotnet/corefx/commits/master?author=vsadov@microsoft.com>)
- * [Alex Ghiondea (26)](<https://github.com/dotnet/corefx/commits/master?author=ghiondea.alexandru@microsoft.com>)
- * [Hemanth Kapila (24)](<https://github.com/dotnet/corefx/commits/master?author=saihemanth@gmail.com>)
- * [Immo Landwerth (24)](<https://github.com/dotnet/corefx/commits/master?author=immol@microsoft.com>)
- * [Mariana Rios Flores (23)](<https://github.com/dotnet/corefx/commits/master?author=mariari@microsoft.com>)
- * [Shin Mao (20)](<https://github.com/dotnet/corefx/commits/master?author=shmao@microsoft.com>)
- * [Jan Kotas (19)](<https://github.com/dotnet/corefx/commits/master?author=jkotas@microsoft.com>)
- * [Kamil Rytarowski (19)](<https://github.com/dotnet/corefx/commits/master?author=n54@gmx.com>)
- * [Bruce Bowyer-Smyth

(18)](<https://github.com/dotnet/corefx/commits/master?author=bbowyersmyth@live.com.au>)

- * [Shruti Garg (18)](<https://github.com/dotnet/corefx/commits/master?author=shgarg@microsoft.com>)
- * [Steve Harter (18)](<https://github.com/dotnet/corefx/commits/master?author=sharter@microsoft.com>)
- * [Venkatraman Mahalingam (18)](<https://github.com/dotnet/corefx/commits/master?author=vemaha@microsoft.com>)
- * [Julien Couvreur (17)](<https://github.com/dotnet/corefx/commits/master?author=julien.couvreur@gmail.com>)
- * [Matt Johnson (17)](<https://github.com/dotnet/corefx/commits/master?author=matt.johnson@microsoft.com>)
- * [Rajan Singh (17)](<https://github.com/dotnet/corefx/commits/master?author=rajansin@microsoft.com>)
- *
- [Sam Harwell (17)](<https://github.com/dotnet/corefx/commits/master?author=sam@tunnelvisionlabs.com>)
- * [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@microsoft.com>)
- * [MarkPflug (16)](<https://github.com/dotnet/corefx/commits/master?author=mark.pflug@live.com>)
- * [Sridhar Periyasamy (15)](<https://github.com/dotnet/corefx/commits/master?author=sridhper@microsoft.com>)
- * [kkurni (14)](<https://github.com/dotnet/corefx/commits/master?author=kkurni@microsoft.com>)
- * [Jeremy Kuhne (13)](<https://github.com/dotnet/corefx/commits/master?author=jkuhne@microsoft.com>)
- * [Nate Slottow (13)](<https://github.com/dotnet/corefx/commits/master?author=naslotto@microsoft.com>)
- * [Pat Gavlin (13)](<https://github.com/dotnet/corefx/commits/master?author=pagavlin@microsoft.com>)
- * [Patrick McDonald (13)](<https://github.com/dotnet/corefx/commits/master?author=paddymcdonald@gmail.com>)
- * [Tom Matouek (13)](<https://github.com/dotnet/corefx/commits/master?author=tmat@users.noreply.github.com>)
- *
- [Vijay Kota (13)](<https://github.com/dotnet/corefx/commits/master?author=vijayko@microsoft.com>)
- * [Axel Heer (12)](<https://github.com/dotnet/corefx/commits/master?author=axel@heer.eu>)
- * [Eric Eilebrecht (12)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@users.noreply.github.com>)
- * [Jared Parsons (12)](<https://github.com/dotnet/corefx/commits/master?author=jaredpar@microsoft.com>)
- * [Lakshmi Priya (12)](<https://github.com/dotnet/corefx/commits/master?author=Priya91@users.noreply.github.com>)
- * [Alfredo Menendez Sancho (11)](<https://github.com/dotnet/corefx/commits/master?author=alfremen@microsoft.com>)
- * [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/corefx/commits/master?author=contact@wmf2wpf.com>)
- * [David Fowler (11)](<https://github.com/dotnet/corefx/commits/master?author=davidfowl@gmail.com>)
- * [James Ko (11)](<https://github.com/dotnet/corefx/commits/master?author=kojames8111@gmail.com>)
- * [Jan Henke (11)](<https://github.com/dotnet/corefx/commits/master?author=Jan.Henke@tau.jhe.de>)
- *
- [Koundinya Veluri (11)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@microsoft.com>)
- * [Matt Galbraith (11)](<https://github.com/dotnet/corefx/commits/master?author=MattGal@users.noreply.github.com>)
- * [Nate Amundson (11)](<https://github.com/dotnet/corefx/commits/master?author=naamunds@microsoft.com>)
- * [Peter Marcu (11)](<https://github.com/dotnet/corefx/commits/master?author=Peter.Marcu@Microsoft.com>)
- * [SGuy Ge (11)](<https://github.com/dotnet/corefx/commits/master?author=sguyge@microsoft.com>)
- * [Thomas Stringer (11)](<https://github.com/dotnet/corefx/commits/master?author=tr.stringer@outlook.com>)
- * [Vancem (11)](<https://github.com/dotnet/corefx/commits/master?author=VanceMorrison@comcast.net>)
- * [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/master?author=gkhanna@microsoft.com>)
- * [ikopylov (10)](<https://github.com/dotnet/corefx/commits/master?author=ikopylov@users.noreply.github.com>)
- * [Richard Lander (10)](<https://github.com/dotnet/corefx/commits/master?author=rlander@microsoft.com>)
- *
- [_aLfa_ (9)](<https://github.com/dotnet/corefx/commits/master?author=mail@joaodias.eu>)
- * [Dmitry-Me (9)](<https://github.com/dotnet/corefx/commits/master?author=wipedout@yandex.ru>)
- * [Guillermo Rangel (9)](<https://github.com/dotnet/corefx/commits/master?author=josra@microsoft.com>)

* [Matt Mitchell (9)](<https://github.com/dotnet/corefx/commits/master?author=matchell@outlook.com>)

* [Wes Haggard (9)](<https://github.com/dotnet/corefx/commits/master?author=weshaggard@users.noreply.github.com>)

* [David Kean (8)](<https://github.com/dotnet/corefx/commits/master?author=davkean@microsoft.com>)

* [Frank M (8)](<https://github.com/dotnet/corefx/commits/master?author=frankmand@outlook.com>)

* [Saurabh Singh (8)](<https://github.com/dotnet/corefx/commits/master?author=sausing@microsoft.com>)

* [Dan Moseley (7)](<https://github.com/dotnet/corefx/commits/master?author=danmose@microsoft.com>)

* [Josh Free (7)](<https://github.com/dotnet/corefx/commits/master?author=joshfree@users.noreply.github.com>)

*

[Matt Galbraith (7)](<https://github.com/dotnet/corefx/commits/master?author=mattgal@microsoft.com>)

* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/master?author=gs Vick@gmail.com>)

* [richamsft (7)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

* [Ben Bader (6)](<https://github.com/dotnet/corefx/commits/master?author=ben@bendb.com>)

* [bjjones (6)](<https://github.com/dotnet/corefx/commits/master?author=brandon1.jones@intel.com>)

* [David Mason (6)](<https://github.com/dotnet/corefx/commits/master?author=davmason@microsoft.com>)

* [Geunsik Lim (6)](<https://github.com/dotnet/corefx/commits/master?author=geunsik.lim@samsung.com>)

* [Marc Wrth (6)](<https://github.com/dotnet/corefx/commits/master?author=ravage@bluewin.ch>)

* [Parker Shelton (6)](<https://github.com/dotnet/corefx/commits/master?author=parker.shelton@gmail.com>)

* [sepedehMS (6)](<https://github.com/dotnet/corefx/commits/master?author=sekho@microsoft.com>)

*

[Bernie Schoch (5)](<https://github.com/dotnet/corefx/commits/master?author=bpschoch@gmail.com>)

* [Eric Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@microsoft.com>)

* [Hannah Zhang (5)](<https://github.com/dotnet/corefx/commits/master?author=t-hazhan@microsoft.com>)

* [Ioana Crant (5)](<https://github.com/dotnet/corefx/commits/master?author=ioana.crant@gmail.com>)

* [Jostein Kjnigsen (5)](<https://github.com/dotnet/corefx/commits/master?author=jostein@kjonigsen.net>)

* [Karthik Rajasekaran (5)](<https://github.com/dotnet/corefx/commits/master?author=karajas@microsoft.com>)

* [Matt Connew (5)](<https://github.com/dotnet/corefx/commits/master?author=mconnew@microsoft.com>)

* [Omari Omarov (5)](<https://github.com/dotnet/corefx/commits/master?author=omario@outlook.com>)

* [Oren Novotny (5)](<https://github.com/dotnet/corefx/commits/master?author=oren@novotny.org>)

* [Shaun Wilde (5)](https://github.com/dotnet/corefx/commits/master?author=shaun_wilde@hotmail.com)

*

[Wes Haggard (5)](<https://github.com/dotnet/corefx/commits/master?author=wesh@microsoft.com>)

* [Alexander Kozlenko (4)](<https://github.com/dotnet/corefx/commits/master?author=alexander.kozlenko@live.com>)

* [Andrew Arnott (4)](<https://github.com/dotnet/corefx/commits/master?author=andrewarnott@gmail.com>)

* [Chad Nedzlek (4)](<https://github.com/dotnet/corefx/commits/master?author=chadnedz@microsoft.com>)

* [Eric White (4)](<https://github.com/dotnet/corefx/commits/master?author=eric@ericwhite.com>)

* [John Bottenberg (4)](<https://github.com/dotnet/corefx/commits/master?author=jobotten@microsoft.com>)

* [Kevin Jones (4)](<https://github.com/dotnet/corefx/commits/master?author=kevin@vcsjones.com>)

* [Kwang Yul Seo (4)](<https://github.com/dotnet/corefx/commits/master?author=kwangyul.seo@gmail.com>)

* [Manu (4)](<https://github.com/dotnet/corefx/commits/master?author=manu-silicon@users.noreply.github.com>)

* [Page-Not-Found (4)](<https://github.com/dotnet/corefx/commits/master?author=siren6029@gmail.com>)

*

[Pavel Labovich (4)](<https://github.com/dotnet/corefx/commits/master?author=p.labovich@gmail.com>)

* [Rafid K. Abdullah (4)](<https://github.com/dotnet/corefx/commits/master?author=rafidka@gmail.com>)

* [rozm (4)](<https://github.com/dotnet/corefx/commits/master?author=rozm@ciklum.com>)

* [scorpion (4)](<https://github.com/dotnet/corefx/commits/master?author=scorpion.jze@gmail.com>)

* [Stephen Bonikowsky (4)](<https://github.com/dotnet/corefx/commits/master?author=stebon@microsoft.com>)

* [Vijay Kota (4)](<https://github.com/dotnet/corefx/commits/master?author=vijaykota@users.noreply.github.com>)

* [Ying Peng (4)](<https://github.com/dotnet/corefx/commits/master?author=YingP@microsoft.com>)

* [Zlatko Knezevic (4)](<https://github.com/dotnet/corefx/commits/master?author=zlakne@microsoft.com>)

* [Aleksey Tsingauz (3)](<https://github.com/dotnet/corefx/commits/master?author=alekseyt@microsoft.com>)

* [Alex Perovich (3)](<https://github.com/dotnet/corefx/commits/master?author=alperovi@microsoft.com>)

*

[Alexander Vostres (3)](<https://github.com/dotnet/corefx/commits/master?author=alexx999@gmail.com>)

* [Alexandr Nikitin (3)](<https://github.com/dotnet/corefx/commits/master?author=nikitin.alexandr.a@gmail.com>)

* [Amy Qiu (3)](<https://github.com/dotnet/corefx/commits/master?author=umberos@gmail.com>)

* [Andrey Akinshin (3)](<https://github.com/dotnet/corefx/commits/master?author=andrey.akinshin@gmail.com>)

* [Bar Arnon (3)](<https://github.com/dotnet/corefx/commits/master?author=I3arnon@gmail.com>)

* [Brian Robbins (3)](<https://github.com/dotnet/corefx/commits/master?author=brianrob@microsoft.com>)

* [Cory Nelson (3)](<https://github.com/dotnet/corefx/commits/master?author=cnelson@ctlglobalsolutions.com>)

* [Dmitry Kakurin (3)](<https://github.com/dotnet/corefx/commits/master?author=dmitryk@microsoft.com>)

* [Gaurav Khanna (CLR)](<https://github.com/dotnet/corefx/commits/master?author=gaurav.khanna@microsoft.com>)

* [Geoffrey Huntley (3)](<https://github.com/dotnet/corefx/commits/master?author=ghuntley@ghuntley.com>)

*

[Hemanth Kapila (3)](<https://github.com/dotnet/corefx/commits/master?author=skapila@microsoft.com>)

* [John Cunningham (3)](<https://github.com/dotnet/corefx/commits/master?author=jac009@outlook.com>)

* [Josh Free (3)](<https://github.com/dotnet/corefx/commits/master?author=jfree@microsoft.com>)

* [Mike McLaughlin (3)](<https://github.com/dotnet/corefx/commits/master?author=mikem@microsoft.com>)

* [Nadia (3)](<https://github.com/dotnet/corefx/commits/master?author=natkach@microsoft.com>)

* [Ron Cain (3)](<https://github.com/dotnet/corefx/commits/master?author=roncain@microsoft.com>)

* [Tomas Matousek (3)](<https://github.com/dotnet/corefx/commits/master?author=tomat@microsoft.com>)

* [Ufuk Hacoullar (3)](<https://github.com/dotnet/corefx/commits/master?author=ufukhaciogullari@gmail.com>)

* [William Godbe (3)](<https://github.com/dotnet/corefx/commits/master?author=william.godbe@comcast.net>)

* [Alex Sorokoletov (2)](<https://github.com/dotnet/corefx/commits/master?author=alex@dreamteam-mobile.com>)

*

[Alexander Speshilov (2)](<https://github.com/dotnet/corefx/commits/master?author=speshuric@gmail.com>)

* [Andrew Au (2)](<https://github.com/dotnet/corefx/commits/master?author=andrewau@microsoft.com>)

* [Ankit Sinha (2)](<https://github.com/dotnet/corefx/commits/master?author=ankitbko@gmail.com>)

* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/master?author=AustinWise@gmail.com>)

* [Ben Adams (2)](<https://github.com/dotnet/corefx/commits/master?author=thundercat@illyriad.co.uk>)

* [Ben Pye (2)](<https://github.com/dotnet/corefx/commits/master?author=ben@curlybracket.co.uk>)

* [Cristian Pop (2)](<https://github.com/dotnet/corefx/commits/master?author=CIPop@users.noreply.github.com>)

* [David Guyonvarch (2)](<https://github.com/dotnet/corefx/commits/master?author=guyonvarch.david@gmail.com>)

* [Dmitri Botcharnikov (2)](<https://github.com/dotnet/corefx/commits/master?author=dmitry.b@samsung.com>)

* [Eric Erhardt (2)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@Eric-MacBook-Pro.local>)

*

[Gregg Miskelly (2)](<https://github.com/dotnet/corefx/commits/master?author=greggm@microsoft.com>)

* [jbe2277 (2)](<https://github.com/dotnet/corefx/commits/master?author=jbe2277@users.noreply.github.com>)

* [Jeff Handley (2)](<https://github.com/dotnet/corefx/commits/master?author=jeffhandley@users.noreply.github.com>)

* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/master?author=jy910.yun@samsung.com>)

* [Joe Tremblay (2)](<https://github.com/dotnet/corefx/commits/master?author=jos.trem@gmail.com>)

* [kapilash (2)](<https://github.com/dotnet/corefx/commits/master?author=kapilash@outlook.com>)

* [Kasey Uhlenhuth (2)](<https://github.com/dotnet/corefx/commits/master?author=kaseyu@microsoft.com>)

- * [Kristian Hellang (2)](<https://github.com/dotnet/corefx/commits/master?author=kristian@hellang.com>)
- * [lajones (2)](<https://github.com/dotnet/corefx/commits/master?author=lajones@microsoft.com>)
- * [Lee Coward (2)](<https://github.com/dotnet/corefx/commits/master?author=leecow@microsoft.com>)
- *
- [leppie (2)](<https://github.com/dotnet/corefx/commits/master?author=xacc.ide@gmail.com>)
- * [loulouqun (2)](<https://github.com/dotnet/corefx/commits/master?author=loulouqun@hotmail.com>)
- * [Maksym Rozborskyi (2)](<https://github.com/dotnet/corefx/commits/master?author=hexelium@gmail.com>)
- * [Marcin Juraszek (2)](<https://github.com/dotnet/corefx/commits/master?author=mail@marcinjuraszek.com>)
- * [Nate McMaster (2)](<https://github.com/dotnet/corefx/commits/master?author=nate.mcmaster@microsoft.com>)
- * [Patrik Svensson (2)](<https://github.com/dotnet/corefx/commits/master?author=patrik@patriksvensson.se>)
- * [Peter Marcu (2)](<https://github.com/dotnet/corefx/commits/master?author=pmarcu@microsoft.com>)
- * [ProgramFOX (2)](<https://github.com/dotnet/corefx/commits/master?author=programfox@hotmail.be>)
- * [Rainer Sigwald (2)](<https://github.com/dotnet/corefx/commits/master?author=raines@microsoft.com>)
- * [Richa Verma (2)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)
- *
- [Sedar Gokbulut (2)](<https://github.com/dotnet/corefx/commits/master?author=sedarg@microsoft.com>)
- * [Steve Harter (2)](<https://github.com/dotnet/corefx/commits/master?author=steveharter@users.noreply.github.com>)
- * [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/master?author=tagoo@outlook.com>)
- * [Toni Petrina (2)](<https://github.com/dotnet/corefx/commits/master?author=tpetrina@tpetrina.com>)
- * [Trent Raymond (2)](<https://github.com/dotnet/corefx/commits/master?author=roydukkey@gmail.com>)
- * [Abdurrahman Kken (1)](<https://github.com/dotnet/corefx/commits/master?author=akoken@outlook.com>)
- * [Adam Ralph (1)](<https://github.com/dotnet/corefx/commits/master?author=adam@adamralph.com>)
- * [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/master?author=adityam@microsoft.com>)
- * [Alcaro (1)](<https://github.com/dotnet/corefx/commits/master?author=Alcaro@users.noreply.github.com>)
- * [Alex (1)](<https://github.com/dotnet/corefx/commits/master?author=alexbruceharley@gmail.com>)
- *
- [Alex Recker (1)](<https://github.com/dotnet/corefx/commits/master?author=alex@reckerfamily.com>)
- * [Alfred White (1)](<https://github.com/dotnet/corefx/commits/master?author=AlgorithmsAreCool@gmail.com>)
- * [Alicia Li (1)](<https://github.com/dotnet/corefx/commits/master?author=Alicial@Microsoft.com>)
- * [andi9310 (1)](<https://github.com/dotnet/corefx/commits/master?author=andrzej.podgorski@hotmail.com>)
- * [Andrea Martinelli (1)](<https://github.com/dotnet/corefx/commits/master?author=antiufo@gmail.com>)
- * [Andrew (1)](<https://github.com/dotnet/corefx/commits/master?author=andrewshirokoff@gmail.com>)
- * [Andrew Arnott (1)](<https://github.com/dotnet/corefx/commits/master?author=andrew.arnott@microsoft.com>)
- * [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/master?author=anpete@microsoft.com>)
- * [Andrew Schwartzmeyer (1)](<https://github.com/dotnet/corefx/commits/master?author=andschwa@microsoft.com>)
- * [Anubhav Saini (1)](<https://github.com/dotnet/corefx/commits/master?author=IAmAnubhavSaini@GMail.com>)
- *
- [Arkady Shapkin (1)](https://github.com/dotnet/corefx/commits/master?author=arkadiy_s@inbox.ru)
- * [Ashley Mannix (1)](<https://github.com/dotnet/corefx/commits/master?author=admin@kodr.com.au>)
- * [Ben Bader (1)](<https://github.com/dotnet/corefx/commits/master?author=ben@getkeepsafe.com>)
- * [Ben Gribaudo (1)](<https://github.com/dotnet/corefx/commits/master?author=me@bengribaudo.com>)
- * [Benjamin Hodgson (1)](<https://github.com/dotnet/corefx/commits/master?author=benjamin.hodgson@huddle.com>)
- * [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/master?author=billwert@microsoft.com>)
- * [Blanche (1)](<https://github.com/dotnet/corefx/commits/master?author=blanche012006@yahoo.ca>)
- * [BrennanConroy (1)](<https://github.com/dotnet/corefx/commits/master?author=brecon@microsoft.com>)

* [briangru (1)](<https://github.com/dotnet/corefx/commits/master?author=grunk@live.com>)

* [Chamila Chulatunga (1)](<https://github.com/dotnet/corefx/commits/master?author=chamila.chulatunga@gmail.com>)

*

[Chris Bohm (1)](<https://github.com/dotnet/corefx/commits/master?author=chrisboh@microsoft.com>)

* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/master?author=crummel@microsoft.com>)

* [Daniel Paoliello (1)](<https://github.com/dotnet/corefx/commits/master?author=daniel@meta-sys.info>)

* [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/master?author=daplaist@microsoft.com>)

* [Daniel Trebbien (1)](<https://github.com/dotnet/corefx/commits/master?author=dtrebbien@gmail.com>)

* [David Zucker (1)](<https://github.com/dotnet/corefx/commits/master?author=davzucky@hotmail.com>)

* [Dimitar Dimitrov (1)](<https://github.com/dotnet/corefx/commits/master?author=dimitrov2k@gmail.com>)

* [Dmitry Vakylenko (1)](<https://github.com/dotnet/corefx/commits/master?author=kremdima@mail.ru>)

* [DmitryGaravsky (1)](<https://github.com/dotnet/corefx/commits/master?author=garavskydmitry@gmail.com>)

* [Dominic Catherin (1)](<https://github.com/dotnet/corefx/commits/master?author=dominic.catherin@gmail.com>)

*

[Edward Kim (1)](<https://github.com/dotnet/corefx/commits/master?author=onward.edkim@gmail.com>)

* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eadordzhiev@users.noreply.github.com>)

* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eldardordzhiev@gmail.com>)

* [Eli Arbel (1)](<https://github.com/dotnet/corefx/commits/master?author=aelij@arbel.net>)

* [Eric White (1)](<https://github.com/dotnet/corefx/commits/master?author=v-ericwh@microsoft.com>)

* [Erik Schierboom (1)](https://github.com/dotnet/corefx/commits/master?author=erik_schierboom@hotmail.com)

* [Erwin Janssen (1)](<https://github.com/dotnet/corefx/commits/master?author=erwinjanssen@outlook.com>)

* [Gabriel (1)](<https://github.com/dotnet/corefx/commits/master?author=developer.gabriel@gmail.com>)

* [Gareth Thomas (1)](<https://github.com/dotnet/corefx/commits/master?author=gareth.thomas@cdsn.co.uk>)

* [Gerald Scott Freeman (1)](<https://github.com/dotnet/corefx/commits/master?author=gsfreema@gmail.com>)

* [Gerjan (1)](<https://github.com/dotnet/corefx/commits/master?author=gkonterman@gmail.com>)

* [Gert Driesen (1)](<https://github.com/dotnet/corefx/commits/master?author=gert.driesen@telenet.be>)

* [Geunsik Lim (1)](<https://github.com/dotnet/corefx/commits/master?author=geunsik@samsung.com>)

* [Giorgi Dalakishvili (1)](<https://github.com/dotnet/corefx/commits/master?author=mcnamaragio@gmail.com>)

* [Gopal Adhikari (1)](<https://github.com/dotnet/corefx/commits/master?author=gopala@email.arizona.edu>)

* [Govert van Drimmelen (1)](<https://github.com/dotnet/corefx/commits/master?author=govert@icon.co.za>)

* [Govind Sahai (1)](<https://github.com/dotnet/corefx/commits/master?author=gsiitbhu@gmail.com>)

* [Grzegorz Roniecki (1)](<https://github.com/dotnet/corefx/commits/master?author=xaerxess@gmail.com>)

* [Guclu Ozturk (1)](<https://github.com/dotnet/corefx/commits/master?author=gucluozturk@gmail.com>)

* [Ilya Biryukov (1)](<https://github.com/dotnet/corefx/commits/master?author=ilbiryuk@microsoft.com>)

* [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/master?author=immo@landwerth.net>)

* [jacobcarpenter (1)](<https://github.com/dotnet/corefx/commits/master?author=github@jacobcarpenter.com>)

* [Jake Petroules (1)](<https://github.com/dotnet/corefx/commits/master?author=jake.petroules@petroules.com>)

* [Jarret Shook (1)](https://github.com/dotnet/corefx/commits/master?author=jarret_shook@outlook.com)

* [jashook (1)](<https://github.com/dotnet/corefx/commits/master?author=jashoo@microsoft.com>)

* [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/master?author=jasonpang@outlook.com>)

* [jasonwoods-7 (1)](<https://github.com/dotnet/corefx/commits/master?author=jwoods@appliedsystems.com>)

* [Jb Evain (1)](<https://github.com/dotnet/corefx/commits/master?author=jb@evain.net>)

* [jbuisson (1)](<https://github.com/dotnet/corefx/commits/master?author=jbuisson@octo.com>)

* [Jeff Foster (1)](<https://github.com/dotnet/corefx/commits/master?author=jeff.foster@acm.org>)

*
 [Jeremy Barton (1)](<https://github.com/dotnet/corefx/commits/master?author=bartonjs@jsb-mac.local>)
 * [Joe Tremblay (1)](<https://github.com/dotnet/corefx/commits/master?author=joe.tremblay@ncr.com>)
 * [John Bentley (1)](<https://github.com/dotnet/corefx/commits/master?author=john@johnbentley.ninja>)
 * [John Chen (CLR) (1)](<https://github.com/dotnet/corefx/commits/master?author=jochen@microsoft.com>)
 * [Jon Miller (1)](<https://github.com/dotnet/corefx/commits/master?author=sokket@outlook.com>)
 * [Jonathon Rossi (1)](<https://github.com/dotnet/corefx/commits/master?author=jono@jonorossi.com>)
 * [Jorgen Thelin (1)](<https://github.com/dotnet/corefx/commits/master?author=jthelin@microsoft.com>)
 * [Joseph Lennox (1)](<https://github.com/dotnet/corefx/commits/master?author=jlennox@gmail.com>)
 * [Joseph Woodward (1)](<https://github.com/dotnet/corefx/commits/master?author=josephwoodward@xeuse.com>)
 * [Kamran Ayub (1)](<https://github.com/dotnet/corefx/commits/master?author=kamran.ayub@gmail.com>)
 *
 [Kevin David (1)](<https://github.com/dotnet/corefx/commits/master?author=kevin.david@microsoft.com>)
 * [Kevin Pilch-Bisson (1)](<https://github.com/dotnet/corefx/commits/master?author=me@pilchie.com>)
 * [Koundinya Veluri
 (1)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@users.noreply.github.com>)
 * [Lukasz Wolanin (1)](<https://github.com/dotnet/corefx/commits/master?author=lukasz.wolanin@pracuj.pl>)
 * [Maira Wenzel (1)](<https://github.com/dotnet/corefx/commits/master?author=mairaw@users.noreply.github.com>)
 * [Marc Gravell (1)](<https://github.com/dotnet/corefx/commits/master?author=marc.gravell@gmail.com>)
 * [Marek (1)](<https://github.com/dotnet/corefx/commits/master?author=GitHub@marekfiser.cz>)
 * [Mark Hurd (1)](<https://github.com/dotnet/corefx/commits/master?author=markehurd@gmail.com>)
 * [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/master?author=fubar-coder@users.noreply.github.com>)
 * [martincostello (1)](<https://github.com/dotnet/corefx/commits/master?author=martin@martincostello.com>)
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 [Matthew Whilden (1)](<https://github.com/dotnet/corefx/commits/master?author=mwhilden@microsoft.com>)
 * [Michael Aird (1)](<https://github.com/dotnet/corefx/commits/master?author=michael.aird@gmail.com>)
 * [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/master?author=michals@microsoft.com>)
 * [Miguel de Icaza (1)](<https://github.com/dotnet/corefx/commits/master?author=miguel@gnome.org>)
 * [mihailik (1)](<https://github.com/dotnet/corefx/commits/master?author=mihailik@gmail.com>)
 * [Mike Popoloski (1)](<https://github.com/dotnet/corefx/commits/master?author=mike@popoloski.com>)
 * [Mike Rousos (1)](<https://github.com/dotnet/corefx/commits/master?author=MikeRou@Microsoft.com>)
 * [Mircea Trofin (1)](<https://github.com/dotnet/corefx/commits/master?author=mirceat@microsoft.com>)
 * [mirhagk (1)](<https://github.com/dotnet/corefx/commits/master?author=mirhagk@gmail.com>)
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 * [Mort Yao (1)](<https://github.com/dotnet/corefx/commits/master?author=mort.yao@gmail.com>)
 * [MyungJoo Ham (1)](<https://github.com/dotnet/corefx/commits/master?author=myungjoo.ham@samsung.com>)
 * [nbilling (1)](<https://github.com/dotnet/corefx/commits/master?author=nbilling@microsoft.com>)
 * [Noah Falk (1)](<https://github.com/dotnet/corefx/commits/master?author=noahfalk@microsoft.com>)
 * [Paolo G. Giarrusso (1)](<https://github.com/dotnet/corefx/commits/master?author=p.giarrusso@gmail.com>)
 * [Peter Blazejewicz (1)](<https://github.com/dotnet/corefx/commits/master?author=peter.blazejewicz@gmail.com>)
 * [Peter Monks (1)](<https://github.com/dotnet/corefx/commits/master?author=pjmonks@gmail.com>)
 * [Petermarcu (1)](<https://github.com/dotnet/corefx/commits/master?author=Petermarcu@hotmail.com>)
 * [Pierre Arnaud (1)](<https://github.com/dotnet/corefx/commits/master?author=arnaud@epsitec.ch>)
 *

[Prajwal A N (1)](<https://github.com/dotnet/corefx/commits/master?author=an.prajwal@samsung.com>)

- * [Rahul Kotecha (1)](<https://github.com/dotnet/corefx/commits/master?author=rahul.kotecha@microsoft.com>)
- * [Rama Krishnan Raghupathy (1)](<https://github.com/dotnet/corefx/commits/master?author=ramarag@microsoft.com>)
- * [rcabr (1)](<https://github.com/dotnet/corefx/commits/master?author=github@reubencabrera.com>)
- * [Russell Gray (1)](<https://github.com/dotnet/corefx/commits/master?author=russgray@gmail.com>)
- * [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/master?author=sahie.park@samsung.com>)
- * [Shawn Hargreaves (1)](<https://github.com/dotnet/corefx/commits/master?author=shawnhar@microsoft.com>)
- * [Shay Rojansky (1)](<https://github.com/dotnet/corefx/commits/master?author=roji@roji.org>)
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- * [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/master?author=sjlee@mail.com>)
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- * [Tijoy Tom Kalathiparambil (1)](<https://github.com/dotnet/corefx/commits/master?author=tijoytk@microsoft.com>)
- * [Tom Deseyn (1)](<https://github.com/dotnet/corefx/commits/master?author=tom.deseyn@gmail.com>)
- * [tymlipari (1)](<https://github.com/dotnet/corefx/commits/master?author=tym@tymlipari.com>)
- * [Ujjwol Lamichhane (1)](<https://github.com/dotnet/corefx/commits/master?author=ujjwollamichhane@gmail.com>)
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- * [Vlad Riscutia (1)](<https://github.com/dotnet/corefx/commits/master?author=vladris@outlook.com>)
- * [Wade Wegner (1)](<https://github.com/dotnet/corefx/commits/master?author=wade.wegner@gmail.com>)
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- * [Senthil (106)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=schellap@microsoft.com>)
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- * [Zlatko Knezevic (78)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=zlakne@microsoft.com>)
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- * [Mihai Codoban (43)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=micodoba@microsoft.com>)
- * [Matt Ellis (26)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=matell@microsoft.com>)
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* [Livar Cunha (21)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=licavalc@microsoft.com>)
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[Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=prkrishn@hotmail.com>)
* [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@stanton-nurse.com>)
* [Enrico Sada (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=enrico@sada.io>)
* [Eric Mellino (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=erme@microsoft.com>)
* [Eric St. John (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ericstj@microsoft.com>)
* [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=danquirk@microsoft.com>)
* [glennnc (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=glennnc@microsoft.com>)
* [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=c.neumueller@gmail.com>)
* [Petr Onderka (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=gsvick@gmail.com>)
* [Tanner Gooding
(11)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=tannergooding@users.noreply.github.com>)
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[Gaurav Khanna (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=gkhanna@microsoft.com>)
* [moozyk (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=pawelka@microsoft.com>)
* [Richard Lander (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rlander@microsoft.com>)
* [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jonmill@microsoft.com>)
* [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rob@firegiant.com>)
* [Adam Gorman (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=adamgor@microsoft.com>)
* [Lakshan Fernando (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=lakshanf@microsoft.com>)
* [MichaelSimons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=msimons@microsoft.com>)
* [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Peter.Marcu@Microsoft.com>)
* [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=toddmosc@microsoft.com>)
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[Wes Haggard (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Wes.Haggard@microsoft.com>)
* [Ajay Bhargav Baaskaran (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajbaaska@microsoft.com>)
* [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=chucks@microsoft.com>)
* [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mmitche@microsoft.com>)
* [Krzysztof Wicher (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mordotymoja@gmail.com>)
* [Austin Wise (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=AustinWise@gmail.com>)
* [Jared Parsons (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpparsons@gmail.com>)
* [Justin Emgarten (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=justin@emgarten.com>)
* [Nate Amundson (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=naamunds@microsoft.com>)
* [Rohit Agrawal (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ragrawal@microsoft.com>)
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[Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=adityam@microsoft.com>)
* [Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=billwert@microsoft.com>)
* [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=dpodder@gmail.com>)
* [dasMulli (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=martin.andreas.ullrich@gmail.com>)
* [James Ko (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jamesqko@gmail.com>)
* [Jared Parsons (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpar@microsoft.com>)
* [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jeremy.ymeng@gmail.com>)
* [Joel Verhagen (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jver@microsoft.com>)
* [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kevin@vcsjones.com>)
* [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=lee.ryan.campbell@gmail.com>)
*

[Manish Jayaswal (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=manishj@microsoft.com>)

* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nimullen@microsoft.com>)

* [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=office@schneider-netservices.com>)

* [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rajesh.kakadia@gmail.com>)

* [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=victor.hurdugaci@microsoft.com>)

* [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajaybhargavb@gmail.com>)

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

* [Alex KeySmith
(1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=AlexKeySmith@users.noreply.github.com>)

* [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=alpaix@outlook.com>)

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[Alexander Kozlenko (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=alexander.kozlenko@live.com>)

* [Bart Koelman
(1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)

* [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=thundercat@illyriad.co.uk>)

* [blackdwarf (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=blackdwarf@msforge.net>)

* [Brian Robbins (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=brianrob@microsoft.com>)

* [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bricelam@microsoft.com>)

* [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bricelam@outlook.com>)

* [Cesar Blum Silveira (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=cesars@microsoft.com>)

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

* [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=dapodd@microsoft.com>)

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[David Lechner (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=david@lechnology.com>)

* [Dennis Fischer (1)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=fischer_dennis@live.de)

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

* [Eric Erhardt (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eerhardt@Eric-MacBook-Pro.local>)

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

* [factormystic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=factormystic@gmail.com>)

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

* [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jacalvar@microsoft.com>)

* [Jan Kotas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jkotas@microsoft.com>)

* [Jan Vorlicek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=janvorli@microsoft.com>)

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[Joel Hendrix (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jhendrix@microsoft.com>)

* [John Luo (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jt.luo@mail.utoronto.ca>)

* [John Van Tuyl (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jpvantuy@gmail.com>)

* [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jean-thierry.kechichian@wanadoo.fr>)

* [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=cH40z-Lord@outlook.com>)

* [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kyulee@microsoft.com>)

* [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Priya91@users.noreply.github.com>)

* [Luke Elliott (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=revlucio@gmail.com>)

* [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mis@guardrex.com>)

* [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=fubar-coder@users.noreply.github.com>)

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[Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mark@markrendle.net>)

* [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=martin@martincostello.com>)

* [Nate McMaster (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nate.mcmaster@microsoft.com>)

- * [nattress (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=simonn@microsoft.com>)
- * [Noah Falk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=noahfalk@microsoft.com>)
- * [Peter Jas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=necmon@yahoo.com>)
- * [Rob Relyea (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rob@relyeas.net>)
- * [shahid-pk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=shahid.mrd@hotmail.com>)
- * [stephentoub (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=stoub@microsoft.com>)
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- * [Tomas Matousek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=tomas.matousek@microsoft.com>)
- * [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=zhili128@outlook.com>)

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- * [Phillip Carter (26)](<https://github.com/dotnet/core-docs/commits/master?author=phillip.carter@outlook.com>)
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- [matthewreily (24)](<https://github.com/dotnet/core-docs/commits/master?author=matthew.reily@interworks.com>)
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- * [Bill Wagner (14)](<https://github.com/dotnet/core-docs/commits/master?author=wiwagn@microsoft.com>)
- * [brady gaster (14)](<https://github.com/dotnet/core-docs/commits/master?author=bradyg@microsoft.com>)
- * [blackdwarf (12)](<https://github.com/dotnet/core-docs/commits/master?author=zlakne@zlakne-bigun.redmond.corp.microsoft.com>)
- * [Ken Chen (12)](<https://github.com/dotnet/core-docs/commits/master?author=kenchen@microsoft.com>)
- * [Qinzen Zhu (12)](<https://github.com/dotnet/core-docs/commits/master?author=qinzhu@microsoft.com>)
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- [Liangying (7)](<https://github.com/dotnet/core-docs/commits/master?author=lianwei@microsoft.com>)
- * [Steven Das (7)](<https://github.com/dotnet/core-docs/commits/master?author=DasAllFolks@users.noreply.github.com>)
- * [Kemp Brown (5)](<https://github.com/dotnet/core-docs/commits/master?author=kempb1@hotmail.com>)
- * [Daniel Roth (4)](<https://github.com/dotnet/core-docs/commits/master?author=danroth27@hotmail.com>)
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- * [Eric StJohn (3)](<https://github.com/dotnet/core-docs/commits/master?author=ericstj@microsoft.com>)
- * [Kemp Brown (3)](<https://github.com/dotnet/core-docs/commits/master?author=kempb@microsoft.com>)
- * [Maira Wenzel (3)](<https://github.com/dotnet/core-docs/commits/master?author=mairaw@microsoft.com>)
- *

[Scott Hanselman (3)](<https://github.com/dotnet/core-docs/commits/master?author=scott@hanselman.com>)

- * [Usman Prashant Satish (3)](<https://github.com/dotnet/core-docs/commits/master?author=anotherkabab@gmail.com>)
- * [Brett Morrison (2)](<https://github.com/dotnet/core-docs/commits/master?author=b@brettmorrison.com>)
- * [Daniel Plaisted (2)](<https://github.com/dotnet/core-docs/commits/master?author=dsplaisted@gmail.com>)
- * [Jack Fox (2)](<https://github.com/dotnet/core-docs/commits/master?author=jackfoxy@gmail.com>)
- * [Martin Volerich (2)](<https://github.com/dotnet/core-docs/commits/master?author=martin@volerich.com>)
- * [Adam Kinney (1)](<https://github.com/dotnet/core-docs/commits/master?author=adkinn@microsoft.com>)
- * [Adrian Flood (1)](<https://github.com/dotnet/core-docs/commits/master?author=ajf2@users.noreply.github.com>)
- * [Alberto Monteiro (1)](<https://github.com/dotnet/core-docs/commits/master?author=alberto.monteiro@live.com>)
- *
- [Alex Troshkin (1)](<https://github.com/dotnet/core-docs/commits/master?author=alextroshkin@outlook.com>)
- * [Allan Lindqvist (1)](https://github.com/dotnet/core-docs/commits/master?author=al_3891@hotmail.com)
- * [Andrew Arnott (1)](<https://github.com/dotnet/core-docs/commits/master?author=andrewarnott@gmail.com>)
- * [Bertrand Le Roy (1)](<https://github.com/dotnet/core-docs/commits/master?author=beleroy@microsoft.com>)
- * [Bill Wagner (1)](<https://github.com/dotnet/core-docs/commits/master?author=bill.w.wagner@outlook.com>)
- * [Cole Mickens (1)](<https://github.com/dotnet/core-docs/commits/master?author=cole.mickens@gmail.com>)
- * [Dan Moseley (1)](<https://github.com/dotnet/core-docs/commits/master?author=danmose@microsoft.com>)
- * [danroth27 (1)](<https://github.com/dotnet/core-docs/commits/master?author=daroth@microsoft.com>)
- * [David V. McKay (1)](<https://github.com/dotnet/core-docs/commits/master?author=david.v.mckay@gmail.com>)
- * [Den Delimarsky (1)](<https://github.com/dotnet/core-docs/commits/master?author=ddelimarsky@live.com>)
- *
- [Doron Grinzaig (1)](<https://github.com/dotnet/core-docs/commits/master?author=grdoron@gmail.com>)
- * [fenxu (1)](<https://github.com/dotnet/core-docs/commits/master?author=fenxu@microsoft.com>)
- * [Giorgio Galante (1)](<https://github.com/dotnet/core-docs/commits/master?author=GiorgioG@users.noreply.github.com>)
- * [ichengzi (1)](<https://github.com/dotnet/core-docs/commits/master?author=ichengzi@users.noreply.github.com>)
- * [imran_ku07 (1)](https://github.com/dotnet/core-docs/commits/master?author=imran_ku07@yahoo.com)
- * [Isaac Abraham (1)](<https://github.com/dotnet/core-docs/commits/master?author=isaac.abraham@live.co.uk>)
- * [Lewis Kirkaldie (1)](<https://github.com/dotnet/core-docs/commits/master?author=lewis.kirkaldie@gmail.com>)
- * [Martin Woodward (1)](<https://github.com/dotnet/core-docs/commits/master?author=martin@dotnetfoundation.org>)
- * [Matthew Reily (1)](<https://github.com/dotnet/core-docs/commits/master?author=me@mattreily.com>)
- * [Nat Elkins (1)](<https://github.com/dotnet/core-docs/commits/master?author=nelkins@acaclient.com>)
- *
- [Nate Barbettini (1)](<https://github.com/dotnet/core-docs/commits/master?author=nathanaelb@gmail.com>)
- * [Nate McMaster (1)](<https://github.com/dotnet/core-docs/commits/master?author=natemcmaster@users.noreply.github.com>)
- * [Robin Mller (1)](<https://github.com/dotnet/core-docs/commits/master?author=robin.mueller@outlook.de>)
- * [Ruben Bartelink (1)](<https://github.com/dotnet/core-docs/commits/master?author=ruben@bartelink.com>)
- * [seandebutts (1)](<https://github.com/dotnet/core-docs/commits/master?author=seandemployment@gmail.com>)
- * [Thiago 'Jedi' Abreu (1)](<https://github.com/dotnet/core-docs/commits/master?author=thiagoa7@gmail.com>)
- * [Ying Hua (1)](<https://github.com/dotnet/core-docs/commits/master?author=herohua@users.noreply.github.com>)
- * [zhangmm (1)](<https://github.com/dotnet/core-docs/commits/master?author=zhangmin6105@qq.com>)

WCF

- * [Ron Cain (191)](<https://github.com/dotnet/wcf/commits/master?author=roncain@microsoft.com>)

```

*
[Jason Pang (176)](https://github.com/dotnet/wcf/commits/master?author=jasonpa@microsoft.com)
* [Stephen Bonikowsky (150)](https://github.com/dotnet/wcf/commits/master?author=stebon@microsoft.com)
* [Matt Connew (80)](https://github.com/dotnet/wcf/commits/master?author=mconnew@microsoft.com)
* [hongdai (49)](https://github.com/dotnet/wcf/commits/master?author=hongdai@microsoft.com)
* [Eric St. John (41)](https://github.com/dotnet/wcf/commits/master?author=ericstj@microsoft.com)
* [Shin Mao (29)](https://github.com/dotnet/wcf/commits/master?author=shmao@microsoft.com)
* [Zhenlan Wang (16)](https://github.com/dotnet/wcf/commits/master?author=zhenlwa@microsoft.com)
* [Matt Mitchell (14)](https://github.com/dotnet/wcf/commits/master?author=mmitch@microsoft.com)
* [Davis Goodin (12)](https://github.com/dotnet/wcf/commits/master?author=dagood@microsoft.com)
* [Sajay Antony (9)](https://github.com/dotnet/wcf/commits/master?author=sajaya@microsoft.com)
* [Eric Mellino
(7)](https://github.com/dotnet/wcf/commits/master?author=erme@microsoft.com)
* [Wes Haggard (7)](https://github.com/dotnet/wcf/commits/master?author=Wes.Haggard@microsoft.com)
* [Christopher Costa (6)](https://github.com/dotnet/wcf/commits/master?author=chcosta@microsoft.com)
* [dmetzgar (6)](https://github.com/dotnet/wcf/commits/master?author=dmetzgar@microsoft.com)
* [Jason Pang (5)](https://github.com/dotnet/wcf/commits/master?author=iamjasonp@users.noreply.github.com)
* [Joel Hendrix (4)](https://github.com/dotnet/wcf/commits/master?author=jhendrix@microsoft.com)
* [Matt Ellis (4)](https://github.com/dotnet/wcf/commits/master?author=matell@microsoft.com)
* [Khoa Dang (3)](https://github.com/dotnet/wcf/commits/master?author=Khoa.Dang@microsoft.com)
* [Konst Khurin (3)](https://github.com/dotnet/wcf/commits/master?author=kkhurin@microsoft.com)
* [Peter Hsu (3)](https://github.com/dotnet/wcf/commits/master?author=shhsu@microsoft.com)
* [James Ko (2)](https://github.com/dotnet/wcf/commits/master?author=jamesqko@gmail.com)
*
[Mariana Rios Flores (2)](https://github.com/dotnet/wcf/commits/master?author=mariari@microsoft.com)
* [Nick Guerrero (2)](https://github.com/dotnet/wcf/commits/master?author=nicholg@microsoft.com)
* [Davis Goodin (1)](https://github.com/dotnet/wcf/commits/master?author=dagood@users.noreply.github.com)
* [Dmitry (1)](https://github.com/dotnet/wcf/commits/master?author=777Eternal777@users.noreply.github.com)
* [Dmitry Turin (1)](https://github.com/dotnet/wcf/commits/master?author=turin.dmytro@gmail.com)
* [Dmitry Vakylenko (1)](https://github.com/dotnet/wcf/commits/master?author=kremdima@mail.ru)
* [Dustin Metzgar (1)](https://github.com/dotnet/wcf/commits/master?author=dmetzgar@users.noreply.github.com)
* [Eric St. John (1)](https://github.com/dotnet/wcf/commits/master?author=Eric.St.John@microsoft.com)
* [Jan Kotas (1)](https://github.com/dotnet/wcf/commits/master?author=jkotas@microsoft.com)
* [Jose Perez Rodriguez (1)](https://github.com/dotnet/wcf/commits/master?author=joperezr@microsoft.com)
*
[Matt Mitchell (1)](https://github.com/dotnet/wcf/commits/master?author=matchell@outlook.com)
# 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)

- [Bryan Thornbury (403)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [Livar Cunha (303)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com>)
- [Eric Erhardt (273)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com>)
-
- [Piotr Puskiewicz (237)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)
- [Sridhar Periyasamy (222)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com>)
- [David Fowler (164)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com>)
- [Andrew Stanton-Nurse (148)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net>)
- [Pavel Krymets (109)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com>)
- [Senthil (106)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
- [Zlatko Knezevic (86)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com>)
- [Krzysztof Wichor (74)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com>)
- [Troy Dai (66)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com>)
-
- [Mihai Codoban (43)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com>)
- [Faizan Ahmad (32)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faahmad@microsoft.com>)
- [Krzysztof Wichor (29)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mordotymoja@gmail.com>)
- [Matt Ellis (26)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com>)
- [Andy Gocke (25)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=angocke@microsoft.com>)
- [Enrico Sada (22)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=enrico@sada.io>)
- [Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Justin Goshi (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jgoshi@microsoft.com>)
- [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
-
- [erhardt (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Eric Mellino (18)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)
- [Eric St. John (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com>)
- [Petr Onderka (15)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gs Vick@gmail.com>)
- [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=danquirk@microsoft.com>)
- [Glenn Condru (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=glenn@microsoft.com>)
- [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=c.neumueller@gmail.com>)
- [Tanner Gooding (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@users.noreply.github.com>)

- [Richard Lander (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rlander@microsoft.com>)
-
- [Justin Emgarten (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=justin@emgarten.com>)
- [moozyk (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pawelka@microsoft.com>)
- [Gaurav Khanna (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gkhanna@microsoft.com>)
- [Ajay Bhargav Baaskaran (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [jplebre (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jplebre@gmail.com>)
- [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@firegiant.com>)
- [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeffkl@microsoft.com>)
-
- [Michael Simons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Wes Haggard (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Wes.Haggard@microsoft.com>)
- [Adam Gorman (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adamgor@microsoft.com>)
- [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Peter.Marcu@Microsoft.com>)
- [Nick Guerrero (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nicholg@microsoft.com>)
- [Lakshan Fernando (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lakshanf@microsoft.com>)
- [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mmitche@microsoft.com>)
- [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=chucks@microsoft.com>)
-
- [dasMulli (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin.andreas.ullrich@gmail.com>)
- [cartermp (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)
- [Nate Amundson (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=naamunds@microsoft.com>)
- [Jared Parsons (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jaredpar@microsoft.com>)
- [Michael Simons (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Austin Wise (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AustinWise@gmail.com>)
- [Joel Verhagen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jver@microsoft.com>)
- [N. Taylor Mullen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nimullen@microsoft.com>)
-
- [mendhak (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gpslogger@mendhak.com>)
- [Dennis Fricke (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=github@dennis-fricke.de>)
- [Nate McMaster (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nate.mcmaster@microsoft.com>)
- [Tomas Matousek (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tomas.matousek@microsoft.com>)

- [James Ko (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jamesqko@gmail.com>)
- [Davis Goodin (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dagood@microsoft.com>)
- [Arun Mahapatra (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=codito@users.noreply.github.com>)
- [v-masche (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-masche@DDVMASCHE492>)
- [Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adityam@microsoft.com>)
-
- [Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Faizan2304 (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faizan2304@hotmail.com>)
- [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=frsilb@microsoft.com>)
- [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremy.ymeng@gmail.com>)
- [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kevin@vcsjones.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
- [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lee.ryan.campbell@gmail.com>)
- [Manish Jayaswal (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=manishj@microsoft.com>)
-
- [Mike Lorbetske (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mlorbe@microsoft.com>)
- [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=office@schneider-netservices.com>)
- [Phil Henning (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phenning@microsoft.com>)
- [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rrelyea@microsoft.com>)
- [Shannon (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sdeminick@gmail.com>)
- [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=victor.hurdugaci@microsoft.com>)
- [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rajesh.kakadia@gmail.com>)
- [seancpeters (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sepeters@microsoft.com>)
- [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kyulee@microsoft.com>)
-
- [nattress (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=simonn@microsoft.com>)
- [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremie.galarneau@gmail.com>)
- [Juergen Hoetzel (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=juergen@archlinux.org>)
- [Jostein Kjonigsen (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jostein@kjonigsen.net>)
- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@jonathans-mbp.guest.corp.microsoft.com>)
- [Noah Falk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=noahfalk@microsoft.com>)
- [Adam Baxter (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=voltage@voltage.org>)
- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@Jonathans-MacBook-Pro.local>)
- [Peter Jas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=necmon@yahoo.com>)
-

[John Van Tuyl (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jpvantuyl@gmail.com>)

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

- [John Luo (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jt.luo@mail.utoronto.ca>)

- [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajaybhargavb@gmail.com>)

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

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

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

- [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=hk0110.choi@samsung.com>)

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

-

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

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

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

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

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

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

- [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>)

- [Dennis Fischer (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer_dennis@live.de)

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

- [David Lechner (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=david@lechnology.com>)

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

- [Daniel Bradley (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=daniel@danielbradley.net>)

- [shahid-pk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=shahid.mrd@hotmail.com>)

- [Damian Edwards (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-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>)

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

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

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

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

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

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

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

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

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

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- [factormystic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=factormystic@gmail.com>)
- [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
- [Bart Koelman (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)
- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [kloun (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrey0bolkonsky@gmail.com>)
- [kotov.a (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Alexander Kozlenko (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alexander.kozlenko@live.com>)
- [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alpaix@outlook.com>)
- [Mark Clearwater (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mclearwater@gmail.com>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=MattGal@users.noreply.github.com>)
- [Luke Elliott (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=revlucio@gmail.com>)
- [Mattias Karlsson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cH40z-Lord@outlook.com>)

Contributions to .NET Core 2.0

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

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

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

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

CLI

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

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

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

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

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

*

[Mike Lorbetske (100)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)

* [jonsequitur (77)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com>)

* [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>)

*

[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>)

*

[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>)

*

[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>)

* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)

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

* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)

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

* [Ken Dale (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)

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

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

* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)

* [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>)

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

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

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

*

[Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)

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

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

* [Zhi Li (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zhili128@outlook.com>)

* [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)

* [Abhitej Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)

* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)

* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)

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

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

*

[Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)

* [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sahie.park@samsung.com>)

* [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)

* [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)

* [Alexander Kplinger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

* [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)

* [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com>)

*

[Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)

* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)

* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)

* [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jltc.co.uk>)

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

* [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)

* [Alex Barney (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com>)

* [William Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com>)

* [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

* [Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)

*

[Zhi Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=lzhi@microsoft.com>)

* [Adeel (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com>)

* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)

* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)

* [Daniel Plaisted (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dsplaisted@gmail.com>)

* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

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

* [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>)

* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)

*

[Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)

* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)

* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)

* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)

* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)

* [foresterre (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com>)

* [Bill Wert (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=billwert@microsoft.com>)

CoreCLR

- * [Jonghyun Park (242)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
- * [Jan Kotas (182)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
- *
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- * [Steve MacLean, Qualcomm Datacenter Technologies, Inc
(53)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
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(30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
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(22)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

* [Frederik Carlier
(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

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(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

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(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

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* [Swaroop Sridhar
(15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

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* [Tanner Gooding (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

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

* [Hanjoung Lee (12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

* [Ahson Ahmed Khan
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [Hyung-Kyu Choi
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

* [ahsonkhan (12)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com)

* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

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(11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

* [Jim Ma (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)

* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)

* [Igor Kulaychuk
(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

* [Sujin Kim (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

* [Alexander Radchenko
(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

* [Alex Ghiondea
(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)
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[ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)
* [Eric Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)
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* [Hyeongseok Oh
(7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)
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* [Viktor Hofer (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
* [Wes Haggard
(6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
* [Sven Boemer (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)
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(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com>)
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[Mandar Sahasrabuddhe

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- * [Maoni Stephens

(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

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- * [Felipe Fujiy Pessoto

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- * [Ilya

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- * [Omar Tawfik

(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

- * [Julien Couvreur

(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

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- * [Sasha Semennikov

(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

- * [Santiago Fernandez Madero

(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safem@microsoft.com>)

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[Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)

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- * [Michael Letterle

(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

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* [Rama krishnan Raghupathy (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)

* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)

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[Dmitry (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)

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* [Xiangyang (Mark) Guo (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)

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* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

* [Andrey Akinshin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)

* [kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)

* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)

* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)

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

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

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

* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)

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* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)

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

* [Russ Keldorph (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=diff.tool>)

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* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

*

[Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)

* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)

* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)

* [Martijn Hoekstra (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

* [Marek Linka (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

* [Ionut Tamas (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com)

* [Sebastian Lauber (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

* [Maarten Mensink (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

*

[Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Alan Lawrence (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=allawr@microsoft.com>)

* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

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

* [Jose Perez Rodriguez (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

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

* [Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

*

[Steve MacLean, Qualcomm Datacenter Technologies Inc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

* [Christoph Neumller (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

* [Krzysztof Wicher (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)

* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)

* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)

* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)

* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)

*

[Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)

* [Tarun Pothulapati (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

* [Thiago Camargos Lopes (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)

* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)

* [Toni Solarin-Sodara (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)

* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)

* [Karel Zikmund (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@microsoft.com>)

* [Varun Venkatesan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)

* [Vijay Ramakrishnan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)

*

[vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)

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

* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)

* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendono@users.noreply.github.com>)

* [sergey ignatov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sergign60@mail.ru>)

* [Xiang Fan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangfan@microsoft.com>)

* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)

*

[Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)

* [sjsujinkim (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

* [Yuriy Solodkyy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)

* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)

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

* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)

* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)

*

[cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)

* [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

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

* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

* [Morgan Brown (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)

* [Nicol Carandini (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)

* [Ofer Zelig (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)

*

[Olof Olsson (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)

* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)

* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)

* [OmariO

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omariom@users.noreply.github.com>)

- * [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)
- * [Mikhael Skvortsov
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)
- * [Alexandre Mutel
- (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com)
- * [Pedro Lamas (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pedrolamas@gmail.com>)
- *
- [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)
- * [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)
- * [Matthew Parkinson
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)
- * [Peter Smulovics
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)
- * [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)
- * [AlexGhiondea
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
- * [gbalykov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=g.balykov@samsung.com>)
- * [giuliohome (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)
- * [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- *
- [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com>)
- * [ikopylov
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)

CoreFX

- * [Stephen Toub (661)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- * [Jon Hanna (361)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)
- * [Eric St. John (315)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [Eric Mellino (192)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)
- * [Hugh Bellamy (166)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)
- * [Wes Haggard
- (134)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
- * [Jose Perez Rodriguez
- (123)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)
- *
- [Ian Hays (114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)
- * [Santiago Fernandez Madero
- (114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)
- * [Lakshmi Priya Sekar
- (109)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)
- * [Bart De Smet (99)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com>)
- * [Dan Moseley (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- * [James Ko (95)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jamesqko@gmail.com>)
- * [Jan Kotas (84)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)
- * [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
- * [Anthony Langsworth

(78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)

- * [Jeremy Barton
- (76)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)
- * [Viktor Hofer (75)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- * [Liudmila Molkova
- (71)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)
- * [Krzysztof Wicher (70)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)
- * [Alex Perovich (66)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
- * [sepidehMS (64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
- * [Jeremy Kuhne
- (64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)
- * [Tarek Mahmoud Sayed
- (63)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)
- * [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)
- * [danmosemsft (55)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- *
- [Justin Van Patten (54)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)
- * [Atsushi Kanamori
- (53)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)
- * [Karel Zikmund
- (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- * [Stephen A. Imhoff (35)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)
- * [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)
- * [David Shulman
- (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)
- * [Matt Galbraith (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)
- * [Atsushi Kanamori
- (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)
- * [Matt Mitchell (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)
- *
- [Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)
- * [Davis Goodin (29)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)
- * [Alex Ghiondea
- (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)
- * [Cory Rivera (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)
- * [Krzysztof Wicher
- (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)
- * [Bart J.F. De Smet
- (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)
- * [Saurabh Singh
- (25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)
- * [Steve Harter
- (25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)
- *
- [Wes Haggard
- (25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)
- * [Gaurav Khanna (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

* [Tijoy Tom Kalathiparambil (23)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

* [Frederik Carlier (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

* [Alexander Radchenko (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

* [Santiago Fernandez (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferr@microsoft.com>)

* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)

* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

* [Huangli Wu (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

*

[FAREASTv-lijiay (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)

* [Koundinya Veluri (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

* [Ahson Ahmed Khan (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)

* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)

* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)

* [Will Dean (16)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk)

*

[Hyeongseok Oh (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

* [qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

* [Karel Zikmund (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

* [Sepideh Khoshnood (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Jiyoung Yun (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

* [Rama Krishnan Raghupathy (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com>)

* [Jiayi Li (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

* [Dennis "D.C." Dietrich (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

* [Matt Ellis (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

*

[Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)

* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)

* [Matt Galbraith (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

* [Caesar Chen (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)

* [Cristian Pop (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)

* [Hyung-Kyu Choi (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

* [Eric StJohn (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)

* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)

* [Tom Matouek (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

*

[tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

- * [Vance Morrison (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)
- * [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)
- * [Mandar Sahasrabudhe (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)
- * [Tarekm Mahmoud Sayed (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)
- * [Morgan Brown (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)
- * [Alex Ghiondea (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
- * [vsadov (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
- * [Pavel Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)
- * [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)
- * [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)
- * [Jan Vorlicek (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com>)
- * [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)
- * [chunseoklee (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)
- * [Gene Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)
- * [Vance Morrison (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com>)
- * [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com>)
- * [Rion Williams (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rionmonster@gmail.com>)
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- [Hanjoung Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)
- * [nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)
- * [Brahmnes Fung (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com>)
- * [Carol Wang (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- * [Ben Adams (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)
- * [wtgodbe (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com>)
- * [Darren Hoehna (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)
- * [Davis Goodin (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)
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- [Marek Linka (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com>)
- * [Michael Simons (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com>)
- * [stone-li (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)
- * [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)
- * [Jonghyun Park (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com>)
- * [Cristian Pop (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)
- * [Lakshmi Priya Sekar (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)
- * [Robert Anderson (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)
- * [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)

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 [Anton Lapounov
 (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)
 * [Eric Erhardt (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
 * [Peter Marcu (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)
 * [Egor Bogatov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)
 * [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
 * [Adam Friedman
 (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)
 * [Hyeongseok Oh
 (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
 * [loulouqun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=loulouqun@hotmail.com>)
 * [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)
 * [Nick Guerrera
 (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)
 * [Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)
 * [Julien Couvreur
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 * [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)
 * [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)
 * [the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)
 * [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)
 * [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)
 * [Stanislav Ushakov
 (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)
 * [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)
 *
 [stephenmichaelf
 (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)
 * [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)
 * [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
 * [huanwu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)
 * [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)
 * [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)
 * [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)
 * [JimboWei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-wjiang@microsoft.com>)
 * [JayG (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jguady@users.noreply.github.com>)
 * [Jonathan Mezach
 (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonathanmezach@gmail.com>)
 * [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)
 * [Joseph Musser (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)
 * [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)
 * [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferr@SAFERNMAIN>)
 * [AlexGhiondea
 (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
 * [Yanbo Gu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)
 * [Frdrick Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)
 * [Youp Hulsebos

(3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp_hulsebos_@hotmail.com)

- * [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)
- *
- [Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)
- * [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)
- * [Austin Wise (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)
- * [Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)
- * [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)
- * [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)
- * [v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)
- * [Stephen Cleary
- (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)
- * [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)
- *
- [geoffkizer (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)
- * [Bruce Bowyer-Smyth
- (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)
- * [yaelkeemink (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaelkeemink@gmail.com>)
- * [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)
- * [Attila Hajdrik (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=athajdri@microsoft.com>)
- * [Axel Heer (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=axel@heer.eu>)
- * [Brian Robbins (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com>)
- * [Caesar Chen
- (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)
- * [Felipe Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)
- * [Gaurav Khanna (CLR)
- (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)
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- [Hyung-Kyu Choi
- (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)
- * [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)
- * [Koundinya Veluri
- (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)
- * [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com>)
- * [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)
- * [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)
- * [Michal Strehovsk
- (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)
- * [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mikem@microsoft.com>)
- * [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)
- *
- [Peter Toonen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter@toonen.io>)
- * [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)
- * [Shiming Ge (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-shige@microsoft.com>)
- * [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@microsoft.com>)
- * [Tarun Pothulapati
- (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)
- * [Viacheslav Ivanov

(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

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

* [ahsonkhan (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com)

* [ahsonkhan

(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

*

[cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)

* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)

* [smile21prc (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

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

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

* [Olaf Keijsers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=olaf@keijsers.org>)

* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)

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

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

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

* [Sergio Parra Guerra

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com)

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

* [Shimmy

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com>)

* [Mike van Dongen

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github@mikevandongen.nl>)

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

* [Matthew Parkinson

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

* [Martin Woodward

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

*

[Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)

* [Martin Scholz

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)

* [Martin Lapierre

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapierre@devinstinct.com)

* [MarkusSintonen

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=markus.sintonen@gmail.com>)

* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)

* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

* [Steve Franceschelli

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

* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)

* [Mariana Rios Flores

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

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

* [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)

* [tdupont750 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com>)

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

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

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

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

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

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

* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

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

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

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

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

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

* [Tyler Brinkley (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)

* [Jorge J. de la Fuente (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)

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

* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)

* [Jiang Zeng (Pactera Technologies Inc (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)

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

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

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

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

* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)

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

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[Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)

* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)

* [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>)

* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [Yi Zhang (CLR (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

* [Alexandre Mutel (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com)

* [Fredrik Histher Rasch
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)

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

*

[varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)

* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)

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

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

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

* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

* [costahome (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com)

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

*

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

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

* [dnickless (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net>)

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

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

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

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

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

* [Caio Cesar Saldanha Maia Orejuela
Kinelski(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)

*

[Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)

* [jlanng (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=james@jlrc.co.uk>)

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

* [Alexander Kplinger
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

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

* [Benjamin Bartels
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)

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

*

[Andrey Kurdyumov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)

* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)

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

* [Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

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

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

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

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

- * [Paul Westcott (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com>)
- *
- [Paul Harrington
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com>)
- * [Omar Tawfik
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)
- * [Robert Matuszewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com>)
- * [Robert Sk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosek@tlen.pl>)
- * [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sahie.park@samsung.com>)
- * [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)
- * [Olof Olsson
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

WCF

- * [Stephen Bonikowsky (82)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- * [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)
- *
- [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- * [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [KKhurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- * [hongdai (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- * [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- * [Zhenlan Wang (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- * [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- * [Shin Mao (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- * [Matt Connew (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- * [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitche@microsoft.com>)
- *
- [Tarek Mahmoud Sayed (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com>)
- * [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.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>)
- * [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- * [Carol Wang (Inspur Worldwide Services Ltd)
- (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- * [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)
- * [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

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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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</br>

aspnetcore

</br>

[johluo@microsoft.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)

</br>[Adam Sitnik (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adam.sitnik@gmail.com>)

</br>[Adrian Wright

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adrian@compiledcoding.co.uk>)

</br>[Adrian Wright

(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47532258+adrianwright109@users.noreply.github.com>)

</br>[Ajay Bhargav

(16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)

</br>[Ajay Bhargav

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)

</br>[Ajay Bhargav

(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajaybhargavb@gmail.com>)

</br>[Alessio Franceschelli

(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=alessio@franceschelli.me>)

</br>[Alexey Ananyev

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hypercodeplace@users.noreply.github.com>)

</br>[Andrew J (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrewjsaid@gmail.com>)

</br>[Andrew Stanton-Nurse

(29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrew@stanton-nurse.com>)

</br>[Andrii Kurdiumov

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kant2002@gmail.com>)

</br>[AndriySvyryd

Andriy.Svyryd@microsoft.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com>)

</br>[Andr Silva (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre_ss6@hotmail.com)

</br>[Anirudh Agnihotry
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)

</br>[ar0311 arogers0311@gmail.com
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=arogers0311@gmail.com>)

</br>[Artak 34246760+mkArtakMSFT@users.noreply.github.com
(40)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34246760+mkArtakMSFT@users.noreply.github.com>)

</br>[Artak Mkrtchyan
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artakm@corp.microsoft.com>)

</br>[Artyom Tarasov
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artar94@users.noreply.github.com>)

</br>[Barry Dorrans
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=github.com@idunno.org>)

</br>[Ben Adams
(15)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thundercat@illyriad.co.uk>)

</br>[Bharat Kumar
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pavinan@users.noreply.github.com>)

</br>[Brady Gaster
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41929050+bradygaster@users.noreply.github.com>)

</br>[Brennan brecon@microsoft.com
(154)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)

</br>[Brennan Conroy
(12)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)

</br>[BrennanConroy brecon@microsoft.com
(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)

</br>[Brian Surowiec (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brian@13degrees.com>)

</br>[brianchance bchance@gmail.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=bchance@gmail.com>)

</br>[Brice
Lambson (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brice@bricelam.net>)

</br>[Bruce Adams
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=5435504+badamsdev@users.noreply.github.com>)

</br>[ccvca ccvca@users.noreply.github.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ccvca@users.noreply.github.com>)

</br>[Chris Oliver (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cado82@gmail.com>)

</br>[Chris Pickford
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chris@luminousuk.com>)

</br>[Chris R (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@outlook.com>)

</br>[Chris Ross (4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chcross@microsoft.com>)

</br>[Chris Ross (69)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@Outlook.com>)

</br>[Chris
Sainty
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrissainty@users.noreply.github.com>)

</br>[Chris Sienkiewicz
(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chsienki@microsoft.com>)

</br>[Christian Kadluba
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10721825+ckadluba@users.noreply.github.com>)
</br>[Christian Wenz (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=christian@wenz.org>)
</br>[Christian Wenz
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=info@christianwenz.de>)
</br>[Christopher Haws (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cribs2@gmail.com>)
</br>[Cdric Luthi (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cedric.luthi@gmail.com>)
</br>[Dairai Nyabando
(9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dnyabando@g.harvard.edu>)
</br>[Dan Friedman
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dan@fantasticfriedmans.com>)
</br>[Dan
Moseley (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=danmose@microsoft.com>)
</br>[Daniel Abbatt
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daniel.abbatt@mail.com>)
</br>[Daniel Eisterhold
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=deisterhold@users.noreply.github.com>)
</br>[Daniel Roth (6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daroth@microsoft.com>)
</br>[David Fowler (29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=davidfowl@gmail.com>)
</br>[David Melendez
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dlmelendez@users.noreply.github.com>)
</br>[davidnx 44079650+davidnx@users.noreply.github.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=44079650+davidnx@users.noreply.github.com>)
</br>[Dawid Szmidka
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dawid.szmidka@gmail.com>)
</br>[Dennis
Daume (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dennis@getmimo.com>)
</br>[Doug Bunting
(142)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6431421+doughbu@users.noreply.github.com>)
</br>[Eddy Nakamura
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ednakamu@microsoft.com>)
</br>[Eddy Nakamura
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eddynaka@gmail.com>)
</br>[Edward Neal
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=55035479+edwardneal@users.noreply.github.com>)
</br>[Epsitha Ananth
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)
</br>[Erhan Atesoglu
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)
</br>[Eric Erhardt
(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eric.erhardt@microsoft.com>)
</br>[Filip

Staffa (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=filip.staffa@gmail.com>)
 </br>[Franklin Tse
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=FranklinWhale@users.noreply.github.com>)
 </br>[George 1641829+finsharp@users.noreply.github.com
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1641829+finsharp@users.noreply.github.com>)
)
 </br>[Giuseppe Campanelli
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=suprememilanfan@gmail.com>)
 </br>[Grahame Horner
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=grahamehorner@users.noreply.github.com>)
 </br>[Greg Ingram (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shaggygi97@gmail.com>)
 </br>[Guillaume Nury
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GuillaumeNury@users.noreply.github.com>)
 </br>[Gnther Foidl (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=gue@korporal.at>)
 </br>[Hans
 Bakker (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hansmbakker+github@gmail.com>)
 </br>[Hao Kung
 (75)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=HaoK@users.noreply.github.com>)
 </br>[Haytam Zanid
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34218324+zHaytam@users.noreply.github.com>)
 m)
 </br>[Helgevold Consulting,
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=torgeirh@hotmail.com>)
 </br>[Huei Feng (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=695979933@qq.com>)
 </br>[Huei Feng
 (6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34702552+hueifeng@users.noreply.github.com>)
 m)
 </br>[huysentruitw wouter_huysentruit@hotmail.com
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter_huysentruit@hotmail.com)
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 </br>[itminus
 webbot@sina.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=webbot@sina.com>)
 </br>[Ivan Maximov (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sungam3r@yandex.ru>)
 </br>[Ivan Zub (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zub.ivan@gmail.com>)
 </br>[Jacques Eloff
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=joeloff@users.noreply.github.com>)
 </br>[James Newton-King
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=James.NewtonKing@microsoft.com>)
 </br>[James Newton-King
 (74)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=james@newtonking.com>)
 </br>[Jan Jone (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jjones@outlook.cz>)
 </br>[Jan-Willem Spuij
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jws@birdseyeview.nl>)
 </br>[Jason Bailey
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=accounts@sidewaysgravity.com>)
 </br>[Javier

Calvarro (79)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jacalvar@microsoft.com)
 </br>[JC Aguilera (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juanam@microsoft.com)
 </br>[Jean-Marc Prieur
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jmprieur@microsoft.com)
 </br>[JLeczycki jalec18@wp.pl
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jalec18@wp.pl)
 </br>[John Luo (127)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com)
 </br>[Jonathan vanillajonathan@users.noreply.github.com
 (9)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com)
 </br>[Joni jonijpn@gmail.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jonijpn@gmail.com)
 </br>[Josh Dadak
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Bigtalljosh@users.noreply.github.com)
 </br>[Juan Barahona
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=barahonajm@outlook.com)
 </br>[Juan Hoyos
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juan.hoyos@microsoft.com)
 </br>[juanam jcagme@gmail.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jcagme@gmail.com)
 </br>[Julio Avellaneda
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito_gtu@hotmail.com)
 </br>[Julius jfheins@users.noreply.github.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jfheins@users.noreply.github.com)
 </br>[Justin Kotalik
 (37)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jkotalik12@gmail.com)
 </br>[Justin Kotalik
 (43)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jukotali@microsoft.com)
 </br>[Kahbazi a.kahbazi@gmail.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=a.kahbazi@gmail.com)
 </br>[Kahbazi A.Kahbazi@gmail.com
 (47)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=A.Kahbazi@gmail.com)
 </br>[Kamron
 Batman
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3953314+kamronbatman@users.noreply.github.com)
 </br>[kapsiR kapsiR@users.noreply.github.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kapsiR@users.noreply.github.com)
 </br>[Keiichi IGUCHI (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=keiichi@kei-1.jp)
 </br>[Ken Dale (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ken@kendaleiv.com)
 </br>[Ken Egozi (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mail@kenegozi.com)
 </br>[Kevin Pilch (20)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinpi@microsoft.com)
 </br>[Kevin Pilch (8)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=me@pilchie.com)
 </br>[Kirill Osenkov
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=KirillOsenkov@users.noreply.github.com)
 </br>[Kirk
 Larkin
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6025110+serpent5@users.noreply.github.com)
 m)

</br>[kunal mehta (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehta.kuns@gmail.com>)

</br>[Kvin Chalet (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinchalet@gmail.com>)

</br>[lancehilliard lance@digitalcreations.cc
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lance@digitalcreations.cc>)

</br>[lark lilinghui@gmail.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lilinghui@gmail.com>)

</br>[Larry Ewing (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lewing@microsoft.com>)

</br>[Lars Hanisch
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=flensrocker@users.noreply.github.com>)

</br>[Levi Broderick
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com>)

</br>[Luke
Pfeiffer (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lpfeiff10@gmail.com>)

</br>[Mackinnon Buck
(19)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mackinnon.buck@gmail.com>)

</br>[Maher Jendoubi
(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=maher.jendoubi@gmail.com>)

</br>[Mark Seemann (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mark@ploeh.dk>)

</br>[Markus Rodler
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Markus.Rodler@live.de>)

</br>[Marlon Regenhart
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=marlon.r@hotmail.de>)

</br>[marlongerson 48413285+marlongerson@users.noreply.github.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=48413285+marlongerson@users.noreply.github.com>)

</br>[Martin Costello
(20)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=martin@martincostello.com>)

</br>[Matt Mitchell
(24)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Matyas
Richter (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=matyas.richter@gmail.com>)

</br>[Max Horstmann
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=max.horstmann@gmail.com>)

</br>[Mehmet Can
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehmetcankamar@gmail.com>)

</br>[Michael Randers-Pehrson
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.rp@gmail.com>)

</br>[Michael Stuckey
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.stuckey@gmail.com>)

</br>[Michelle Tan
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41475767+MichelleTanPY@users.noreply.github.com>)

</br>[Michiel van (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=windsunrain@gmail.com>)

</br>[Miha Zupan
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)

</br>[Mike

Lloyd (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike@reboot3times.org>)
 </br>[mikeo52 mike.oliver.jobs@gmail.com
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike.oliver.jobs@gmail.com>)
 </br>[Miroslav Jezik
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=miroslav.jezik@medtronic.com>)
 </br>[Miroslav Kova
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=18582187+MiroKov@users.noreply.github.com>)
 </br>[Mladen Macanovi
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mladen.macanovic@gmail.com>)
 </br>[N. Taylor (16))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nimullen@microsoft.com>)
 </br>[Nicholas P (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nnelson1@insight.rr.com>)
 </br>[Nick Kirby (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nrkirb@gmail.com>)
 </br>[nickraphael nick.raaphael@gmail.com
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nick.raaphael@gmail.com>)
 </br>[Ninds narinder.claire@gmail.com
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=narinder.claire@gmail.com>)
 </br>[Noah Falk
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=noahfalk@users.noreply.github.com>)
 </br>[nufiko michal.ufnal+git@gmail.com
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michal.ufnal+git@gmail.com>)
 </br>[nymitr nymitr@gmail.com
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nymitr@gmail.com>)
 </br>[Omair Majid (2))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=omajid@redhat.com>)
 </br>[Odej torc (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=storc.1998@gmail.com>)
 </br>[pagan-gerbil pete@pagan-gerbil.net
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pete@pagan-gerbil.net>)
 </br>[Patrick Goode
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pgoode75@sbcglobal.net>)
 </br>[Pavel
 Voronin (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=voroninp@gmail.com>)
 </br>[Phil Henning
 (2))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=phenning@microsoft.com>)
 </br>[Phillip Carter (3))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pcarter@fastmail.com>)
 </br>[Piotr Baejewicz
 (3))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=peterblazejewicz@users.noreply.github.com>)
 </br>[PJ Evans (2))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pj.evans@hcmint.com>)
 </br>[Pranav K (344))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@hotmail.com>)
 </br>[Pranav Krishnamoorthy
 (4))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@microsoft.com>)
 </br>[Rachel Shaffer (2))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rashaf@microsoft.com>)
 </br>[Radek Falhar
 (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Euphoric@users.noreply.github.com>)
 </br>[Rick Anderson (1))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3605364+Rick-Anderson@users.noreply.github.com>)
 </br>[Roman Marusyk
 (6))(<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Marusyk@users.noreply.github.com>)
 </br>[Ryan Brandenburg

(30)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rybrande@microsoft.com)
 </br>[Ryan Nowak (18)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nowakra@gmail.com)
 </br>[Ryan Rowse (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ryan.rowse@gmail.com)
 </br>[Safia Abdalla (69)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@microsoft.com)
 </br>[Safia Abdalla (7)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@safia.rocks)
 </br>[Sam Harwell
 (6)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Sam.Harwell@microsoft.com)
 </br>[samsosa
 32570890+samsosa@users.noreply.github.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=32570890+samsosa@users.noreply.github.com)
 </br>[sanyam142mittal sanyam142mittal@gmail.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sanyam142mittal@gmail.com)
 </br>[Sayed Ibrahim
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sayed.hashimi@gmail.com)
 </br>[Scott Addie
 (9)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10702007+scottaddie@users.noreply.github.com)
 </br>[Sean G. (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sean@seangwright.me)
 </br>[Sean Killeen (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SeanKilleen@gmail.com)
 </br>[Sedat Kapanoglu
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ssg@users.noreply.github.com)
 </br>[Sergey Bakulin
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sergey.bakulin.github@gmail.com)
 </br>[SIkebe
 SIkebe@users.noreply.github.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SIkebe@users.noreply.github.com)
 </br>[Smit Patel
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smitpatel@users.noreply.github.com)
 </br>[softworkz softworkz@hotmail.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=softworkz@hotmail.com)
 </br>[Sourabh Shirhatti
 (5)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shirhatti@outlook.com)
 </br>[SQL-MisterMagoo mister.magoo+githubsql@gmail.com
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mister.magoo+githubsql@gmail.com)
 </br>[Stafford Williams
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=staff0rd@users.noreply.github.com)
 </br>[Stefan Rajkovic
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stefan@stefanrajkovic.com)
 </br>[Stephan Troyer (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stephantroyer@live.at)
 </br>[Stephen
 Halter (43)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=halter73@gmail.com)
 </br>[Stephen Lorello
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=42971704+slorello89@users.noreply.github.com)
 </br>[Steve hez2010@outlook.com
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hez2010@outlook.com)
 </br>[Steve Gordon (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sgordon@hotmail.co.uk)

</br>[Steve Sanderson
(89)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com>)
</br>[Steven Maglio (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smaglio81@gmail.com>)
</br>[Sbastien Ros (8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sebastienros@gmail.com>)
</br>[Tanay Parikh
(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=TanayParikh@users.noreply.github.com>)
</br>[Tanya
hey@tanyado.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hey@tanyado.com>)
</br>[TeBeCo tebeco@gmail.com
(5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tebeco@gmail.com>)
</br>[Thays Grazia (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thaystg@gmail.com>)
</br>[thetownfool thetownfool@gmail.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thetownfool@gmail.com>)
</br>[Thomas Levesque
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com>)
</br>[Tibor Tth (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=totht91@gmail.com>)
</br>[Todd Grunke
(18)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=toddgrun@microsoft.com>)
</br>[Tom Deseyn (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tom.deseyn@gmail.com>)
</br>[Vasilev Pyotr (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vahpetr@gmail.com>)
</br>[Vaughan
Reid (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vaughanreid@gmail.com>)
</br>[Victor Lindespang
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=36196344+lindespang@users.noreply.github.com>)
</br>[Vladimir Samoilenko
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wsamprof@gmail.com>)
</br>[Vyacheslav Napadovsky
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=napadovskiy@gmail.com>)
</br>[Wayne Adams
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Valks@users.noreply.github.com>)
</br>[Will Godbe
(27)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com>)
</br>[Will (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=doggy.huang@gmail.com>)
</br>[William Godbe
(99)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com>)
</br>[witskeeper
witskeeper@gmail.com
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=witskeeper@gmail.com>)
</br>[wtgodbe wigodbe@microsoft.com
(8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com>)
</br>[WuYafeng yafeng.wu@outlook.com
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=yafeng.wu@outlook.com>)
</br>[Youssef Victor
(5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com>)

</br>[Zachary Becknell
 (4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zbecknell@users.noreply.github.com>)
 </br>[ZeBobo5 ZeBobo5@users.noreply.github.com
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ZeBobo5@users.noreply.github.com>)
 </br>
 ## efc core

</br>[liveowl liveowl@outlook.com
 (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=liveowl@outlook.com>)
 </br>[ajcvickers ajcvickers@hotmail.com
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com>)
 </br>[Alaa
 Masoud (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=alaa.masoud@live.com>)
 </br>[Aleksandar Manukov
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=34056917+aleksandar-manukov@users.noreply.github.com>)
 </br>[Aleksei pankraty@gmail.com
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=pankraty@gmail.com>)
 </br>[Alex Fanat (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=alex.fanat@smus.ca>)
 </br>[Alexander Tschner
 (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=AlexanderTaeschner@users.noreply.github.com>)
 </br>[Alexey Dvoretzkiy (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=dvoreckyya@mail.ru>)
 </br>[Andriy Svyryd
 (100)](<https://github.com/dotnet/efcore/commits/release/5.0?author=AndriySvyryd@users.noreply.github.com>)
 </br>[AndriySvyryd Andriy.Svyryd@microsoft.com
 (46)](<https://github.com/dotnet/efcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com>)
 </br>[Arthur
 Vickers (164)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com>)
 </br>[bdebaere brechtdebaere@yahoo.com
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=brechtdebaere@yahoo.com>)
 </br>[Ben McCallum
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ben.mccallum@live.com.au>)
 </br>[Brice Lambson (89)](<https://github.com/dotnet/efcore/commits/release/5.0?author=brice@bricelam.net>)
 </br>[Christopher Costa (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=chcosta@microsoft.com>)
 </br>[Christopher Haws (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=cribs2@gmail.com>)
 </br>[Cdrlic Luthi (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=cedric.luthi@gmail.com>)
 </br>[Dan Moseley (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=danmose@microsoft.com>)
 </br>[Doug Bunting
 (22)](<https://github.com/dotnet/efcore/commits/release/5.0?author=6431421+doughbu@users.noreply.github.com>)
 </br>[Epsitha
 Ananth
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)
 </br>[Eric St-Georges
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=EricStG@users.noreply.github.com>)
 </br>[Erik Ejlskov
 (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ErikEJ@users.noreply.github.com>)
 </br>[ErikEJ ejlskov@hotmail.com

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ejlskov@hotmail.com>)
 </br>[Ivan Maximov (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=sungam3r@yandex.ru>)
 </br>[Ivaylo Kenov (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ivaylo.kenov@gmail.com>)
 </br>[Jacob Viau (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=javia@microsoft.com>)
 </br>[Jacob Viau (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jviau@ualberta.ca>)
 </br>[Jasper Hedegaard
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jasperhb@outlook.com>)
 </br>[Jeffrey Svajlenko
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jeff.svajlenko@gmail.com>)
 </br>[Jeremy Zagorski (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jmzagorski@gmail.com>)
 </br>[Jiri Cincura (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net>)
 </br>[Jiri Cincura (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net>)
 </br>[John Luo (5)](<https://github.com/dotnet/efcore/commits/release/5.0?author=johluo@microsoft.com>)
 </br>[Jon Louie (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jlouie3@gmail.com>)
 </br>[Jonathan vanillajonathan@users.noreply.github.com
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com>)
 </br>[Josh Studt
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=32800478+orionstudt@users.noreply.github.com>)
 </br>[Justin
 Kotalik (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jkotalik12@gmail.com>)
 </br>[Kaloyan Kostov
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=kaloyan.kostov@yahoo.com>)
 </br>[Kaloyan Kostov
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=kkostov.kaloyan@gmail.com>)
 </br>[Kevin Pilch (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=me@pilchie.com>)
 </br>[Lajones lajones@users.noreply.github.com
 (50)](<https://github.com/dotnet/efcore/commits/release/5.0?author=lajones@users.noreply.github.com>)
 </br>[Laurence King
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=53393540+LaurenceJKing@users.noreply.github.com>)
 </br>[liweihan weihanli@outlook.com
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=weihanli@outlook.com>)
 </br>[lokalmatador 12415790+lokalmatador@users.noreply.github.com
 (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=12415790+lokalmatador@users.noreply.github.com>)
 </br>[manvydasu
 31101065+manvydasu@users.noreply.github.com
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=31101065+manvydasu@users.noreply.github.com>)
 </br>[Martin Boye
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=martinboyepetersen@hotmail.com>)
 </br>[Massimo Giambona
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=m4ss1m0g@users.noreply.github.com>)
 </br>[Matt Mitchell (11)](<https://github.com/dotnet/efcore/commits/release/5.0?author=mmitche@microsoft.com>)
 </br>[Matthew Lieder
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=lieder_matthew@hotmail.com)
 </br>[Matthias Lischka
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=matthiaslischka@users.noreply.github.com>)

</br>[maumar maumar@microsoft.com
 (34)](https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com)
 </br>[Maurycy Markowski
 (41)](https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com)
 </br>[Max
 K (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=knom@users.noreply.github.com)
 </br>[Michael Stuckey
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michael.stuckey@gmail.com)
 </br>[Mike Surcouf (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=mike@surcouf.co.uk)
 </br>[Mike Wodarczyk (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=mikew@drbronner.com)
 </br>[mmitche mmitche@microsoft.com
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=mmitche@microsoft.com)
 </br>[Neil Bostrom (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=github@silvergames.net)
 </br>[Nicolas Michels
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com)
 </br>[Ncolas Michels
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com)
 </br>[Paul Middleton
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=paul.w.middleton@gmail.com)
 </br>[Paulo
 Morgado
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com)
 </br>[Peter Huang (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ptjhuang@gmail.com)
 </br>[Philipp Zech (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=zech.ph@gmail.com)
 </br>[Rafael Almeida (4)](https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net)
 </br>[Rafael Almeida (5)](https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net)
 </br>[Roma Marusyk
 (11)](https://github.com/dotnet/efcore/commits/release/5.0?author=romamarusyk@gmail.com)
 </br>[Roman Marusyk
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=Marusyk@users.noreply.github.com)
 </br>[Sergei Khlebnikov
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=SergerGood@users.noreply.github.com)
 </br>[Shay Rojansky (120)](https://github.com/dotnet/efcore/commits/release/5.0?author=roji@roji.org)
 </br>[Smit
 Patel (318)](https://github.com/dotnet/efcore/commits/release/5.0?author=smitpatel@users.noreply.github.com)
 </br>[Stephen Vernyi (14)](https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com)
 </br>[Steve steve.vernyi@gmail.com
 (12)](https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com)
 </br>[Sven 6847381+svengance@users.noreply.github.com
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=6847381+svengance@users.noreply.github.com)
 </br>[Sbastien Ros (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=sebastienros@gmail.com)
 </br>[Thomas Levesque
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=thomaslevesque@users.noreply.github.com)
 </br>[Toni Wenzel
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=toni.wenzel@googlegmail.com)
 </br>[Turner Bass (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=turner@psypher9.com)
 </br>[Vlad

Dragnea (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=vlad.dragnea@gmail.com>)

</br>[Will Godbe (7)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>[William Godbe (24)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>[wtgodbe wigodbe@microsoft.com

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>

installer

</br>[akharlov harl_aa@skbkontur.ru

(3)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl_aa@skbkontur.ru)

</br>[Alexander Kplinger

(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com>)

</br>[Anirudh Agnihotry

(3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com>)

</br>[Bekir Ozturk

(14)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bozturk@microsoft.com>)

</br>[Brian Robbins

(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=brianrob@microsoft.com>)

</br>[Bruno

Logerfo (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bclogerfo@hotmail.com>)

</br>[Christopher Costa

(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=chcosta@microsoft.com>)

</br>[Dan Moseley

(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=danmose@microsoft.com>)

</br>[Daniel Plaisted

(12)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=daplaist@microsoft.com>)

</br>[Daniel Plaisted

(2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dsplaisted@gmail.com>)

</br>[Davis Goodin

(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dagood@users.noreply.github.com>)

</br>[Divino Csar (4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=divcesar@gmail.com>)

</br>[Epsitha Ananth

(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)

</br>[Eric

Erhardt (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)

</br>[Fadi Hanna (2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=fadim@microsoft.com>)

</br>[halex2005 harl_aa@skbkontur.ru

(2)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl_aa@skbkontur.ru)

</br>[Immo Landwerth

(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=immol@microsoft.com>)

</br>[Jacques Eloff

(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com>)

</br>[Jakub Jare (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com>)

</br>[Jan Kotas (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jkotas@microsoft.com>)

</br>[John Beisner

(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com>)
 </br>[Juan Hoyos
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juan.hoyos@microsoft.com>)
 </br>[Juan
 Sebastian (4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juan.s.hoyos@outlook.com>)
 </br>[Juan Sebastian
 (5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juhoyosa@microsoft.com>)
 </br>[juanam jcagme@gmail.com
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jcagme@gmail.com>)
 </br>[Livar Cunha
 (3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=licavalc@microsoft.com>)
 </br>[Livar Cunha (6)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=livar@live.com>)
 </br>[Lukas Lansky
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=lulansky@microsoft.com>)
 </br>[Manodasan Wignarajah
 (4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mawign@microsoft.com>)
 </br>[Marc Paine
 (3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=marcpop@microsoft.com>)
 </br>[Matt
 Mitchell (83)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com>)
 </br>[Michael Simons
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=msimons@microsoft.com>)
 </br>[mmitche mmitche@microsoft.com
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com>)
 </br>[Nick Guerrero
 (19)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nicholg@microsoft.com>)
 </br>[Nikola Milosavljevic
 (3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nikolam@microsoft.com>)
 </br>[nohwnd me@jakubjares.com
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com>)
 </br>[Omair Majid (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=omajid@redhat.com>)
 </br>[Phil Henning
 (2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=phenning@microsoft.com>)
 </br>[Pranav K (6)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=prkrishn@hotmail.com>)
 </br>[Sarabjot
 Singh (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sasin@microsoft.com>)
 </br>[Sarah Oslund
 (13)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)
 </br>[sfoslund sfoslund@microsoft.com
 (14)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)
 </br>[Symbai symbai@byom.de
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=symbai@byom.de>)
 </br>[Viktor Hofer
 (7)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com>)
 </br>[vsadov vsadov@microsoft.com
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=vsadov@microsoft.com>)
 </br>[William Godbe
 (7)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wigodbe@microsoft.com>)

</br>[William Li (65)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wul@microsoft.com)
 </br>[Zbynk
 Sailer (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)
 </br>
 ## runtime

 </br>[303248153 303248153@qq.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=303248153@qq.com)
 </br>[@ sunth0101@126.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sunth0101@126.com)
 </br>[a-zh 39411904+a-zh@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=39411904+a-zh@users.noreply.github.com)
 </br>[Aaron Hudon (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=aaron.hudon@gmail.com)
 </br>[Aaron Kunz (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=me@daxaholic.com)
 </br>[Aaron R (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=aarobins@microsoft.com)
 </br>[Aaron Robinson
 (59)](https://github.com/dotnet/runtime/commits/release/5.0?author=aarobins@microsoft.com)
 </br>[Abel Braaksma (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=abel.online@xs4all.nl)
 </br>[Adam
 Sitnik (27)](https://github.com/dotnet/runtime/commits/release/5.0?author=adam.sitnik@gmail.com)
 </br>[Adeel adeelbm@outlook.com
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com)
 </br>[Adeel Mujahid (63)](https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com)
 </br>[Ahmad Ibrahim (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ahmad.cdev@gmail.com)
 </br>[Ahmed Mohamed
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ahmed_master23@hotmail.com)
 </br>[Ahson Khan
 (14)](https://github.com/dotnet/runtime/commits/release/5.0?author=ahson_ahmedk@yahoo.com)
 </br>[Alaa Masoud (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=alaa.masoud@live.com)
 </br>[Alan Isaac (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=alan.pinkert@gmail.com)
 </br>[Alan West
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=3676547+alanwest@users.noreply.github.com)
 </br>[Aleksey
 Kliger (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=aleksey@lambdageek.org)
 </br>[Aleksey Kliger (32)](https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com)
 </br>[Aleksey Kliger (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com)
 </br>[Alessio Franceschelli
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=alessio@franceschelli.me)
 </br>[Alex Villarreal (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=alex@alexvy86.com)
 </br>[Alexander Koplinger
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com)
 </br>[Alexander Kplinger
 (149)](https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com)
 </br>[Alexander Nikolaev
 (38)](https://github.com/dotnet/runtime/commits/release/5.0?author=55398552+alnikola@users.noreply.github.com
)
 </br>[Alexander

Soldatov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=soldatov.a@samsung.com>)
 </br>[Alexander Speshilov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=speshuric@mail.ru>)
 </br>[Alexandre Mutel
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre_mutel@live.com)
 </br>[Alexey Golub (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tyrrrrrr@gmail.com>)
 </br>[Alexis Christoforides
 (21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alexis@thenull.net>)
 </br>[AlFas AlFasGD@users.noreply.github.com
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=AlFasGD@users.noreply.github.com>)
 </br>[Alfred Myers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=git@alfredmyers.com>)
 </br>[Alistair Evans (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alistairjevans@gmail.com>)
 </br>[Alois-xx akraus1@gmx.de
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=akraus1@gmx.de>)
 </br>[Anatoly
 Belyaev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tolya.msu@gmail.com>)
 </br>[Andrew Arnott
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewarnott@gmail.com>)
 </br>[Andrew Arnott
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Andrew.arnott@Microsoft.com>)
 </br>[Andrew Au (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cshung@gmail.com>)
 </br>[Andrew Au (57)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewau@microsoft.com>)
 </br>[Andrew Boyarshin
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrew.boyarshin@gmail.com>)
 </br>[Andrey Akinshin
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrey.akinshin@gmail.com>)
 </br>[Andrey Kurdyumov
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kant2002@gmail.com>)
 </br>[Andriy a.tsymbalistyi@outlook.com
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)
 </br>[Andriy
 Tsymbalistyi (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)
 </br>[Andy Ayers (75)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andya@microsoft.com>)
 </br>[Andy Gocke (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=angocke@microsoft.com>)
 </br>[Andy Hanson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anhans@microsoft.com>)
 </br>[Anipik anirudhagnihotry098@gmail.com
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)
 </br>[Anirudh Agnihotry
 (84)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)
 </br>[Ankit Jain (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=radical@gmail.com>)
 </br>[Anton Firszov
 (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Anton.Firszov@microsoft.com>)
 </br>[Anton Landor
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55381413+AntonLandor@users.noreply.github.com>)
 </br>[Anton Lapounov
 (27)](<https://github.com/dotnet/runtime/commits/release/5.0?author=antonl@microsoft.com>)
 </br>[Anton Vasiliev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=si1ver1502@gmail.com>)
 </br>[Anubhav Srivastava (2)]([---

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</div>
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ansri@microsoft.com)

</br>[Anubhav Srivastava

(5)](https://github.com/dotnet/runtime/commits/release/5.0?author=SrivastavaAnubhav@users.noreply.github.com)

</br>[AraHaan 15173749+AraHaan@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=15173749+AraHaan@users.noreply.github.com)

</br>[Arialdo Martini

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=arialdomartini@gmail.com)

</br>[asmichi asmichi@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=asmichi@users.noreply.github.com)

</br>[Austin

Wise (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=AustinWise@gmail.com)

</br>[Barry Dorrans (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=github.com@idunno.org)

</br>[Ben Adams (19)](https://github.com/dotnet/runtime/commits/release/5.0?author=thundercat@illyriad.co.uk)

</br>[benhall_io 3179852+benhall@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=3179852+benhall@users.noreply.github.com)

</br>[Benjamin Bartels (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=benjamin@bartels.dev)

</br>[Bernhard Urban-Forster

(26)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewurm@gmail.com)

</br>[Bill Wert (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=billwert@microsoft.com)

</br>[Bond-009 bond.009@outlook.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bond.009@outlook.com)

</br>[Borislav Ivanov

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bsivanov@users.noreply.github.com)

</br>[Brennan

brecon@microsoft.com

(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=brecon@microsoft.com)

</br>[Brian Bohe (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=t-brboh@microsoft.com)

</br>[Brian Friesen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=brian.friesen@gmail.com)

</br>[Brian Robbins (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=brianrob@microsoft.com)

</br>[Brian Sullivan (26)](https://github.com/dotnet/runtime/commits/release/5.0?author=briansul@microsoft.com)

</br>[Brian Walker

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=daddyman@users.noreply.github.com)

</br>[Brooke Philpott (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=brphilpott@yahoo.com)

</br>[Bruce Forstall (81)](https://github.com/dotnet/runtime/commits/release/5.0?author=brucefo@microsoft.com)

</br>[Bruno Garcia

(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=bruno@brunogarcia.com)

</br>[Buyaa bunamnan@microsoft.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com)

</br>[buyaa-n bunamnan@microsoft.com

(28)](https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com)

</br>[buyaa-n buyankhishig.namnan@microsoft.com

(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=buyankhishig.namnan@microsoft.com)

</br>[Calvin Buckley (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=calvin@cmpct.info)

</br>[Carlos Sanchez

(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com)

</br>[Carlos Sanchez

(30)](https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com)

om)

</br>[carlossanlop calope@microsoft.com
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=calope@microsoft.com)
 </br>[carlossanlop
 carlossanlop@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=carlossanlop@users.noreply.github.com)
 </br>[Carol Eidt (65)](https://github.com/dotnet/runtime/commits/release/5.0?author=carol.eidt@microsoft.com)
 </br>[Chandramouleswaran chandramouleswaran@gmail.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=chandramouleswaran@gmail.com)
 </br>[Chaojie 42886212+v-chayan@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=42886212+v-chayan@users.noreply.github.com)
 </br>[Charles Milette
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=charles.milette@gmail.com)
 </br>[Charles Stoner (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=chucks@microsoft.com)
 </br>[Cheena Malhotra (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=v-
 chmalh@microsoft.com)
 </br>[Chris R (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@outlook.com)
 </br>[Chris
 Ross (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@Outlook.com)
 </br>[Christian Hiersekorn
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=hiersekornc@users.noreply.github.com)
 </br>[Cijo Thomas (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=cithomas@microsoft.com)
 </br>[Clinton Ingram
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=clinton.ingram@outlook.com)
 </br>[Cody cojacfar@gmail.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=cojacfar@gmail.com)
 </br>[Cory Nelson (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=phrosty@gmail.com)
 </br>[Cdric Luthi (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=cedric.luthi@gmail.com)
 </br>[Dan Moseley (37)](https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com)
 </br>[Daniel Roth (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=daroth@microsoft.com)
 </br>[danmosemsft
 danmose@microsoft.com
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com)
 </br>[David Cantu (15)](https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com)
 </br>[David Cant (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com)
 </br>[David Fowler (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=davidfowl@gmail.com)
 </br>[David Mason
 (46)](https://github.com/dotnet/runtime/commits/release/5.0?author=davmason@microsoft.com)
 </br>[David Shulman
 (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=david.shulman@microsoft.com)
 </br>[David Wrighton
 (76)](https://github.com/dotnet/runtime/commits/release/5.0?author=davidwr@microsoft.com)
 </br>[Davis Goodin (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@microsoft.com)
 </br>[Davis Goodin
 (18)](https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@users.noreply.github.com)
 </br>[devsko
 devsko@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=devsko@users.noreply.github.com)

</br>[devtwogenies 49120331+devtwogenies@users.noreply.github.com
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=49120331+devtwogenies@users.noreply.github.com)
</br>[dhusemann drhent@hotmail.com
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=drhent@hotmail.com)
</br>[Dmitriy Maksimov
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=Dmitriy.Maksimov@gmail.com)
</br>[Dong-Heon Jung (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=clamp03@gmail.com)
</br>[Dong-Heon Jung
(9)](https://github.com/dotnet/runtime/commits/release/5.0?author=dheon.jung@samsung.com)
</br>[Dongbo Wang (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=dongbow@microsoft.com)
</br>[Doug Bunting
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=6431421+doughu@users.noreply.github.com)
</br>[Drew
Noakes (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=git@drewnoakes.com)
</br>[Drew Scoggins
(29)](https://github.com/dotnet/runtime/commits/release/5.0?author=anscoggi@microsoft.com)
</br>[Eddy Nakamura (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=eddynaka@gmail.com)
</br>[Eddy Nakamura
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=ednakamu@microsoft.com)
</br>[Edison Henrique (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=ehasis@hotmail.com)
</br>[Edward Brey (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=edward@breyfamily.net)
</br>[Edward Kazuya (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=kazuya@comcast.net)
</br>[Egor Bogatov (111)](https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com)
</br>[Egor Chesakov
(60)](https://github.com/dotnet/runtime/commits/release/5.0?author=Egor.Chesakov@microsoft.com)
</br>[EgorBo
egor@gmail.com (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=egor@gmail.com)
</br>[EgorBo egorbo@gmail.com
(40)](https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com)
</br>[Eirik Tsarpalis
(118)](https://github.com/dotnet/runtime/commits/release/5.0?author=eirik.tsarpalis@gmail.com)
</br>[eli-fin eyfinkel@gmail.com
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=eyfinkel@gmail.com)
</br>[Elinor Fung (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=elfung@microsoft.com)
</br>[Elinor Fung (64)](https://github.com/dotnet/runtime/commits/release/5.0?author=47805090+elinor-fung@users.noreply.github.com)
</br>[Emmanuel Andr
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=2341261+manandre@users.noreply.github.com)
</br>[Epsitha Ananth
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=47157394+epananth@users.noreply.github.com)
</br>[Erhan Atesoglu
(9)](https://github.com/dotnet/runtime/commits/release/5.0?author=47518605+eanova@users.noreply.github.com)
</br>[Eriawan Kusumawardhono
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=eriawan@live.com)
</br>[Eric Erhardt
(66)](https://github.com/dotnet/runtime/commits/release/5.0?author=eric.erhardt@microsoft.com)
</br>[Eric StJohn (40)](https://github.com/dotnet/runtime/commits/release/5.0?author=ericstj@microsoft.com)

</br>[Espen Rvik
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=espenrl@users.noreply.github.com>)
</br>[Eugene Rozenfeld
(35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=erozen@microsoft.com>)
</br>[Eugene Samoylov
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugenestmlv@gmail.com>)
</br>[Evgenii Stepanov
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugeni.stepanov@gmail.com>)
</br>[Fadi Hanna (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadi.mounir@outlook.com>)
</br>[Fadi
Hanna (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadim@microsoft.com>)
</br>[Fan Yang (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)
</br>[Fan Yang (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=52458914+fanyang-mono@users.noreply.github.com>)
</br>[fanyang-mono yangfan@microsoft.com
(10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)
</br>[Federico Zuccollo
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=federico.zuccollo@gmail.com>)
</br>[Felipe Pessoto
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=felipepessoto@hotmail.com>)
</br>[Felipe Pessoto (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fepessot@microsoft.com>)
</br>[Fernando Andreu
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2480661+fernandreu@users.noreply.github.com>)
)
</br>[Filip Navara (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=navara@emclient.com>)
</br>[Filip
Navara (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=filip.navara@gmail.com>)
</br>[Francesco Saltori
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=francescosaltori@gmail.com>)
</br>[Fraser Waters (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=frassle@gmail.com>)
</br>[FreddyD-GH 12990709+FreddyD-GH@users.noreply.github.com
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=12990709+FreddyD-GH@users.noreply.github.com>)
</br>[Frederik Carlier
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=frederik.carlier@quamotion.mobi>)
</br>[Fredrik Histher (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fredrik.rasch@gmail.com>)
</br>[Ganbarukamo41 ganbarukamo@gmail.com
(18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ganbarukamo@gmail.com>)
</br>[Geoff Kizer (19)](<https://github.com/dotnet/runtime/commits/release/5.0?author=geoffrek@microsoft.com>)
</br>[GeorgeAlexandria
giorgi.alexandria@gmail.com
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=giorgi.alexandria@gmail.com>)
</br>[Gleb Balykov (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=g.balykov@samsung.com>)
</br>[Gustavo Varo
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gugavaro@users.noreply.github.com>)
</br>[Grald Barr
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=meziantou@users.noreply.github.com>)
</br>[Gnther Foidl (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gue@korporal.at>)

</br>[Hamish Arblaster
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=hamarb123@gmail.com)
 </br>[handlespeed handlespeed@163.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=handlespeed@163.com)
 </br>[Hao Kung
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=HaoK@users.noreply.github.com)
 </br>[Heku jzd@live.cn
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jzd@live.cn)
 </br>[Henrik lassenn@gmail.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lassenn@gmail.com)
 </br>[Henrique Fernandes
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=henrique.baggio@outlook.com)
 </br>[Himanshu Soni (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=hsoni@tavisca.com)
 </br>[Honza Rame (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ramejan@gmail.com)
 </br>[Huang, Zhaoquan
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=zhaquan2008@hotmail.com)
 </br>[Hugh Bellamy (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=hughbellars@gmail.com)
 </br>[Huo Yaoyuan (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=huoyaoyuan@hotmail.com)
 </br>[Ilia ki.stfu@gmail.com
 (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com)
 </br>[Ilia K (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com)
 </br>[Ilya
 darpa@yandex.ru (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=darpa@yandex.ru)
 </br>[imhameed imhameed@microsoft.com
 (13)](https://github.com/dotnet/runtime/commits/release/5.0?author=imhameed@microsoft.com)
 </br>[Immo Landwerth (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=immo@landwerth.net)
 </br>[Immo Landwerth (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=immol@microsoft.com)
 </br>[Ivan ivanbuha@outlook.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ivanbuha@outlook.com)
 </br>[Ivan David (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com)
 </br>[Ivan Diaz (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com)
 </br>[Ivan Povazan
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=55002338+ivanpovazan@users.noreply.github.com)
 </br>[Jacob
 Lalonde (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=jjjlalonde@gmail.com)
 </br>[Jake Meiergerd (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jakenveina@gmail.com)
 </br>[Jakob Botsch
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=Jakob.botsch.nielsen@gmail.com)
 </br>[James Newton-King
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=james@newtonking.com)
 </br>[Jan Jahoda (15)](https://github.com/dotnet/runtime/commits/release/5.0?author=jajahoda@microsoft.com)
 </br>[Jan Kotas (208)](https://github.com/dotnet/runtime/commits/release/5.0?author=jkotas@microsoft.com)
 </br>[Jan Vorlicek (102)](https://github.com/dotnet/runtime/commits/release/5.0?author=janvorli@microsoft.com)
 </br>[Jared Parsons
 (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=jaredpparsons@gmail.com)
 </br>[Jarret Shook (33)](https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com)
 </br>[jashook jashoo@microsoft.com

(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com>)
 </br>[Jason Pugsley (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jason.pugsley@gmail.com>)
 </br>[Jay Krell (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jaykrell@microsoft.com>)
 </br>[Jeff Handley
 (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffhandley@users.noreply.github.com>)
 </br>[Jeff Schwartz (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffschw@microsoft.com>)
 </br>[Jeffrey Zhao (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffz@live.com>)
 </br>[Jeremy Barton (32)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jbarton@microsoft.com>)
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 (50)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jekoritz@microsoft.com>)
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 </br>[Jeroen
 Oortwijn
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=51476918+JeroenOortwijn@users.noreply.github.com>)
 </br>[JesperTreetop jesper.lindholm@treetop.se
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jesper.lindholm@treetop.se>)
 </br>[jeuxjeux20 jeuxjeux20@outlook.fr
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeuxjeux20@outlook.fr>)
 </br>[Jim Buck (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jim@jimbuck.io>)
 </br>[Jimmy Bogard
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jimmy.bogard@gmail.com>)
 </br>[Jo Shields (16)](<https://github.com/dotnet/runtime/commits/release/5.0?author=directhex@apebox.org>)
 </br>[Jo Shields (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshield@microsoft.com>)
 </br>[Johan Lorensen
 (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com>)
 </br>[John johnkellyoxford@gmail.com
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com>)
 </br>[John
 Kelly (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com>)
 </br>[John Luo (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johluo@microsoft.com>)
 </br>[John Salem (28)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josalem@microsoft.com>)
 </br>[John Smith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john@solrevdev.com>)
 </br>[John Tur (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john-tur@outlook.com>)
 </br>[Johonis jonas_kuntze@web.de
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jonas_kuntze@web.de)
 </br>[Jon Fortescue (18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jofortes@microsoft.com>)
 </br>[Jonathan Chambers
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joncham@gmail.com>)
 </br>[Jonathan Marler
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnnymarler@gmail.com>)
 </br>[Jonathan
 Peppers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonathan.peppers@gmail.com>)
 </br>[Joni jonijpn@gmail.com
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonijpn@gmail.com>)
 </br>[Jose Perez (21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joperezr@microsoft.com>)
 </br>[Joseph Musser (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@jnm2.com>)
 </br>[Josh Groves (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josh@joshgroves.com>)

</br>[Josh Schreuder
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshschreuder@gmail.com>)
</br>[Juan Hoyos (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juan.hoyos@microsoft.com>)
</br>[Juan Sebastian (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juhoyosa@microsoft.com>)
</br>[Julien Couvreur
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jcouv@users.noreply.github.com>)
</br>[Justin
Kotalik (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkotalik12@gmail.com>)
</br>[Kahbazi A.Kahbazi@gmail.com
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=A.Kahbazi@gmail.com>)
</br>[Karel Zikmund (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=karelz@microsoft.com>)
</br>[Katarzyna Buat (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-kabul@microsoft.com>)
</br>[Katelyn Gadd (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kg@luminance.org>)
</br>[Keith Kjer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjerkdev@gmail.com>)
</br>[Keith Newton
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bob_corillian@hotmail.com)
</br>[Kenneth Pouncey (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjpou@pt.lu>)
</br>[Kevin Jones (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevin@vcsjones.com>)
</br>[Kevin
Pilch (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevinpi@microsoft.com>)
</br>[Key Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=keyhyuk.kim@gmail.com>)
</br>[Kirill Frolov (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.frolov@samsung.com>)
</br>[klettier lettier.kevin@gmail.com
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lettier.kevin@gmail.com>)
</br>[Konstantin Baladurin
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.baladurin@gmail.com>)
</br>[Koundinya Veluri
(12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@users.noreply.github.com>)
</br>[Koundinya Veluri
(6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@microsoft.com>)
</br>[Kristian Hellang (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kristian@hellang.com>)
</br>[Krzysztof Bogacki
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=krzysztof.bogacki@leancode.pl>)
</br>[Krzysztof
Wicher (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mordotymoja@gmail.com>)
</br>[Krzysztof Wicher
(11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kwicher@microsoft.com>)
</br>[Kunal Pathak
(31)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Kunal.Pathak@microsoft.com>)
</br>[ladeak ladeak@windowslive.com
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ladeak@windowslive.com>)
</br>[Larry Ewing (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@microsoft.com>)
</br>[lateralusX lateralusx.github@gmail.com
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com>)
</br>[lateralusX lateralusX@users.noreply.github.com
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusX@users.noreply.github.com>)
</br>[Layomi Akinrinade
(84)](<https://github.com/dotnet/runtime/commits/release/5.0?author=laakinri@microsoft.com>)

</br>[LeaFrock
 LeaFrock@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=LeaFrock@users.noreply.github.com)
 </br>[Leandro A.
 (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com)
 </br>[Leandro Pereira
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com)
 </br>[Lee Coward (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=leecow@microsoft.com)
 </br>[Lennart Bruggemann
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lbrueggemann@outlook.com)
 </br>[Leslie Zhai (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=zhaixiang@loongson.cn)
 </br>[Levi Broderick
 (65)](https://github.com/dotnet/runtime/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com)
 </br>[Lewing lewing@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@users.noreply.github.com)
 </br>[lindexi
 lindexi@users.noreply.github.com
 (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=lindexi@users.noreply.github.com)
 </br>[Liudmila Molkova
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=lmolkova@microsoft.com)
 </br>[Loc Sharma (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sharma.loic@gmail.com)
 </br>[Lucas Trzesniewski
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lucas.trzesniewski@gmail.com)
 </br>[Luk Lnsk (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lukas@lansky.name)
 </br>[Mackinnon Buck
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mackinnon.buck@gmail.com)
 </br>[madmir 1119735+madmir@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=1119735+madmir@users.noreply.github.com)
 </br>[Maher Jendoubi
 (6)](https://github.com/dotnet/runtime/commits/release/5.0?author=maher.jendoubi@gmail.com)
 </br>[Maira
 Wenzel (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=mairaw@microsoft.com)
 </br>[Manish Godse
 (38)](https://github.com/dotnet/runtime/commits/release/5.0?author=61718172+mangod9@users.noreply.github.com)
 </br>[Manuel Pfemeter (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=m)
 </br>[Manuel Pfemeter
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=manne@users.noreply.github.com)
 </br>[Maoni Stephens
 (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=Maoni0@users.noreply.github.com)
 </br>[marcnet80 46241368+marcnet80@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=46241368+marcnet80@users.noreply.github.com)
 </br>[Marco Rossignoli
 (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=marco.rossignoli@gmail.com)
 </br>[Marcus Turewicz
 (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=24448509+marcusturewicz@users.noreply.github.com)

b.com)

</br>[Marek Habersack

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=grendel@twistedcode.net>)

</br>[Marek Safar (55)](<https://github.com/dotnet/runtime/commits/release/5.0?author=marek.safar@gmail.com>)

</br>[Marie Pchov

(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=11718369+ManickaP@users.noreply.github.com>)

</br>[Marie Pchov (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mapichov@microsoft.com>)

</br>[Marius Gundersen

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@mariusgundersen.net>)

</br>[Marius Ungureanu

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=teromario@yahoo.com>)

</br>[Marius Ungureanu (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=therzok@gmail.com>)

</br>[Martin Costello

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=martin@martincostello.com>)

</br>[Maryam Ariyan

(52)](<https://github.com/dotnet/runtime/commits/release/5.0?author=maryam.ariyan@microsoft.com>)

</br>[Mateo

Torres (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com>)

</br>[Mateo Torres-Ruiz

(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mateoatr@users.noreply.github.com>)

</br>[mateoatr matorre@microsoft.com

(9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com>)

</br>[Matt Connew (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mconnew@microsoft.com>)

</br>[Matt Galbraith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattgal@microsoft.com>)

</br>[Matt Galbraith

(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=MattGal@users.noreply.github.com>)

</br>[Matt Kotsenas

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Matt.Kotsenas@gmail.com>)

</br>[Matt Kotsenas (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattkot@microsoft.com>)

</br>[Matt Mitchell (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Matt

Smith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew.j.smith2@outlook.com>)

</br>[Matt Warren (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matt.warren@live.co.uk>)

</br>[Matthew R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew@centreboard.net>)

</br>[Mattias Karlsson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattias@devlead.se>)

</br>[Maxim Lipnin (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mlipnin@gmail.com>)

</br>[Maxim Lipnin (46)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-maxlip@microsoft.com>)

</br>[mayorovp mayorovp@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mayorovp@gmail.com>)

</br>[mdh1418 mdh1418@users.noreply.github.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mdh1418@users.noreply.github.com>)

</br>[Medeni Baykal

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=433724+Haplois@users.noreply.github.com>)

</br>[Michael

Katz

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45770613+microkatz@users.noreply.github.com>)

)

</br>[Michal Strehovsk
(67)](https://github.com/dotnet/runtime/commits/release/5.0?author=MichalStrehovsky@users.noreply.github.com)
</br>[Micha Bryka (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=michal.brylka@gmail.com)
</br>[Miha Zupan
(38)](https://github.com/dotnet/runtime/commits/release/5.0?author=mihazupan.zupan1@gmail.com)
</br>[Mika Lehtinen
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=Smibu@users.noreply.github.com)
</br>[Mike Danes (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com)
</br>[Mike McLaughlin
(24)](https://github.com/dotnet/runtime/commits/release/5.0?author=mikem@microsoft.com)
</br>[Mike Rousos (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mikerou@microsoft.com)
</br>[mikedn
onemihaid@hotmail.com
(13)](https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com)
</br>[Mikel Blanchard
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=mblanchard@macrosssoftware.com)
</br>[Mikhail Kurinnoi
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=m.kurinnoi@samsung.com)
</br>[Mikhail Kurinnoi
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=viewizard@viewizard.com)
</br>[Mikhail Pilin
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ww898@users.noreply.github.com)
</br>[minju 37239344+hiMinju@users.noreply.github.com
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=37239344+hiMinju@users.noreply.github.com)
</br>[Mitch Valenta (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mvalenta@live.com)
</br>[Mitchell Hwang
(40)](https://github.com/dotnet/runtime/commits/release/5.0?author=mitchhwang1418@gmail.com)
</br>[Mohammed Adenwala
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=adenwala@outlook.com)
</br>[monojenkins
jo.shields+jenkins@xamarin.com
(296)](https://github.com/dotnet/runtime/commits/release/5.0?author=jo.shields+jenkins@xamarin.com)
</br>[monojenkins releng@xamarin.com
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=releng@xamarin.com)
</br>[mrj001 62225294+mrj001@users.noreply.github.com
(6)](https://github.com/dotnet/runtime/commits/release/5.0?author=62225294+mrj001@users.noreply.github.com)
</br>[MSDN.WhiteKnight 35516665+MSDN-WhiteKnight@users.noreply.github.com
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=35516665+MSDN-WhiteKnight@users.noreply.github.com)
</br>[Mukul Sabharwal (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=muks@microsoft.com)
</br>[Natalia Kondratyeva
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=kondratyeva.ns@gmail.com)
</br>[Natalia Kondratyeva
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=knatalia@microsoft.com)
</br>[Nathan
Ricci (21)](https://github.com/dotnet/runtime/commits/release/5.0?author=naricc@microsoft.com)
</br>[nathan-moore nathanmoore424@gmail.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nathanmoore424@gmail.com>)
 </br>[Nelson Chen (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=crazysim@gmail.com>)
 </br>[Next Turn
 (30)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45985406+NextTurn@users.noreply.github.com>)
 </br>[Nicholas Orlowsky
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=38eui@protonmail.com>)
 </br>[Nick Craver (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=craver@stackoverflow.com>)
 </br>[Nick Craver (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nrcraver@gmail.com>)
 </br>[Nick Guerrero (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nicholg@microsoft.com>)
 </br>[Nico Kranz (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nico@kranz.space>)
 </br>[Nicolas
 Portmann (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ndportmann@gmail.com>)
 </br>[nietras nietras@users.noreply.github.com
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nietras@users.noreply.github.com>)
 </br>[Nikiforov Alexey (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nik-alekcey@yandex.ua>)
 </br>[Nikiforov Alexey
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikiforovalekcey@gmail.com>)
 </br>[Nikola Milosavljevic
 (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com>)
 </br>[Nikola Milosavljevic
 (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com>)
 </br>[Nikolay Sivov
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nsivov@codeweavers.com>)
 </br>[Nikolche Kolev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikolev@microsoft.com>)
 </br>[NN
 nn1436401@gmail.com
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nn1436401@gmail.com>)
 </br>[Noah Falk
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@users.noreply.github.com>)
 </br>[noahfalk noahfalk@microsoft.com
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@microsoft.com>)
 </br>[Oded Hanson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=odhanson@microsoft.com>)
 </br>[Oleksandr Tymoshenko
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gonzo@bluezbox.com>)
 </br>[Olivia Chen
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=51934529+ooooolivia@users.noreply.github.com>)
 </br>[Omair Majid (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=omajid@redhat.com>)
 </br>[Paul Westcott (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=p.westcott@gmail.com>)
 </br>[Paulo Morgado
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com>)
 </br>[Pent
 Ploompuu (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kaalikas@gmail.com>)
 </br>[Peter Sollich (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=petersol@microsoft.com>)
 </br>[pi1024e 49824824+pi1024e@users.noreply.github.com

(13)](https://github.com/dotnet/runtime/commits/release/5.0?author=49824824+pi1024e@users.noreply.github.com
)
</br>[Pieter-Jan Briers
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=pieterjan.briers@gmail.com)
</br>[Pranav K (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=prkrishn@hotmail.com)
</br>[Prashanth Govindarajan
(15)](https://github.com/dotnet/runtime/commits/release/5.0?author=prgovi@microsoft.com)
</br>[Pure Krome (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=github@world-domination.com.au)
</br>[Pemek Vysok
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=premek.vysoky@microsoft.com)
</br>[Qin
Li (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=qin.li@thetradedesk.com)
</br>[radical radical@users.noreply.github.com
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=radical@users.noreply.github.com)
</br>[Reza Jooyandeh
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mr.jooyandeh@gmail.com)
</br>[Rich Lander (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=rlander@microsoft.com)
</br>[Rikki Gibson (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=rigibson@microsoft.com)
</br>[rob313663 rob313663@gmail.com
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=rob313663@gmail.com)
</br>[Robert Henry (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=rrh.henry@gmail.com)
</br>[Robert Matuszewicz
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=robert.matuszewicz@protonmail.com)
</br>[Roman Marusyk
(23)](https://github.com/dotnet/runtime/commits/release/5.0?author=Marusyk@users.noreply.github.com)
</br>[Ross
Nelson (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ross.nelson@gmail.com)
</br>[Ryan Lucia (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ryan@luciaonline.net)
</br>[Ryan Lucia (75)](https://github.com/dotnet/runtime/commits/release/5.0?author=rylucia@microsoft.com)
</br>[Ryan Nowak (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=nowakra@gmail.com)
</br>[s0dyy msorin@msorin.com
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=msorin@msorin.com)
</br>[Safia Abdalla (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=safia@microsoft.com)
</br>[Sam Harwell
(12)](https://github.com/dotnet/runtime/commits/release/5.0?author=Sam.Harwell@microsoft.com)
</br>[Sam Patel
(5)](https://github.com/dotnet/runtime/commits/release/5.0?author=46026722+SamMonoRT@users.noreply.github.com)
</br>[Santiago Fernandez
(205)](https://github.com/dotnet/runtime/commits/release/5.0?author=safarn@microsoft.com)
</br>[Saurabh
Singh (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=saurabh.singh@microsoft.com)
</br>[Saurabh Singh (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=sausing@microsoft.com)
</br>[Scott Xu (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=scott-xu@msn.com)
</br>[Sean Hall (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=r.sean.hall@gmail.com)
</br>[Sean Killeen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=SeanKilleen@gmail.com)
</br>[Sergey Andreenko

(55)](<https://github.com/dotnet/runtime/commits/release/5.0?author=seandree@microsoft.com>)

</br>[Sergey Aseev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=serg046@outlook.com>)

</br>[Sergio Pedri (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sergio0694@live.com>)

</br>[Sergiy Kuryata (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sergeyk@microsoft.com>)

</br>[Serhii

Almazov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=almazik@gmail.com>)

</br>[Shay Rojansky (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=roji@roji.org>)

</br>[Shimmy 2716316+weitzhandler@users.noreply.github.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2716316+weitzhandler@users.noreply.github.com>)

</br>[Shubham Ranjan

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=shubhamranjan@users.noreply.github.com>)

</br>[Simon Nattress (34)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nattress@gmail.com>)

</br>[Sinan Kaya

(12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=41809318+franksinankaya@users.noreply.github.com>)

</br>[SingleAccretion 62474226+SingleAccretion@users.noreply.github.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=62474226+SingleAccretion@users.noreply.github.com>)

</br>[Sourabh Shirhatti (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=shirhatti@outlook.com>)

</br>[SRV

roman.sakno@gmail.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=roman.sakno@gmail.com>)

</br>[sschneider sschneider@overdrive.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sschneider@overdrive.com>)

</br>[Stefan Nikolei (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stefan@nikolei.eu>)

</br>[Stephen A. (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clockwork-muse@outlook.com>)

</br>[Stephen Bonikowsky

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stebon@microsoft.com>)

</br>[Stephen Halter (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=halter73@gmail.com>)

</br>[Stephen Toub (386)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stoub@microsoft.com>)

</br>[Steve Gordon (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sgordon@hotmail.co.uk>)

</br>[Steve

Harter (33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=steveharter@users.noreply.github.com>)

</br>[Steve MacLean

(52)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Steve.MacLean@microsoft.com>)

</br>[Steve Pfister

(30)](<https://github.com/dotnet/runtime/commits/release/5.0?author=steveisok@users.noreply.github.com>)

</br>[Steve Sanderson

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com>)

</br>[Steven Yeh (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=say25@cornell.edu>)

</br>[Stuart Lang (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stuart.b.lang@gmail.com>)

</br>[SUN Guoyun

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=40024232+sunny868@users.noreply.github.com>)

</br>[Sung Yoon (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=suwhang@microsoft.com>)

</br>[Sven Boemer (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sbomer@gmail.com>)

</br>[Swaroop
Sridhar (26)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Swaroop.Sridhar@microsoft.com>)
</br>[Swaroop Sridhar
(6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=swaroop.sridhar@microsoft.com>)
</br>[Swift Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=swift.kim@samsung.com>)
</br>[symphony symphony2014@users.noreply.github.com
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=symphony2014@users.noreply.github.com>)
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(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=66252296+t-mustafin@users.noreply.github.com>)
</br>[TalAloni tal.aloni.il@gmail.com
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tal.aloni.il@gmail.com>)
</br>[Tamar Christina
(11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=48126768+TamarChristinaArm@users.noreply.github.com>)
</br>[Tammy Qiu (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tammy.qiu@yahoo.com>)
</br>[Tanner
Gooding (50)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tagoo@outlook.com>)
</br>[Tanveer Gani (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45886079+tgani-msft@users.noreply.github.com>)
</br>[Tarek Mahmoud
(33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tarekms@microsoft.com>)
</br>[Tautvydas ilys
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tautvydas.zilys@gmail.com>)
</br>[Taylor Southwick (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tasou@microsoft.com>)
</br>[Thays Grazia (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@gmail.com>)
</br>[thaystg thaystg@users.noreply.github.com
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@users.noreply.github.com>)
</br>[Theodore Tsirpanis (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=12659251+teo-tsirpanis@users.noreply.github.com>)
</br>[Thomas
Gassmann (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thomas.gassmann@hotmail.com>)
</br>[Thomas Levesque
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com>)
</br>[Thorsten Reichert
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ThorstenReichert@users.noreply.github.com>)
</br>[Tim Heuer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tim@timheuer.com>)
</br>[Tlakaheel Axayakatl
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tlakaheel.ceja@microsoft.com>)
</br>[Tom Deseyn (22)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tom.deseyn@gmail.com>)
</br>[Tom McDonald
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tommcdon@microsoft.com>)
</br>[Tomas trylek@microsoft.com
(10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com>)
</br>[Tomas
Weinfurt (90)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com>)
</br>[Tomasz Kajetan

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tkstanczak@users.noreply.github.com)
 </br>[Tom Rylek (124)](https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com)
 </br>[ts2do tsdodo@gmail.com
 (14)](https://github.com/dotnet/runtime/commits/release/5.0?author=tsdodo@gmail.com)
 </br>[tub5 benrothermel@hotmail.co.uk
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=benrothermel@hotmail.co.uk)
 </br>[v-jizho2 v-jizho2@microsoft.com (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=v-jizho2@microsoft.com)
 </br>[vargaz vargaz@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@users.noreply.github.com)
 </br>[Viktor Hofer
 (156)](https://github.com/dotnet/runtime/commits/release/5.0?author=viktor.hofer@microsoft.com)
 </br>[Vitek Karas (17)](https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com)
 </br>[vitek-karas
 vitek.karas@microsoft.com
 (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com)
 </br>[Vivek Mishra (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=vivmishra@gmail.com)
 </br>[vivekbm 7387586+vivekbm@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=7387586+vivekbm@users.noreply.github.com)
 </br>[vivmishra vivmish@microsoft.com
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=vivmish@microsoft.com)
 </br>[Vlad Brezae (41)](https://github.com/dotnet/runtime/commits/release/5.0?author=brezaevlad@gmail.com)
 </br>[Vladimir Chirikov
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=vchirikov@servicetitan.com)
 </br>[Vladimir Sadov (40)](https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com)
 </br>[Vladislav Richter
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=shutdown256@gmail.com)
 </br>[vsadov
 vsadov@microsoft.com
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com)
 </br>[Va Tauer (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=vita@nothrow.cz)
 </br>[Werner Mairl (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=werner.mairl@gmail.com)
 </br>[wfurt tweinfurt@yahoo.com
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com)
 </br>[Will Dean (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=github_will@indcomp.co.uk)
 </br>[William Godbe (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=wigodbe@microsoft.com)
 </br>[William Li (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=wul@microsoft.com)
 </br>[WonYoung Choi
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=wy80.choi@samsung.com)
 </br>[wooooooooood 40855076+wooooooooood@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=40855076+wooooooooood@users.noreply.github.com)
 </br>[Wraith2
 wraith2@gmail.com (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=wraith2@gmail.com)
 </br>[xtqqczze 45661989+xtqqczze@users.noreply.github.com
 (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=45661989+xtqqczze@users.noreply.github.com)
 </br>[Yaakov yaakov-h@users.noreply.github.com
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=yaakov-h@users.noreply.github.com)

</br>[Yair Halberstadt
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yairhalberstadt@gmail.com>)
 </br>[Yaroslav Yamshchikov
 (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=y.yamshchiko@samsung.com>)
 </br>[Yoh Deadfall
 (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com>)
 </br>[YohDeadfall yoh.deadfall@hotmail.com
 (13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com>)
 </br>[Youssef
 Victor
 (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com>)
 </br>[yowl scott.waye@hubse.com
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=scott.waye@hubse.com>)
 </br>[Yuchong Pan
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yuchong.pan@alumni.ubc.ca>)
 </br>[Yuki Wong (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-kaywon@microsoft.com>)
 </br>[Zoltan Varga (108)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@gmail.com>)
 </br>[Zoltn Lehczy
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zoltan.lehoczky@lombiq.com>)
 </br>
 ## sdk

</br>[Aaron Robinson (6)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=arobins@microsoft.com>)
 </br>[Adam Sitnik (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adam.sitnik@gmail.com>)
 </br>[Adeel adeelbm@outlook.com
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com>)
 </br>[Adeel
 Mujahid (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com>)
 </br>[Alex Villarreal (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex@alexvy86.com>)
 </br>[Alexander Kplinger
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com>)
 </br>[Alfred Myers (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@alfredmyers.com>)
 </br>[Andy De
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=2672110+Thraka@users.noreply.github.com>)
 </br>[Andy Gocke (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=andy@commentout.net>)
 </br>[Andy Zivkovic
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkan@users.noreply.github.com>)
 </br>[Andy Zivkovic
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkovic.andy@gmail.com>)
 </br>[Anirudh Agnihotry
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anagniho@microsoft.com>)
 </br>[Anirudh
 Agnihotry (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com>)
 </br>[Anton Lapounov (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=antonl@microsoft.com>)
 </br>[anvillan anvillan@users.noreply.github.com
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anvillan@users.noreply.github.com>)
 </br>[Ben Villalobos

(1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=villalobosb93@gmail.com>)
 </br>[Ben Villalobos (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bevillal@microsoft.com>)
 </br>[Brad Wilson (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnetguy@gmail.com>)
 </br>[Brian Robbins (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=brianrob@microsoft.com>)
 </br>[Bruno Logerfo (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bclogerfo@hotmail.com>)
 </br>[Cristiano Suzuki (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=crsuzuki@microsoft.com>)
 </br>[Dan Moseley (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=danmose@microsoft.com>)
 </br>[Daniel Plaisted (159)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=daplaist@microsoft.com>)
 </br>[Daniel Plaisted (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dsplaisted@gmail.com>)
 </br>[David Kean (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=davkean@microsoft.com>)
 </br>[David Maas (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=contact@pathogenstudios.com>)
 </br>[Deep Choudhery (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=decho@microsoft.com>)
 </br>[Donnie Goodson (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=donnie.goodson@microsoft.com>)
 </br>[Drew Noakes (69)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@drewnoakes.com>)
 </br>[Eli Arbel (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=aelij@arbel.net>)
 </br>[Elinor Fung (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47805090+elinor-fung@users.noreply.github.com>)
 </br>[Enrico Sada (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=enrico@sada.io>)
 </br>[Epsitha Ananth (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)
 </br>[Eric Erhardt (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)
 </br>[Fadi Hanna (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=fadim@microsoft.com>)
 </br>[Forgind Forcind@users.noreply.github.com (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com>)
 </br>[Gennadii Altukhov (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=grinrag@gmail.com>)
 </br>[Huo Yaoyuan (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=huoyaoyuan@hotmail.com>)
 </br>[Immo Landwerth (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=immol@microsoft.com>)
 </br>[Jacques Eloff (16)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com>)
 </br>[Jakub Jare (9)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com>)
 </br>[Jason Zhai (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=AzureTest@vwuzhai002.redmond.corp.microsoft.com>)
 </br>[jbeisner johnbeisner@microsoft.com (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@microsoft.com>)
 </br>[Jeremy Koritzinsky (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jekoritz@microsoft.com>)
 </br>[Joel Verhagen (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jver@microsoft.com>)
 </br>[John Beisner (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com>)
 </br>[John Luo (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johluo@microsoft.com>)
 </br>[Jonathon

Marolf (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@users.noreply.github.com>)
 </br>[Jonathon Marolf
 (52)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@microsoft.com>)
 </br>[Levi Broderick
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=GrabYourPitchforks@users.noreply.github.com>)
 </br>[Livar Cunha (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=licavalc@microsoft.com>)
 </br>[Livar Cunha (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=livar@live.com>)
 </br>[Lukas Grtzmacher (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=github@lg2.de>)
 </br>[Lukas Lansky (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lulansky@microsoft.com>)
 </br>[Luke Westendorf
 (12)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lukewest@microsoft.com>)
 </br>[Manish Vasani
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mavasani@microsoft.com>)
 </br>[Marc
 Paine (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com>)
 </br>[marcpopMSFT marcpop@microsoft.com
 (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com>)
 </br>[Martin Ruiz
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=43253759+martinrrm@users.noreply.github.com>)
 </br>[Matt Mitchell (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnet-bot@dotnetfoundation.org>)
 </br>[Matt Mitchell (66)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com>)
 </br>[Mikayla Hutchinson
 (10)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=m.j.hutchinson@gmail.com>)
 </br>[mmitche mmitche@microsoft.com
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com>)
 </br>[MSLukeWest 42553283+MSLukeWest@users.noreply.github.com
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 </br>[Nathan
 Mytelka (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com>)
 </br>[Nick Guerrero (23)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nicholg@microsoft.com>)
 </br>[Nikolche Kolev
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolce1kolev@gmail.com>)
 </br>[Nikolche Kolev (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolev@microsoft.com>)
 </br>[Nirmal Guru (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Nirmal4G@gmail.com>)
 </br>[nohwnd me@jakubjares.com
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com>)
 </br>[Pranav K (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=prkrishn@hotmail.com>)
 </br>[Rainer Sigwald (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=raines@microsoft.com>)
 </br>[reduckted reduckted@outlook.com
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=reduckted@outlook.com>)
 </br>[Sarah Oslund
 (138)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)
 </br>[sfoslund sfoslund@microsoft.com
 (27)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)
 </br>[Sujit Nayak (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sujitn@microsoft.com>)

</br>[Sven Boemer (13)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sbomer@gmail.com)
 </br>[Swaroop Sridhar
 (10)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Swaroop.Sridhar@microsoft.com)
 </br>[Swaroop Sridhar
 (5)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=swaroop.sridhar@microsoft.com)
 </br>[Tom Meschter
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tom.meschter@microsoft.com)
 </br>[Tom Meschter (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tomescht@microsoft.com)
 </br>[Tom
 Matouek (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tmat@users.noreply.github.com)
 </br>[v-chmart v-chmart@microsoft.com (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-chmart@microsoft.com)
 </br>[Vatsan Madhavan
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vatsan.madhavan@microsoft.com)
 </br>[Vijay Ramakrishnan
 (36)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vramak@microsoft.com)
 </br>[Vijay Ramakrishnan
 (8)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vijayrkn@users.noreply.github.com)
 </br>[Viktor Hofer
 (7)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com)
 </br>[vitek-karas vitek.karas@microsoft.com
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vitek.karas@microsoft.com)
 </br>[William Godbe
 (12)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wigodbe@microsoft.com)
 </br>[William Li (133)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wul@microsoft.com)
 </br>[Youssef
 Victor (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=youssefvictor00@gmail.com)
 </br>[Youssef Victor
 (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=31348972+Youssef1313@users.noreply.github.com)
 </br>[Zbynk Sailer (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)
 </br>[Zbynk Sailer (3)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)
 </br>
 ## templating

</br>[Anirudh Agnihotry
 (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=anirudhagnihotry098@gmail.com)
 </br>[AR-May 67507805+AR-May@users.noreply.github.com
 (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=67507805+AR-May@users.noreply.github.com)
 </br>[Bekir Ozturk (16)](https://github.com/dotnet/wpf/commits/release/5.0?author=bozturk@microsoft.com)
 </br>[Brian Robbins (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=brianrob@microsoft.com)
 </br>[Dan
 Kroymann (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=dan@recroom.com)
 </br>[Eilon Lipton
 (6)](https://github.com/dotnet/wpf/commits/release/5.0?author=Eilon@users.noreply.github.com)
 </br>[Epsitha Ananth
 (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=47157394+epananth@users.noreply.github.com)
 </br>[Gennadii Altukhov (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com)

</br>[Gennadii Altukhov (7)](https://github.com/dotnet/wpf/commits/release/5.0?author=gealtukh@microsoft.com)
</br>[grinrag grinrag@gmail.com
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com)
</br>[Immo Landwerth (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=immol@microsoft.com)
</br>[Ladi Prosek (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=laprosek@microsoft.com)
</br>[Matt Mitchell (7)](https://github.com/dotnet/wpf/commits/release/5.0?author=mmitch@microsoft.com)
</br>[Michael
Babienko (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=mbabienko@southern.edu)
</br>[oli oliver.coad@gmail.com
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=oliver.coad@gmail.com)
</br>[Phil Henning (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=phenning@microsoft.com)
</br>[The Gitter (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=badger@gitter.im)
</br>[Vijay Ramakrishnan (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=vramak@microsoft.com)
</br>[Viktor Hofer (4)](https://github.com/dotnet/wpf/commits/release/5.0?author=viktor.hofer@microsoft.com)
</br>[Vlada Shubina
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=vladislava.shubina@gmail.com)
</br>[Vlada Shubina (6)](https://github.com/dotnet/wpf/commits/release/5.0?author=vshubina@microsoft.com)
</br>[William Li (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com)
</br>

wcf

</br>[BrentSchmaltz brentschmaltz@hotmail.com
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=brentschmaltz@hotmail.com)
</br>[Carol Wang (9)](https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com)
</br>[Daniel Setser (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=dasetser@microsoft.com)
</br>[gojimmypi gojimmypi@gmail.com
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@gmail.com)
</br>[gojimmypi gojimmypi@users.noreply.github.com
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@users.noreply.github.com)
</br>[Hong Li (17)](https://github.com/dotnet/wcf/commits/release/3.2?author=hongli@microsoft.com)
</br>[Immo Landwerth (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=immol@microsoft.com)
</br>[Levi Broderick
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=GrabYourPitchforks@users.noreply.github.com)
</br>[Maher Jendoubi (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=maher.jendoubi@gmail.com)
</br>[Matt
Connew (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=matt.connew@microsoft.com)
</br>[Matt Connew (29)](https://github.com/dotnet/wcf/commits/release/3.2?author=mconnew@microsoft.com)
</br>[Matt Mitchell (2)](https://github.com/dotnet/wcf/commits/release/3.2?author=mmitch@microsoft.com)
</br>[Michal Ciechan (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=Indcobra@hotmail.com)
</br>[Mike Rousos (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=MikeRou@Microsoft.com)
</br>[Mike Rousos (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=mikerou@microsoft.com)
</br>[mriehm 3916550+mriehm@users.noreply.github.com
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=3916550+mriehm@users.noreply.github.com)
</br>[Stephen Bonikowsky
(17)](https://github.com/dotnet/wcf/commits/release/3.2?author=stebon@microsoft.com)
</br>[Sunny Chen (2)](https://github.com/dotnet/wcf/commits/release/3.2?author=v-fangfc@microsoft.com)

</br>[v-carwan
 v-carwan@microsoft.com (13)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com>)
 </br>[Zhaodong v-zhtian@microsoft.com (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-zhtian@microsoft.com>)
 </br>
 ## windowsdesktop

</br>[Adam Yoblick
 (6)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=Adam.Yoblick@microsoft.com>)
 </br>[Christopher Costa
 (7)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=chcosta@microsoft.com>)
 </br>[Dan Moseley
 (2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=danmose@microsoft.com>)
 </br>[Davis Goodin
 (5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=dagood@users.noreply.github.com>)
 </br>[Epsitha Ananth
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=47157394+epanth@users.noreply.github.com>)
 </br>[Eric Erhardt
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=eric.erhardt@microsoft.com>)
 </br>[Hernan
 Martinez
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=hernan.c.martinez@gmail.com>)
 </br>[Igor Velikorossov
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=RussKie@users.noreply.github.com>)
 </br>[Igor Velikorossov
 (2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=igor.velikorossov@microsoft.com>)
 </br>[Immo Landwerth
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=immol@microsoft.com>)
 </br>[JC Aguilera
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=juanam@microsoft.com>)
 </br>[Jeremy Koritzinsky
 (3)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=jekoritz@microsoft.com>)
 </br>[Matt Mitchell
 (23)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=mmitche@microsoft.com>)
 </br>[Nikola Milosavljevic
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com>)
 </br>[Nikola
 Milosavljevic
 (5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com>)
 </br>[Rob LaDuca
 (2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com>)
 </br>[Robert LaDuca
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=rladuca@gmail.com>)
 </br>[Robert LaDuca
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com>)

</br>[Ryland 41491307+ryalanms@users.noreply.github.com
 (1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com)
 </br>[Ryland Alaniz
 (3)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=ryalan@microsoft.com)
 </br>[Vatsan Madhavan
 (11)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=vatsan.madhavan@microsoft.com)
 </br>[Viktor Hofer
 (1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=viktor.hofer@microsoft.com)
 </br>
 ##
 winforms

</br>[Adam Yoblick
 (8)](https://github.com/dotnet/winforms/commits/release/5.0?author=Adam.Yoblick@microsoft.com)
 </br>[Aigamo 51428094+ycanardeau@users.noreply.github.com
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=51428094+ycanardeau@users.noreply.github.com)
 </br>[Aleksandr Beliaev
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=Alex.beliayev@gmail.com)
 </br>[Andrew Arnott
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=Andrew.arnott@Microsoft.com)
 </br>[Andrew Arnott
 (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=andrewarnott@gmail.com)
 </br>[Andrii Kurdiumov
 (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=kant2002@gmail.com)
 </br>[areller areller.gm@gmail.com
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=areller.gm@gmail.com)
 </br>[Arkady Shapkin
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=arkady.shapkin@gmail.com)
 </br>[Bruno
 Logerfo (3)](https://github.com/dotnet/winforms/commits/release/5.0?author=bclogerfo@hotmail.com)
 </br>[Charles Stoner (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=chucks@microsoft.com)
 </br>[Cristiano Suzuki
 (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=cristianosuzuki77@gmail.com)
 </br>[Cristiano Suzuki
 (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=crsuzuki@microsoft.com)
 </br>[Dan Moseley (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=danmose@microsoft.com)
 </br>[Davis Goodin
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=dagood@users.noreply.github.com)
 </br>[Devendar Reddy
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=dreddy@microsoft.com)
 </br>[Eaton eaton@eaton-works.com
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=eaton@eaton-works.com)
 </br>[Filip Navara (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=filip.navara@gmail.com)
 </br>[gpetrou

4172445+gpetrou@users.noreply.github.com
 (117)](https://github.com/dotnet/winforms/commits/release/5.0?author=4172445+gpetrou@users.noreply.github.com)
 </br>[gpetrou gipetrou@gmail.com
 (22)](https://github.com/dotnet/winforms/commits/release/5.0?author=gipetrou@gmail.com)
 </br>[Hugh Bellamy
 (354)](https://github.com/dotnet/winforms/commits/release/5.0?author=hughbellars@gmail.com)
 </br>[Igor Velikorossov
 (70)](https://github.com/dotnet/winforms/commits/release/5.0?author=RussKie@users.noreply.github.com)
 </br>[Igor Velikorossov
 (83)](https://github.com/dotnet/winforms/commits/release/5.0?author=igor.velikorossov@microsoft.com)
 </br>[janbaltus v-jabalt@microsoft.com (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=v-jabalt@microsoft.com)
 </br>[Jaroslav Lobaevski
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=novaisas@gmail.com)
 </br>[Jeremy Kuhne
 (55)](https://github.com/dotnet/winforms/commits/release/5.0?author=jkuhne@microsoft.com)
 </br>[jeremy-visionaid
 47993233+jeremy-visionaid@users.noreply.github.com
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=47993233+jeremy-visionaid@users.noreply.github.com)
 </br>[Joseph Musser (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=me@jnm2.com)
 </br>[Juan Hoyos
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=juan.hoyos@microsoft.com)
 </br>[Judit Varsanyi (3)](https://github.com/dotnet/winforms/commits/release/5.0?author=jvrozsa@gmail.com)
 </br>[Klaus Lffelmann
 (7)](https://github.com/dotnet/winforms/commits/release/5.0?author=9663150+KlausLoeffelmann@users.noreply.github.com)
 </br>[KlausLoeffelmann klaus.loeffelmann@microsoft.com
 (14)](https://github.com/dotnet/winforms/commits/release/5.0?author=klaus.loeffelmann@microsoft.com)
 </br>[Konstantin Preier
 (9)](https://github.com/dotnet/winforms/commits/release/5.0?author=kpreisser@users.noreply.github.com)
 </br>[Loni
 Tra (7)](https://github.com/dotnet/winforms/commits/release/5.0?author=loni.tra@gmail.com)
 </br>[Maher Jendoubi
 (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=maher.jendoubi@gmail.com)
 </br>[Markus Szumovski
 (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=echalone@hotmail.com)
 </br>[Martin Chromecek (4)](https://github.com/dotnet/winforms/commits/release/5.0?author=v-chmart@microsoft.com)
 </br>[Matt Mitchell
 (17)](https://github.com/dotnet/winforms/commits/release/5.0?author=mmitch@microsoft.com)
 </br>[Mikhail Lipin (26)](https://github.com/dotnet/winforms/commits/release/5.0?author=v-milipi@microsoft.com)
 </br>[Olia Gavrysh
 (3)](https://github.com/dotnet/winforms/commits/release/5.0?author=31997351+OliaG@users.noreply.github.com)
 </br>[Paul M
 (4)](https://github.com/dotnet/winforms/commits/release/5.0?author=paul1956@users.noreply.github.com)

</br>[Ryuugamine alex.beliayev@gmail.com
(4)](https://github.com/dotnet/winforms/commits/release/5.0?author=alex.beliayev@gmail.com)
</br>[Sam
Harwell (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=sam@tunnelvisionlabs.com)
</br>[Sam Harwell
(2)](https://github.com/dotnet/winforms/commits/release/5.0?author=sam.harwell@microsoft.com)
</br>[Sergey Smirnov
(11)](https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com)
</br>[SergeySmirnov-Akvelon sergey.smirnov@akvelon.com
(5)](https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com)
</br>[Shyam Gupta (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=shgu@microsoft.com)
</br>[Tanya Solyanik
(14)](https://github.com/dotnet/winforms/commits/release/5.0?author=tanyaso@microsoft.com)
</br>[Tim Heuer (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=tim@timheuer.com)
</br>[Tobias Ks (20)](https://github.com/dotnet/winforms/commits/release/5.0?author=tobias.kaes@gmail.com)
</br>[v-jiaol 49627022+Amy-Li02@users.noreply.github.com
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=49627022+Amy-Li02@users.noreply.github.com)
</br>[v-olzhan 26474449+Olina-Zhang@users.noreply.github.com
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=26474449+Olina-Zhang@users.noreply.github.com)
</br>[v-zhgl 38325459+Zheng-Li01@users.noreply.github.com
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=38325459+Zheng-Li01@users.noreply.github.com)
</br>[Vatsan Madhavan
(6)](https://github.com/dotnet/winforms/commits/release/5.0?author=vatsan.madhavan@microsoft.com)
</br>[Viktor Hofer
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=viktor.hofer@microsoft.com)
</br>[Vladimir Krestov (13)](https://github.com/dotnet/winforms/commits/release/5.0?author=v-vlkres@microsoft.com)
</br>[vladimir-krestov 49272759+vladimir-krestov@users.noreply.github.com
(17)](https://github.com/dotnet/winforms/commits/release/5.0?author=49272759+vladimir-krestov@users.noreply.github.com)
</br>[vperus
vperus@gmail.com (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=vperus@gmail.com)
</br>[William Godbe
(2)](https://github.com/dotnet/winforms/commits/release/5.0?author=wigodbe@microsoft.com)
</br>[William Kent (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=wjk011@gmail.com)
</br>[William Li (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=wul@microsoft.com)
</br>[Xinyan Chen (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=xinychen@microsoft.com)
</br>[Zachary Danz (3)](https://github.com/dotnet/winforms/commits/release/5.0?author=zsd4yr@virginia.edu)
</br>[Zbynk Sailer (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=v-zbsail@microsoft.com)
</br>
wpf

</br>[Adam Yoblick
(5)](https://github.com/dotnet/wpf/commits/release/5.0?author=Adam.Yoblick@microsoft.com)

</br>[Andy Gocke (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=andy@commentout.net>)

</br>[Arpit Dev (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com>)

</br>[Arpit Mathur (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com>)

</br>[Barry Dorrans (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=github.com@idunno.org>)

</br>[Dan Moseley (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=danmose@microsoft.com>)

</br>[David Denis (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=david.denis@systemathics.com>)

</br>[David Wrighton (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=davidwr@microsoft.com>)

</br>[Drew Noakes (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=git@drewnoakes.com>)

</br>[Filip Navara (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=filip.navara@gmail.com>)

</br>[grinrag grinrag@gmail.com (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com>)

</br>[Jeremy Koritzinsky (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=jekoritz@microsoft.com>)

</br>[Lelary lelary@outlook.com (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=lelary@outlook.com>)

</br>[lindexi lindexi@users.noreply.github.com (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi@users.noreply.github.com>)

</br>[lindexi lindexi_gd@163.com (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi_gd@163.com)

</br>[Maher Jendoubi (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=maher.jendoubi@gmail.com>)

</br>[Martin Chromecek (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=v-chmart@microsoft.com>)

</br>[Mateo Torres (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=matorre@microsoft.com>)

</br>[Matt Mitchell (17)](<https://github.com/dotnet/wpf/commits/release/5.0?author=mmitch@microsoft.com>)

</br>[Matthias Cavigelli (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=cavigelli@gmail.com>)

</br>[Morten Nielsen (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=1378165+dotMorten@users.noreply.github.com>)

</br>[Nirmal Guru (3)](<https://github.com/dotnet/wpf/commits/release/5.0?author=Nirmal4G@gmail.com>)

</br>[Peter Spada (3)](<https://github.com/dotnet/wpf/commits/release/5.0?author=peterspa@microsoft.com>)

</br>[predavid 67659949+predavid@users.noreply.github.com (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=67659949+predavid@users.noreply.github.com>)

</br>[Rob LaDuca (17)](<https://github.com/dotnet/wpf/commits/release/5.0?author=roladuca@microsoft.com>)

</br>[Robert LaDuca (9)](<https://github.com/dotnet/wpf/commits/release/5.0?author=rladuca@gmail.com>)

</br>[Rubn Usamentiaga (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=rusamentiaga@uniovi.es>)

</br>[Ryland 41491307+ryalanms@users.noreply.github.com (7)](<https://github.com/dotnet/wpf/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com>)

</br>[Ryland Alaniz (5)](<https://github.com/dotnet/wpf/commits/release/5.0?author=ryalan@microsoft.com>)

</br>[Sam Bent (18)](<https://github.com/dotnet/wpf/commits/release/5.0?author=sambent@microsoft.com>)

</br>[Sarah Oslund (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=sfoslund@microsoft.com>)

</br>[Steve Kirbach (3)](<https://github.com/dotnet/wpf/commits/release/5.0?author=steven.kirbach@gmail.com>)

</br>[Vatsan Madhavan (53)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@microsoft.com>)

</br>[Vatsan Madhavan (6)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@gmail.com>)

</br>[William Godbe (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>[William Li (9)](<https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com>)

</br>[Youssef Victor

(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com>)

Contributions to .NET Core 1.1

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

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

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

CLI

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

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

- [Livar Cunha (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
-
- [Piotr Puskiewicz (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)
- [Troy Dai (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com>)
- [cartermp (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [Pranav K (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Rohit Agrawal (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Bill Wert (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [cartermp (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phillip.carter@outlook.com>)
- [Bryan (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
- [MichaelSimons (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Petr Onderka (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gs Vick@gmail.com>)
-
- [PiotrP (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)

CoreCLR

- [James Ko (53)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jamesqko@gmail.com>)
- [Jan Kotas (45)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jkotas@microsoft.com>)
- [Pat Gavlin (43)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=pagavlin@microsoft.com>)
- [Bruce Forstall (38)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=brucefo@microsoft.com>)
- [Kyungwoo Lee (33)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=kyulee@microsoft.com>)
- [wtgodbe (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=wigodbe@microsoft.com>)
- [Rahul Kumar (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=rahku@microsoft.com>)
- [Aditya Mandaleeka (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adityam@microsoft.com>)
-
- [Brian Sullivan (26)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=briansul@microsoft.com>)
- [Andy Ayers (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=andya@microsoft.com>)
- [Gaurav Khanna (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=gkhanna@microsoft.com>)
- [Stephen Toub (23)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=stoub@microsoft.com>)
- [Jan Vorlicek (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=janvorli@microsoft.com>)

- [Mike McLaughlin (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mikem@microsoft.com>)
- [Carol Eidt (21)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=carol.eidt@microsoft.com>)
- [Jonghyun Park (18)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=parjong@gmail.com>)
- [Mike Danes (17)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=onemihaid@hotmail.com>)
-
- [Smile Wei (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=xiwe@microsoft.com>)
- [Ben Adams (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=thundercat@illyriad.co.uk>)
- [Michelle McDaniel (15)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adiaaida@gmail.com>)
- [Prajwal A N (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=an.prajwal@samsung.com>)
- [Fadi Hanna (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=fadim@microsoft.com>)
- [Peter Jas (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [Rama Krishnan Raghupathy (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ramarag@microsoft.com>)
- [Lakshmi Priya Sekar (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lasekar@microsoft.com>)
- [Justin Van Patten (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jvp@justinvp.com>)
-
- [Eric Mellino (12)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Sean Gillespie (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=segilles@microsoft.com>)
- [Matt Mitchell (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mmitche@microsoft.com>)
- [Russ Keldorph (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com>)
- [Koundinya Veluri (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kouvel@microsoft.com>)
- [John Chen (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
- [Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sjlee@mail.com>)
- [Evgeny Pavlov (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=e.pavlov@samsung.com>)
- [Maoni0 (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com>)
- [Matt Ellis (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matell@microsoft.com>)
- [Evgeny Pavlov (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=luenticus@gmail.com>)
- [Pat Gavlin (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pgavlin@gmail.com>)
- [jashoo (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)
- [Alex Ghiondea (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com>)
- [Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=swaroops@microsoft.com>)
- [Jose Perez Rodriguez (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joperezr@microsoft.com>)
- [Geunsik Lim (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=leemgs@users.noreply.github.com>)
- [Joseph Tremoulet (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jotrem@microsoft.com>)
- [Hanjoung Lee (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hanjoung.lee@samsung.com>)
- [Aditya Mandaleeka (6)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityamandaleeka@users.noreply.github.com>)
- [chunseoklee (6)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chunseoklee@naver.com>)
- [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=gsvick@gmail.com>)
- [Vance Morrison (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancemorrison@comcast.net>)

- [Tarek Mahmoud Sayed
(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [MyungJoo Ham
(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@gmail.com>)
- [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
- [Kshama Pawar (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kspawa@microsoft.com>)
-
- [Hyung-Kyu Choi
(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hqueue@users.noreply.github.com>)
- [Lakshmi Priya
(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Priya91@users.noreply.github.com>)
- [Sejong Oh (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)
- [David Mason (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=davmason@microsoft.com>)
- [Jarret Shook (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)
- [Wes Haggard
(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)
- [Davis Goodin (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dagood@microsoft.com>)
- [sivarv (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sivarv@microsoft.com>)
- [stephentoub (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=stoub@microsoft.com>)
- [Hyung-Kyu Choi
(3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hk0110.choi@samsung.com>)
- [krk (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=keremkat@gmail.com>)
- [Ivan Baravy (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=i.baravy@samsung.com>)
- [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancem@microsoft.com>)
- [Yi Zhang (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=yzha@microsoft.com>)
- [dotnet bot (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dotnet-bot@dotnetfoundation.org>)
- [Joel Hendrix (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
- [Brian Robbins (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=brianrob@microsoft.com>)
- [Dmitri-Botcharnikov
(3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dmitry.b@samsung.com>)
- [Drew Scoggins (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=anscoggi@microsoft.com>)
-
- [Egor Chesakov (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-egche@microsoft.com>)
- [Eric St. John (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ericstj@microsoft.com>)
- [Eugene Rozenfeld (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erozen@microsoft.com>)
- [Bruce Bowyer-Smyth
(3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bbowyersmyth@live.com.au>)
- [Maoni Stephens (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com>)
- [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.com>)
- [Dan Moseley (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=danmose@microsoft.com>)
- [William Godbe (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=wigodbe@microsoft.com>)
- [Viacheslav Nikolaev
(2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.ru>)
-
- [Viacheslav Nikolaev
(2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.com>)
- [Hannah Zhang (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-hazhan@microsoft.com>)

- [Lubomir Litchev (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=lubol@microsoft.com>)
- [Geunsik Lim (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=geunsik.lim@samsung.com>)
- [Hanjoung Lee (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=waterets@gmail.com>)
- [Manu (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=manu-silicon@users.noreply.github.com>)
- [MyungJoo Ham (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=myungjoo.ham@samsung.com>)
- [Tanner Gooding (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=tannergooding@users.noreply.github.com>)
- [Mariana Rios Flores (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mariari@microsoft.com>)
-
- [Sujin Kim (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sjsujin.kim@samsung.com>)
- [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=clockwork-muse@outlook.com>)
- [Sepideh Khoshnood (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sekho@microsoft.com>)
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- [Hyeongseok Oh (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=hseok82.oh@smasung.com>)
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- [ukasz Domeradski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=JustArchi@users.noreply.github.com>)
- [Adam Speight (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=AdamSpeight2008@users.noreply.github.com>)
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- [Chris McKinsey (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=chrismck@microsoft.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dapodd@microsoft.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dpodder@gmail.com>)
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- [Dmitri Botcharnikov

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- [Evgeniy Devyatkin (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mail@edevyatkin.com>)
- [Guo Xiao
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=guoxiao@users.noreply.github.com>)
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- [Jeremy Kuhne
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jeremy.kuhne@microsoft.com>)
- [Jim Ma (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mazong1123@gmail.com>)
- [Jiyoung Giuliana Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t2wish@gmail.com>)
- [Jiyoung Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jy910.yun@samsung.com>)
- [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jsokla@microsoft.com>)
- [JohnChen0 (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
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- [Jonathan Miller (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jonmill@microsoft.com>)
- [Jose Manuel Heredia Hidalgo
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joheredi@microsoft.com>)
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjonigsen.net>)
- [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=juergen@hoetzel.info>)
- [KrzysztofCwalina
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kcwalina@microsoft.com>)
- [Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kurt+github@aadnoy.info>)
- [Lorenzo Tessoro
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lt72@users.noreply.github.com>)
- [Lubomir Litchev
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=LLITCHEV@users.noreply.github.com>)
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- [Lukasz Tomczyk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lutom@microsoft.com>)
- [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mairaw@microsoft.com>)
- [Martin Woodward
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=martin@dotnetfoundation.org>)
- [Matt Warren (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matt.warren@live.co.uk>)
- [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=michals@microsoft.com>)
- [Mikhail I. Krivtsov
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=m.krivtsov@samsung.com>)
- [Mukul Sabharwal (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mjsabby@gmail.com>)
- [Oguz Bastemur
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=obastemur@users.noreply.github.com>)
- [Oleg Demchenko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=olegoid91@gmail.com>)
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- [Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pefoley2@pefoley.com>)
- [Peter Kukol
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pkukol@users.noreply.github.com>)
- [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=prajwal.an92@gmail.com>)

- [Rajkumar Janakiraman
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=janakiraman.rajkumar@gmail.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sahie.park@samsung.com>)
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- [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)
- [Sergiy Kuryata (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sergeyk@microsoft.com>)
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- [Swaroop Sridhar
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Swaroop.Sridhar@microsoft.com>)
- [Tarekm Mahmoud Sayed
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [Tijoy Tom Kalathiparambil
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- [Wes Haggard
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- [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=code.kchoi@gmail.com>)
- [kingces95
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kingces95@users.noreply.github.com>)
- [kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com>)
- [mkborg (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)
- [noahfalk
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=noahfalk@users.noreply.github.com>)
- [sepidehMS (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekho@microsoft.com>)
- [tijoytom
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tijoytom@users.noreply.github.com>)
- [Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adam.sitnik@gmail.com>)

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- [Eric St. John (88)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com>)
- [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shmao@microsoft.com>)
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- [Jeremy Barton (38)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jbarton@microsoft.com>)
- [Lakshmi Priya Sekar
(33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lasekar@microsoft.com>)
- [Eric Mellino (33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=erme@microsoft.com>)

- [Ian Hays (29)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ianha@microsoft.com>)
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- [James Ko (27)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jamesqko@gmail.com>)
- [Justin Van Patten (23)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jvp@justinvp.com>)
- [Matt Ellis (22)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=matell@microsoft.com>)
- [David Shulman (18)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=david.shulman@microsoft.com>)
- [Jon Hanna (17)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jon@hackcraft.net>)
- [Karthik Rajasekaran (15)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=karajas@microsoft.com>)
- [Bart De Smet (14)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bartde@microsoft.com>)
- [Wes Haggard (14)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Wes.Haggard@microsoft.com>)
- [Mariana Rios Flores (13)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mariari@microsoft.com>)
- [Eric Eilebrecht (12)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@users.noreply.github.com>)
- [Davis Goodin (12)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dagood@microsoft.com>)
- [Petr Onderka (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=gs Vick@gmail.com>)
- [Joel Hendrix (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jhendrix@microsoft.com>)
- [Julien Couvreur (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=julien.couvreur@gmail.com>)
- [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=gkhanna@microsoft.com>)
- [Cristian Pop (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Cristian.Pop@microsoft.com>)
- [Deepak Shankargouda (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=deshank@microsoft.com>)
- [Nick Guerrero (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=nicholg@microsoft.com>)
- [Tomas Matousek (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tomas.matousek@microsoft.com>)
- [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=corivera@microsoft.com>)
- [Christopher Costa (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=chcosta@microsoft.com>)
- [Jose Perez Rodriguez (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=joperezr@microsoft.com>)
- [Saurabh Singh (7)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=saurabh500@gmail.com>)
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- [SGuy Ge (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sguyge@microsoft.com>)
- [Denis Istomin (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=istomin.den@gmail.com>)

- [Sung-Jae Lee (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjlee@mail.com>)
- [huanwu (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com>)
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- [Andrew Stanton-Nurse (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=andrew@andrewnurse.net>)
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- [Tarek Mahmoud Sayed (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [sjsujin.kim (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com>)
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- [David Mason (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=davmason@microsoft.com>)
- [Thomas Stringer (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tr.stringer@outlook.com>)
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- [Bret Ambrose (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bambrose@amazon.com>)
- [bjjones (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=brandon1.jones@intel.com>)
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- [maririos (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mariari@microsoft.com>)
- [Alex Ghiondea (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com>)
- [Andy Gocke (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=angocke@microsoft.com>)
- [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com>)
- [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mikem@microsoft.com>)
- [Lakshmi Priya (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Priya91@users.noreply.github.com>)

[lukasz Domeradzki

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=JustArchi@users.noreply.github.com>)

- [Alexander Kozlenko

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=alexander.kozlenko@live.com>)

- [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=anpete@microsoft.com>)

- [Anthony van der Hoorn

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=anthony.vanderhoorn@gmail.com>)

- [Austin Wise (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=AustinWise@gmail.com>)

- [Barry Dorrans

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Barry.Dorrans@microsoft.com>)

- [Ben Adams (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=thundercat@illyriad.co.uk>)

- [Bruce Bowyer-Smyth

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bbowyersmyth@live.com.au>)

- [Bryan P. Arant (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bryanar@microsoft.com>)

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[Chickenzilla

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Chickenzilla@users.noreply.github.com>)

- [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=christian@chwe.at>)

- [Cristian Pop

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=CIPop@users.noreply.github.com>)

- [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dslaisted@gmail.com>)

- [David Sherret (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dscherret@gmail.com>)

- [David Zucker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=davzucky@hotmail.com>)

- [Dmitri-Botcharnikov

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dmitry.b@samsung.com>)

- [Dmitry-Me (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=wipedout@yandex.ru>)

- [Dylan Borg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=borgdylan@hotmail.com>)

-

[Eric Eilebrecht (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@microsoft.com>)

- [Eric StJohn (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericstj@microsoft.com>)

- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=e.pavlov@samsung.com>)

- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=lucenticus@gmail.com>)

- [Gene Lee (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=gelee@microsoft.com>)

- [Hyeongseok Oh (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=hseok82.oh@samsung.com>)

- [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=immol@microsoft.com>)

- [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jasonpa@microsoft.com>)

- [Josh Free

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=joshfree@users.noreply.github.com>)

-

[Jostein Kjnigsen (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jostein@kjonigsen.net>)

- [Julien (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jcouv@users.noreply.github.com>)

- [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=kouvel@microsoft.com>)

- [Maira Wenzel

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mairaw@users.noreply.github.com>)

- [Marek (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=GitHub@marekfiser.cz>)

- [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=fubar-coder@users.noreply.github.com>)

- [Oren Novotny (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=oren@novotny.org>)

- [Peter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [Peter Jas (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [R. Fontenot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=robwobbold@gmail.com>)
-
- [Rainer Sigwald (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=raines@microsoft.com>)
- [Rama Krishnan Raghupathy (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ramarag@microsoft.com>)
- [Rich Lander (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=rlander@microsoft.com>)
- [Russ Keldorph (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saehie.park@samsung.com>)
- [Shahriar Gholami (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shrgholami@gmail.com>)
- [Stephen Bonikowsky (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stebon@microsoft.com>)
- [Steve Harter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=steveharter@users.noreply.github.com>)
- [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tagoo@microsoft.com>)
-
- [Tarekm Mahmoud Sayed (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [VSadov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vsadov@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com>)
- [Yi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yzha@microsoft.com>)
- [Yongseop Kim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yons.kim@samsung.com>)
- [alkurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alkurian@microsoft.com>)
- [alphonsekurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alphonsekurian@icloud.com>)
- [dotnet bot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dotnet-bot@microsoft.com>)
- [huanwu@microsoft.com (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com>)
-
- [jarenduan (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jarenduan@gmail.com>)
- [mkborg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)
- [mlacouture (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mlacouture@msn.com>)
- [sichbo (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=simon@sichbo.ca>)
- [sjsujinkim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com>)
- [steveharter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sharter@microsoft.com>)
- [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=michael@senexx.com>)
- [yfakariya (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yfakariya@gmail.com>)
- [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@microsoft.com>)

WCF

- [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=stebon@microsoft.com>)
- [Ron Cain (48)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=roncain@microsoft.com>)
- [Jason Pang (42)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasonpa@microsoft.com>)

- [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>)
- [Zhenlan Wang (5)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=zhenlwa@microsoft.com>)
- [Jason Pang (4)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=iamjasonp@users.noreply.github.com>)
- [Eric Mellino (2)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Matt (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com>)
-
- [Joel Hendrix (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
- [Barry Dorrans (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com>)
- [Matt Ellis (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=matell@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)

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

[Kevin Ransom (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com>)

- * [Steve Sanderson (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com>)
- * [Mikkel Nylander Bundgaard (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com>)
- * [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)
- * [Ankit Mishra (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)
- * [Ashish Jain (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com>)
- * [Matt Ellis (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)
- * [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- * [Nikolche Kolev (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolev@microsoft.com>)
- * [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)
- *
- [jonsequitur (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com>)
- * [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)
- * [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=saehie.park@samsung.com>)
- * [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com>)
- * [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jltc.co.uk>)
- * [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=xingmu33@gmail.com>)
- * [Faizan2304 (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faizan2304@hotmail.com>)
- * [Zbynk Sailer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)
- * [Arun Mahapatra (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com>)
- *
- [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitche@microsoft.com>)
- * [Omair Majid (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com>)

CoreCLR

- * [Brian Robbins (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)
- * [wtgodbe (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
- * [Steve MacLean, Qualcomm Datacenter Technologies, Inc (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
- * [Jan Kotas (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
- * [Pat Gavlin (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
- * [Mike McLaughlin (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)
- * [Pat Gavlin (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)
- *
- [Sergey Andreenko (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)
- * [jashook (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)
- * [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)
- * [Jonghyun Park (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
- * [Mukul Sabharwal (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)
- * [Drew Scoggins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)
- * [Tarek Mahmoud Sayed (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)
- * [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)
- * [Wes Haggard (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

* [Joseph Tremoulet (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)

*

[Jan Vorlicek (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)

* [Koundinya Veluri (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)

* [Alex Ghiondea

(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

* [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)

* [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

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

* [Jeremy Kuhne

(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

* [Justin Van Patten (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

* [Stephen Toub (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)

*

[Steve MacLean

(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

* [Sujin Kim (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

* [Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Michelle McDaniel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

* [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)

* [mskvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

* [Krzysztof Wicher

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)

* [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)

*

[Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)

* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

* [Jose Perez Rodriguez

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

* [Igor Kulaychuk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

* [Xiangyang (Mark) Guo

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)

* [chunseoklee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

* [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)

*

[Morgan Brown

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

* [Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Sebastian Lauber

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

CoreFX

* [Stephen Toub (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)

* [Hugh Bellamy (36)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)

* [Viktor Hofer (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

* [Eric St. John (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)

* [Dan Moseley (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)

* [Atsushi Kanamori (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

*

[Wes Haggard (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

* [Jeremy Barton (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)

* [Santiago Fernandez Madero (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safem@microsoft.com>)

* [Atsushi Kanamori (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

* [Lakshmi Priya Sekar (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)

* [Shin Mao (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)

* [Jeremy Kuhne (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

* [Morgan Brown (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

* [Cory Rivera (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

*

[Sepideh Khoshnood (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Santiago Fernandez (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safem@microsoft.com>)

* [Saurabh Singh (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

* [Krzysztof Wicher (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

* [Eric Mellino (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)

* [Eric StJohn (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)

* [Vance Morrison (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [Tarek Mahmoud Sayed (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

*

[Krzysztof Wicher (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)

* [Ian Hays (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)

* [Matt Ellis (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

* [Cristian Pop (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

* [Frédéric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)

* [Jiayi Li (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

* [Jose Perez Rodriguez (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)

* [Liudmila Molkova (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)

* [Matt Galbraith (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)

*

[Matt Mitchell (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com>)

* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

* [Alex Ghiondea (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

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

* [Wes Haggard (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

* [stephenmichaelf (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)

* [Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

* [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

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

*

[Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

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

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

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

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

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

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

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

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

*

[Vladyslav (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com>)

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

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

* [Justin Van Patten (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

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

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

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

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

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

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

*

[Robert Anderson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

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

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

* [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

```
* [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)
* [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>)

* [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>)

*

[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>)

* [Davis Goodin (3)](<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>)

* [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)

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

* [Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)

*

[Chris Rummel (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)

* [Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)

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

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

* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)

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

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

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

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

*

[Petr Onderka (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=gs Vick@gmail.com>)

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

* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)

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

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

* [Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)

* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)

* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)

* [Ken Dale (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)

* [Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

*

[Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)

* [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)

* [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

* [Michael Simons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)

* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)

* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)

* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)

* [Rainer Sigwald (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)

*

[Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)

* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)

* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)

* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)

* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)

* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)

* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)

* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)

* [Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)

*

[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>)
- *
- [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=wigodbe@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>)
- * [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com>)
- *
- [Sergey Andreenko (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)
- * [Jan Vorlicek (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)
- * [Aditya Mandaleeka (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)
- * [Michelle McDaniel (39)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)
- * [Hyeongseok Oh (38)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
- * [Steve MacLean, Qualcomm Datacenter Technologies, Inc (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>)
- * [dotnet bot (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dotnet-bot@dotnetfoundation.org>)
- * [Carol Eidt (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)
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(16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

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(13)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

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(13)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

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(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)

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(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

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(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

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

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dmitry.b@samsung.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)

* [Nicol Carandini
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)

* [Ofer Zelig
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)

* [Olof Olsson
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)

* [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)

* [Peter Smulovics
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)

* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)

*

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

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

* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)

* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)

* [Russ Keldorph
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)

* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

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

*

[Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

* [Steve MacLean, Qualcomm Datacenter Technologies Inc
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

* [Thiago Camargos Lopes
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)

* [Tom Deseyn (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

* [Toni Solarin-Sodara
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)

* [Varun Venkatesan
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)

* [Vijay Ramakrishnan
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)

* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

* [Viktor
Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)

* [Xiangyang (Mark) Guo
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)

* [Yuriy Solodkyy
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)

* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)

* [cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)

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

* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)

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

* [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)

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

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

* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)

* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)

* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)

* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

* [vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

CoreFX

* [Stephen Toub (535)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)

*

[Jon Hanna (344)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)

* [Eric St. John (285)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)

* [Eric Mellino (167)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)

* [Jose Perez Rodriguez (116)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)

* [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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[Ian Hays (90)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)

* [Santiago Fernandez Madero (88)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)

* [Jan Kotas (80)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)

* [Anthony Langsworth (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)

* [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

* [Dan Moseley (73)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)

* [sepidMS (59)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Liudmila Molkova (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)

* [Alex Perovich (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)

* [Tarek Mahmoud Sayed (56)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

* [Krzysztof Wicher (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)

* [Karel Zikmund (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

* [Jeremy Kuhne (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

* [Jeremy Barton (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)

* [Justin Van Patten (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

* [Shin Mao (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)

* [danmosemsft (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)

* [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)

* [Stephen A. Imhoff (32)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

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[Viktor Hofer (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

* [Matt Galbraith (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)

* [Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)

* [Alex Ghiondea (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

* [Matt Mitchell (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com>)

* [Bart J.F. De Smet (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)

* [David Shulman (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)

* [Davis Goodin (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)

* [Atsushi Kanamori (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

* [Steve Harter (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)

* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)

* [Frederik Carlier (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

* [Alexander Radchenko (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)

* [Ahson Ahmed Khan (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)

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[Wes Haggard (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

* [dotnet-bot (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dotnet-bot@microsoft.com>)

* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

* [Tijoy Tom Kalathiparambil (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

* [Gaurav Khanna (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)

* [Koundinya Veluri (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)

* [Hyeongseok Oh (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

*

[qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

* [Will Dean (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk)

* [Krzysztof Wicher (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

* [Saurabh Singh (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

* [Rama Krishnan Raghupathy (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com>)

* [Dennis "D.C." Dietrich (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)

* [Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)

* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)

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[Huangli Wu (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

* [Atsushi Kanamori
(12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

* [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)

* [Karel Zikmund (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

* [Hyung-Kyu Choi
(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)

* [Tarekm Mahmoud Sayed
(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

* [Tom Matouek
(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

*

[Matt Galbraith
(9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

* [Matt Ellis (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

* [Cristian Pop (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

* [Pavel Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)

* [Sepideh Khoshnood (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Jiyoung Yun (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

* [Santiago Fernandez (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferr@microsoft.com>)

* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)

* [chunseoklee
(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)

* [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

* [Mandar Sahasrabuddhe
(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

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

* [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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[Gene Lee (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)

* [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>)

* [Vance Morrison
(6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

* [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>)

* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)

* [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>)

*
[nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)
* [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>)
* [Davis Goodin
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)
* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)
* [Anton Lapounov
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)
* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)
* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)
*
[the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)
* [Adam Friedman
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)
* [Jiayi Li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)
* [loulun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=loulun@hotmail.com>)
* [Julien Couvreur
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)
* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)
* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)
* [Carol Wang (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)
* [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
* [Hyeongseok Oh
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
*
[Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)
* [Darren Hoehna (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)
* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)
* [Nick Guerrero (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)
* [Egor Bogatov (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)
* [Robert Anderson
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)
* [Eric Erhardt (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
* [stone-li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)
* [AlexGhiondea
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
*
[Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)
* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)
* [Bruce Bowyer-Smyth
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)
* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)
* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)
* [Cristian Pop
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)
* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)

* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)

* [Stephen Cleary (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

*

[v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)

* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)

* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)

* [Stanislav Ushakov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)

* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)

* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN>)

* [Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)

* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)

* [geoffkizer (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [FAREAST\v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)

* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

* [Lakshmi Priya Sekar (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

* [Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

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

* [cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)

* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)

*

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

* [Viacheslav Ivanov (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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

* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)

* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)

* [ahsonkhan (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)

*

[ahsonkhan (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com)

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

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

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

* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)

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

* [Caesar Chen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)

* [Michal Strehovsk
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

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

* [Felipe
Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

* [Hyung-Kyu Choi
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

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

* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)

* [Alexander Kplinger
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

* [Alexandre Mutel
(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com)

* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)

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

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

* [Andrey Kurdyumov
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)

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

* [Benjamin Bartels
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)

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

* [Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)

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

* [Caesar Chen
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)

* [Caio Cesar Saldanha Maia Orejuela Kinelski
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)

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

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

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

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

* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

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

* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)

* [Fredrik Hister Rasch
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)

* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)

*

[Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)

* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)

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

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

* [Jiang Zeng (Pactera Technologies Inc) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)

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

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

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

* [Jorge J. de la Fuente (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)

*

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

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

* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

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

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

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

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

* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)

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

*

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

* [Martin Scholz (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)

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

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

* [Matthew Parkinson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

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

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

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

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

*

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

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

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

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

* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)

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

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

* [Peter Kukol

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

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

*

[Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

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

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

* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sahie.park@samsung.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)

* [Sergio Parra Guerra
(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com)

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

* [Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)

* [Steve
Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)

* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

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

* [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)

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

* [Tarun Pothulapati
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

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

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

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

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

* [Tyler Brinkley
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)

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

* [Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)

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

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

* [Yi Zhang (CLR)
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

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

* [costahome (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com)

*

[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>)
- *
- [varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)
- * [vitek-karas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com>)

WCF

- * [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- * [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)
- * [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- * [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- * [hongdai (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- * [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- * [KKhurin (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- *
- [Zhenlan Wang (4)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- * [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- * [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- * [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- * [Chris R (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com>)
- * [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- * [Matt Connew (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- * [Carol Wang (Inspur Worldwide Services Ltd) (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- * [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
- *
- [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)
- * [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

Contributions to .NET Core 2.1

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

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

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

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

* [CoreFX](#corefx)

* [WCF](#wcf)

CLI

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

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

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

* [Nate McMaster

(46)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com>)

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

*

[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 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>)

*

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

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

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

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

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

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

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

* [Kevin Ransom

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

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

*

[kasper

(5)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

* [Nate McMaster

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

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

* [kasper3

(4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

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

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

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

* [Javier Calvarro Nelson

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

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

*
 [Maira Wenzel (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mairaw@microsoft.com>)
 * [Tanner Gooding (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=tagoo@outlook.com>)
 * [Vijay Ramakrishnan (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)
 * [Kevin Ransom
 (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=codecutter.fsharp@hotmail.com>)
 * [Davis Goodin (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=dagood@microsoft.com>)
 * [vramak (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)
 * [Rakesh Ranjan Singh
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=raksingh@microsoft.com>)
 * [abhishk (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=abhishk@microsoft.com>)
 * [Mihai Codoban (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=micodoba@microsoft.com>)
 * [jagarg (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jagarg@microsoft.com>)
 *
 [Jose Perez Rodriguez (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=joperezr@microsoft.com>)
 * [jbeisner
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johnbeisner@users.noreply.github.com>)
 * [Brice Lambson
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=bricelam@users.noreply.github.com>)
 * [root
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)
 * [test (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=test@net-dale.guest.corp.microsoft.com>)
 * [v-mdriml (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-mdriml@microsoft.com>)
 * [Steve MacLean
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sdmaclea.qdt@qualcommdatacenter.com>)
 * [Steve Harter
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=steveharter@users.noreply.github.com>)
 * [Sean Peters
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sepeters@microsoft.com>)
 * [Rohit Agrawal (NUGET
 (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=ragrawal@microsoft.com>)
 * [Yanchen Wu (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=yanchenw@microsoft.com>)

CoreCLR

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

*

[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>)

* [Mike Danes (13)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=onemihaid@hotmail.com>)

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

* [Tarek Mahmoud Sayed (11)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tarekms@microsoft.com>)

*

[Sean Gillespie (11)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=segilles@microsoft.com>)

* [Noah Falk (10)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=noahfalk@users.noreply.github.com>)

* [JC Aguilera (9)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=juanam@microsoft.com>)

* [Maryam Ariyan (9)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=maryam.ariyan@microsoft.com>)

* [Atsushi Kanamori (8)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=AtsushiKan@users.noreply.github.com>)

* [Eugene Rozenfeld (8)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=erozen@microsoft.com>)

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

* [Luqun Lou (7)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=luqunl@users.noreply.github.com>)

* [Debyan Ghosh
(7)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=debayang.qdt@qualcommdatacenter.com>)
*

[Tom Deseyn (6)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tom.deseyn@gmail.com>)
* [Adam Sitnik (6)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@gmail.com>)
* [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>)
* [John Doe (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=github.john.doe@outlook.com>)
*

[sergey ignatov (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru>)
* [Viktor Hofer (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=viktor.hofer@microsoft.com>)
* [Marco Rossignoli
(3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=marco.rossignoli@gmail.com>)
* [Fei (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com>)
* [Jose Perez Rodriguez
(3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=joperezr@microsoft.com>)
* [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>)
* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=vancemorrison@comcast.net>)
* [Santiago Fernandez Madero
(3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=safarn@microsoft.com>)
* [Petr Bred (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bredpetr@gmail.com>)
*

[Davis Goodin
(3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dagood@users.noreply.github.com>)
* [Maoni Stephens
(3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=Maoni0@users.noreply.github.com>)
* [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>)
* [Atanu (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=RoyAtanu@users.noreply.github.com>)
* [Bruno Tagliapietra
(2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bruno.tagliapietra@gmail.com>)
* [Cesar Soares Lucas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=disoares@microsoft.com>)
*

[Igor Kulaychuk (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=igor.kulaychuk@gmail.com>)
* [Jarret Shook (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@microsoft.com>)
* [Levi Broderick
(2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com>)
* [Mandar Sahasrabudhe
(2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=WinCPP@users.noreply.github.com>)
* [Matt Galbraith (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mattgal@microsoft.com>)

* [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=matt.warren@live.co.uk>)

* [Phil Garcia (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=phil@thinkedge.com>)

* [Ricardo Arenas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=riarenas@microsoft.com>)

* [Russ Keldorph (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=russ.keldorph@microsoft.com>)

*

[Sergey Ignatov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru>)

* [Sven Boemer (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sbomer@gmail.com>)

* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chcosta@microsoft.com>)

* [gbalykov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=g.balykov@samsung.com>)

* [kasper3
(2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com>)

* [Jon Hanna (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jon@hackcraft.net>)

* [Jingyu Ma (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mazong1123@gmail.com>)

* [Jeremy Meng (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=yumeng@microsoft.com>)

* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ufcpp@live.jp>)

* [Omair
Majid (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=omajid@redhat.com>)

* [Pent Ploompuu (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kaalikas@gmail.com>)

* [Petar Petrov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=petarpetrov@gmail.com>)

* [Jeff Schwartz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jeffschw@microsoft.com>)

* [Adam Stark (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=llamadonica@gmail.com>)

* [Rex Morgan (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=rex@reflex.net>)

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

* [Roman Artemev (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=rartemev@microsoft.com>)

* [Ruben Ayrapetyan (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ruben-ayrapetyan@users.noreply.github.com>)

* [Hyeongseok Oh (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=hseok82.oh@samsung.com>)

*

[Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@microsoft.com>)

* [Russell Cohen (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=russell.r.cohen@gmail.com>)

* [Hugh Zabriskie (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=hugh.zabriskie@gmail.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sean@pulum.com>)

* [Gnther Foidl (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=gue@korporal.at>)

* [Frank Gambino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=frank@daringdev.com>)

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

* [Eric StJohn (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ericstj@microsoft.com>)

* [David Nissimoff (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davidni@microsoft.com>)

*

[David Fowler (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davidfowl@gmail.com>)

* [mlabiuk
(1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=35769704+mlabiuk@users.noreply.github.com>)

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

* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dharvey@microsoft.com>)

* [Conrad Meyer (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=cse.cem@gmail.com>)

* [Colin Green (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=colin.green1@gmail.com>)

- * [Tomas Weinfurt (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tweinfurt@yahoo.com>)
- * [Vance Morrison (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=vancem@microsoft.com>)
- * [Chris Sienkiewicz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chsienki@microsoft.com>)
- *
- [Chad Nedzlek (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chadnedz@microsoft.com>)
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- * [Buyduck (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ivan.vagin@partner.samsung.com>)
- * [Bruce Bowyer-Smyth (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bbowyersmyth@live.com.au>)
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- * [Anton Lapounov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anton.lapounov@microsoft.com>)
- * [Zhukov Maxim (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=my.fsou1@gmail.com>)
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- * [danmosemsft (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=danmose@microsoft.com>)
- * [Andrew Marino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=aymarino@umich.edu>)
- * [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mairaw@microsoft.com>)
- * [Marek Safar (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=marek.safar@gmail.com>)
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- * [Kyungwoo Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kyulee@microsoft.com>)
- * [Alfred Myers (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=git@alfredmyers.com>)
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- * [Kevin Gosse (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=krix33@gmail.com>)
- * [Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=karajas@microsoft.com>)
- * [Jiri {x2} Cincura (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jiri@cincura.net>)

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- * [Stephen Toub (274)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stoub@microsoft.com>)
- * [Jan Kotas (179)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jkotas@microsoft.com>)
- * [Ahson Khan (99)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahkha@microsoft.com>)
- * [Anirudh Agnihotry (74)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)
- * [Geoff Kizer (65)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek>)
- * [Wes Haggard (62)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Wes.Haggard@microsoft.com>)
- * [Jeremy Kuhne (58)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jeremy.kuhne@microsoft.com>)
- * [Jon Hanna (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jon@hackcraft.net>)
- * [Dan Moseley (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)

* [Maryam Ariyan
(45)](<https://github.com/dotnet/corefx/commits/release/2.1?author=maryam.ariyan@microsoft.com>)

* [Tomas Weinfurt (43)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tweinfurt@yahoo.com>)

* [Ben Adams (42)](<https://github.com/dotnet/corefx/commits/release/2.1?author=thundercat@illyriad.co.uk>)

* [Paulo Janotti (41)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pauloja@microsoft.com>)

* [Eric St. John (39)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)

* [Alexander Radchenko
(37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=radchenkosasha@gmail.com>)

*

[Jeremy Barton (37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jbarton@microsoft.com>)

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

* [Viktor Hofer (34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@microsoft.com>)

* [Lakshmi Priya Sekar (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lasekar@microsoft.com>)

* [Marco Rossignoli
(33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com>)

* [Tarek Mahmoud Sayed
(31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tarekms@microsoft.com>)

* [ntr (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ntr@ihfood.dk>)

* [Tom Deseyn (26)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tom.deseyn@gmail.com>)

* [Caesar Chen
(25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=caesar1995@users.noreply.github.com>)

*

[Santiago Fernandez Madero
(25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=saferr@microsoft.com>)

* [Max Kerr (24)](<https://github.com/dotnet/corefx/commits/release/2.1?author=rnkerr@users.noreply.github.com>)

* [Pavel Krymets (22)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pavel@krymets.com>)

* [Ian Hays (19)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ianha@microsoft.com>)

* [Saurabh Singh
(17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=saurabh500@users.noreply.github.com>)

* [Jose Perez Rodriguez
(17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joperezr@microsoft.com>)

* [Brian Robbins (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=brianrob@microsoft.com>)

* [Alex Perovich (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=alperovi@microsoft.com>)

* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=eric.erhardt@microsoft.com>)

*

[Matt Galbraith (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mattgal@microsoft.com>)

* [Jan Vorlicek (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=janvorli@microsoft.com>)

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

* [Huangli Wu (14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com>)

* [ahsonkhan (13)](https://github.com/dotnet/corefx/commits/release/2.1?author=ahson_ahmedk@yahoo.com)

* [Xing Mao (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

* [Karel Zikmund (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=karelz@microsoft.com>)

* [Krzysztof Wicher (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mordotymoja@gmail.com>)

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

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[Viktor Hofer (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@outlook.com>)

* [Steve MacLean
(11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)

* [Matt Mitchell (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mmitche@microsoft.com>)

* [Tanner Gooding (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tagoo@outlook.com>)

* [wtgodbe (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

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

* [David Shulman
(10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=david.shulman@microsoft.com>)

* [Jiayi Yu
(9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=14067510+yujayee@users.noreply.github.com>)

* [David Fowler (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidfowl@gmail.com>)

* [Tom
Matouek (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tmatt@users.noreply.github.com>)

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

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

* [Gene Lee (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gelee@microsoft.com>)

* [Geoff Kizer (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek@microsoft.com>)

* [Tim Seaward (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com>)

* [William Godbe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

* [John Doe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=github.john.doe@outlook.com>)

* [Levi Broderick (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=levib@microsoft.com>)

* [Sung Yoon Whang (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=suwhang@microsoft.com>)

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[Konst Khurin (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kkhurin@microsoft.com>)

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

* [kasper3
(7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com>)

* [Josh Free (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joshfree@users.noreply.github.com>)

* [Keerat Singh (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-kesin@microsoft.com>)

* [Ayende Rahien (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Ayende@ayende.com>)

* [Eric StJohn (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)

* [Shin Mao (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

* [Cory Rivera (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=corivera@microsoft.com>)

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[Fei Peng (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fei.peng@intel.com>)

* [Gnther Foidl (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gue@korporal.at>)

* [Marek Safar (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marek.safar@gmail.com>)

* [Stefan Nikolei (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stefan@nikolei.eu>)

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

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* [Tomas Matousek (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tomat@microsoft.com>)

* [Mike McLaughlin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mikem@microsoft.com>)

* [JC Aguilera (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

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* [Simon Nattress (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nattress@gmail.com>)

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* [Victor Zaytsev (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=allisq3@gmail.com>)

* [Alexander Gusarov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=agusarov@mirantis.com>)

* [Joshua Clark (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=clarkis117@live.com>)

* [vsadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

* [Vladimir Sadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

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[Anipik (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)

* [Ahson Ahmed Khan (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahsonkhan@users.noreply.github.com>)

* [danmosemsft (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)

* [Joel Braun (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Joelbraun@outlook.com>)

* [Petr Onderka (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gs Vick@gmail.com>)

* [Juan Carlos Aguilera Mendez (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

* [Pent Ploompuu (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kaalikas@gmail.com>)

* [Adrian Godong (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adrian.godong@gmail.com>)

* [Andon Andonov (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anandono@microsoft.com>)

* [Andy Ayers (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andya@microsoft.com>)

* [Jon Fortescue (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jofortes@microsoft.com>)

* [Jonathan Dickinson (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jcdickinson@users.noreply.github.com>)

* [Jos Rivero (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jorive@microsoft.com>)

* [Liudmila Molkova (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lmolkova@microsoft.com>)

* [Mandar Sahasrabuddhe (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=WinCPP@users.noreply.github.com>)

* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mabaul@microsoft.com>)

* [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mconnew@microsoft.com>)

* [Oswald Maskens (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ozie@live.be>)

* [Adam Sitnik (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adam.sitnik@gmail.com>)

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[Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sausing@microsoft.com>)

* [Stano Peko (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stano@stanopetko.eu>)

* [Sbastien Ros (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sebastienros@gmail.com>)

* [Tomas Weinfurt (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=toweinfurt@microsoft.com>)

* [Ubuntu (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)

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

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

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)

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

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

* [John Bottenberg (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jobotten@microsoft.com>)

* [mazong1123 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mazong1123@gmail.com>)

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

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

* [JimboWei (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-wjiang@microsoft.com>)

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

* [Jason Shirk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jason@truewheels.net>)

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

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

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

* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=michals@microsoft.com>)

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

* [Jacek Blaszczyński (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=biosciencenow@outlook.com>)

* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ufcpp@live.jp>)

* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=omajid@redhat.com>)

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

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

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

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

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

* [Alexander (1)](https://github.com/dotnet/corefx/commits/release/2.1?author=SenSay_2007@mail.ru)

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

* [PeterChen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=peter3598768@gmail.com>)

* [Frederik Carlier (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frederik.carlier@quamotion.mobi>)

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

* [Raul Hidalgo Caballero (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=raul.hidalgo.sopa@gmail.com>)

* [Rew (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Rew017@hotmail.com>)

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

*

[Robert Matuszewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=robert.matuszewicz@newvoicemedia.com>)

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

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

* [Frans Bouma (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frans@sd.nl>)

* [Filip S. Adamsen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fsa@askcody.dk>)

* [strajkovmsft (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=35152474+strajkovmsft@users.noreply.github.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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By Sean Eron Anderson
seander@cs.stanford.edu

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

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Jean-loup Gailly	Mark Adler
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1.38 mstest.testadapter 1.2.1

1.38.1 Available under license :

MSTest Framework

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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).

This product includes software written by Tim Hudson (tjh@cryptsoft.com).

1.39.2 Available under license :

.NET Core 1.0.0 Contributor List

A big *Thank You* to all who contributed!

Duplicate names are the result of folks making commits under multiple email addresses.

- [CoreCLR](#coreclr)
- [CoreFX](#corefx)
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- [Core Docs](#coredocs)
- [WCF](#wcf)

CoreCLR

- * [Jan Kotas (300)](<https://github.com/dotnet/coreclr/commits/master?author=jkotas@microsoft.com>)
- * [Jan Vorlicek (179)](<https://github.com/dotnet/coreclr/commits/master?author=janvorli@microsoft.com>)
- * [Aditya Mandaleeka (152)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@microsoft.com>)
- * [Mike McLaughlin (143)](<https://github.com/dotnet/coreclr/commits/master?author=mikem@microsoft.com>)
- * [Andy Ayers (119)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)
- * [Pat Gavlin (117)](<https://github.com/dotnet/coreclr/commits/master?author=pagavlin@microsoft.com>)
- * [Kyungwoo Lee (111)](<https://github.com/dotnet/coreclr/commits/master?author=kyulee@microsoft.com>)
- *
- [Matt Ellis (104)](<https://github.com/dotnet/coreclr/commits/master?author=matell@microsoft.com>)
- * [Stephen Toub (104)](<https://github.com/dotnet/coreclr/commits/master?author=stoub@microsoft.com>)
- * [Matt Mitchell (97)](<https://github.com/dotnet/coreclr/commits/master?author=mmitche@microsoft.com>)
- * [Kamil Rytarowski (75)](<https://github.com/dotnet/coreclr/commits/master?author=n54@gmx.com>)
- * [Bruce Forstall (74)](<https://github.com/dotnet/coreclr/commits/master?author=brucefo@microsoft.com>)
- * [Brian Sullivan (66)](<https://github.com/dotnet/coreclr/commits/master?author=briansul@microsoft.com>)
- * [Geoff Norton (62)](<https://github.com/dotnet/coreclr/commits/master?author=grompf@gmail.com>)
- * [Gaurav Khanna (56)](<https://github.com/dotnet/coreclr/commits/master?author=gkhanna@microsoft.com>)
- * [Richard Lander (56)](<https://github.com/dotnet/coreclr/commits/master?author=rlander@microsoft.com>)
- * [John Chen (54)](<https://github.com/dotnet/coreclr/commits/master?author=jochen@microsoft.com>)
- *
- [Rama Krishnan Raghupathy (52)](<https://github.com/dotnet/coreclr/commits/master?author=ramarag@microsoft.com>)
- * [Rahul Kumar (49)](<https://github.com/dotnet/coreclr/commits/master?author=rahku@microsoft.com>)
- * [Lubomir Litchev (46)](<https://github.com/dotnet/coreclr/commits/master?author=lubol@microsoft.com>)
- * [Koundinya Veluri (43)](<https://github.com/dotnet/coreclr/commits/master?author=kouvel@microsoft.com>)
- * [Russ Keldorph (43)](<https://github.com/dotnet/coreclr/commits/master?author=Russ.Keldorph@microsoft.com>)
- * [William Godbe (42)](<https://github.com/dotnet/coreclr/commits/master?author=william.godbe@comcast.net>)
- * [Alex Ghiondea

(39)](<https://github.com/dotnet/coreclr/commits/master?author=ghiondea.alexandru@microsoft.com>)

* [wtgodbe (38)](<https://github.com/dotnet/coreclr/commits/master?author=wigodbe@microsoft.com>)

* [Mike Danes (36)](<https://github.com/dotnet/coreclr/commits/master?author=onemihaid@hotmail.com>)

* [Sejong Oh (36)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@microsoft.com>)

*

[Carol Eidt (34)](<https://github.com/dotnet/coreclr/commits/master?author=carol.eidt@microsoft.com>)

* [Ben Pye (33)](<https://github.com/dotnet/coreclr/commits/master?author=ben@curlybracket.co.uk>)

* [Eugene Zemtsov (33)](<https://github.com/dotnet/coreclr/commits/master?author=Eugene.Zemtsov@microsoft.com>)

* [Sean Gillespie (32)](<https://github.com/dotnet/coreclr/commits/master?author=segilles@microsoft.com>)

* [Brian Robbins (27)](<https://github.com/dotnet/coreclr/commits/master?author=brianrob@microsoft.com>)

* [James Ko (27)](<https://github.com/dotnet/coreclr/commits/master?author=jamesqko@gmail.com>)

* [Lakshmi Priya Sekar (27)](<https://github.com/dotnet/coreclr/commits/master?author=lasekar@microsoft.com>)

* [sivarv (27)](<https://github.com/dotnet/coreclr/commits/master?author=sivarv@microsoft.com>)

* [Davis Goodin (26)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@microsoft.com>)

* [jashook (26)](<https://github.com/dotnet/coreclr/commits/master?author=jashoo@microsoft.com>)

*

[Jostein Kjnigsen (26)](<https://github.com/dotnet/coreclr/commits/master?author=jostein@kjonigsen.net>)

* [Bengu Li (22)](<https://github.com/dotnet/coreclr/commits/master?author=beli@microsoft.com>)

* [Eugene Rozenfeld (22)](<https://github.com/dotnet/coreclr/commits/master?author=erozen@microsoft.com>)

* [Geunsik Lim (22)](<https://github.com/dotnet/coreclr/commits/master?author=geunsik.lim@samsung.com>)

* [Sergiy Kuryata (22)](<https://github.com/dotnet/coreclr/commits/master?author=sergeyk@microsoft.com>)

* [MyungJoo Ham (21)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@samsung.com>)

* [Jonghyun Park (20)](<https://github.com/dotnet/coreclr/commits/master?author=parjong@gmail.com>)

* [Manu (20)](<https://github.com/dotnet/coreclr/commits/master?author=manu-silicon@users.noreply.github.com>)

* [Fadi Hanna (18)](<https://github.com/dotnet/coreclr/commits/master?author=fadim@microsoft.com>)

* [Tijoy Tom Kalathiparambil (18)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytk@microsoft.com>)

*

[Yi Zhang (CLR) (18)](<https://github.com/dotnet/coreclr/commits/master?author=yzha@microsoft.com>)

* [Alexander Kplinger (17)](<https://github.com/dotnet/coreclr/commits/master?author=alex.koeplinger@outlook.com>)

* [Justin Van Patten (17)](<https://github.com/dotnet/coreclr/commits/master?author=jvp@justinvp.com>)

* [Maoni0 (17)](<https://github.com/dotnet/coreclr/commits/master?author=maonis@microsoft.com>)

* [Steve Harter (17)](<https://github.com/dotnet/coreclr/commits/master?author=sharter@microsoft.com>)

* [Eric Erhardt (16)](<https://github.com/dotnet/coreclr/commits/master?author=eric.erhardt@microsoft.com>)

* [Peter Jas (15)](<https://github.com/dotnet/coreclr/commits/master?author=necmon@yahoo.com>)

* [Chris McKinsey (14)](<https://github.com/dotnet/coreclr/commits/master?author=chrismck@microsoft.com>)

* [Jose Perez Rodriguez (14)](<https://github.com/dotnet/coreclr/commits/master?author=joperez@microsoft.com>)

* [Richard L Ford (14)](<https://github.com/dotnet/coreclr/commits/master?author=richford@microsoft.com>)

* [Dmitry-Me (13)](<https://github.com/dotnet/coreclr/commits/master?author=wipedout@yandex.ru>)

* [Eric Erhardt (13)](<https://github.com/dotnet/coreclr/commits/master?author=eerhardt@microsoft.com>)

* [David Mason (12)](<https://github.com/dotnet/coreclr/commits/master?author=davmason@microsoft.com>)

* [Hongtao Yu (12)](<https://github.com/dotnet/coreclr/commits/master?author=Hongtao.Yu@microsoft.com>)

* [Prajwal A N (12)](<https://github.com/dotnet/coreclr/commits/master?author=an.prajwal@samsung.com>)

* [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/coreclr/commits/master?author=bbowyersmyth@live.com.au>)

* [Eugene Zemtsov (10)](<https://github.com/dotnet/coreclr/commits/master?author=e.zemtsov@gmail.com>)

* [Gaurav Khanna (CLR) (10)](<https://github.com/dotnet/coreclr/commits/master?author=gaurav.khanna@microsoft.com>)

* [Pallavi Taneja (10)](<https://github.com/dotnet/coreclr/commits/master?author=pallavit@microsoft.com>)

*

[Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/master?author=sjlee@mail.com>)

* [Tarek Mahmoud Sayed (10)](<https://github.com/dotnet/coreclr/commits/master?author=tarekms@microsoft.com>)

* [Kasper F. Brandt (9)](<https://github.com/dotnet/coreclr/commits/master?author=poizan@poizan.dk>)

* [Michelle McDaniel (9)](<https://github.com/dotnet/coreclr/commits/master?author=adiaaida@gmail.com>)

* [Geunsik Lim (8)](<https://github.com/dotnet/coreclr/commits/master?author=leemgs@users.noreply.github.com>)

* [Hongtao Yu (8)](<https://github.com/dotnet/coreclr/commits/master?author=hoy@microsoft.com>)

* [Jeremy Kuhne (8)](<https://github.com/dotnet/coreclr/commits/master?author=jeremy.kuhne@microsoft.com>)

* [John Bottenberg (8)](<https://github.com/dotnet/coreclr/commits/master?author=jobotten@microsoft.com>)

* [Lubomir Litchev (8)](<https://github.com/dotnet/coreclr/commits/master?author=llitchev@live.com>)

* [Sridhar Periyasamy (8)](<https://github.com/dotnet/coreclr/commits/master?author=sridhper@microsoft.com>)

*

[Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/master?author=swaroops@microsoft.com>)

* [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/master?author=vancem@microsoft.com>)

* [Wes Haggard (8)](<https://github.com/dotnet/coreclr/commits/master?author=Wes.Haggard@microsoft.com>)

* [Deepak Shankargouda (7)](<https://github.com/dotnet/coreclr/commits/master?author=deshank@microsoft.com>)

* [Dick van den Brink (7)](https://github.com/dotnet/coreclr/commits/master?author=d_vandenbrink@outlook.com)

* [Geoff Norton (7)](<https://github.com/dotnet/coreclr/commits/master?author=kangaroo@clr.ninja>)

* [Hugh Bellamy (7)](<https://github.com/dotnet/coreclr/commits/master?author=hughbellars@gmail.com>)

* [Jan Henke (7)](<https://github.com/dotnet/coreclr/commits/master?author=Jan.Henke@tau.jhe.de>)

* [Joel Hendrix (7)](<https://github.com/dotnet/coreclr/commits/master?author=jhendrix@microsoft.com>)

* [Matt Mitchell (7)](<https://github.com/dotnet/coreclr/commits/master?author=matchell@outlook.com>)

*

[Mert (7)](<https://github.com/dotnet/coreclr/commits/master?author=mert@meltabi.com>)

* [MyungJoo Ham (7)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@gmail.com>)

* [Nick Guerrero (7)](<https://github.com/dotnet/coreclr/commits/master?author=nicholgl@microsoft.com>)

* [Swaroop Sridhar (7)](<https://github.com/dotnet/coreclr/commits/master?author=Swaroop.Sridhar@microsoft.com>)

* [Xy Ziemba (7)](<https://github.com/dotnet/coreclr/commits/master?author=xyziemba@microsoft.com>)

* [Bryan Arant (6)](<https://github.com/dotnet/coreclr/commits/master?author=bryanar@microsoft.com>)

* [Jeroen Janssen (6)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen.janssen@gmail.com>)

* [Kshama Pawar (6)](<https://github.com/dotnet/coreclr/commits/master?author=kspawa@microsoft.com>)

* [Nate Amundson (6)](<https://github.com/dotnet/coreclr/commits/master?author=naamunds@microsoft.com>)

* [Sedar Gokbulut (6)](<https://github.com/dotnet/coreclr/commits/master?author=sedarg@microsoft.com>)

*

[Aditya Mandaleeka (5)](<https://github.com/dotnet/coreclr/commits/master?author=adityamandaleeka@users.noreply.github.com>)

* [Andrey Akinshin (5)](<https://github.com/dotnet/coreclr/commits/master?author=andrey.akinshin@gmail.com>)

* [chunseoklee (5)](<https://github.com/dotnet/coreclr/commits/master?author=chunseoklee@naver.com>)

* [Jonathan Taylor (5)](<https://github.com/dotnet/coreclr/commits/master?author=taylorjonl@gmail.com>)

* [Juergen Hoetzel (5)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@archlinux.org>)

* [Maks Naumov (5)](<https://github.com/dotnet/coreclr/commits/master?author=maksqwe1@ukr.net>)

* [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/master?author=gs Vick@gmail.com>)

* [Rich Lander (5)](<https://github.com/dotnet/coreclr/commits/master?author=rich@lander.ca>)

- * [Senthil (5)](<https://github.com/dotnet/coreclr/commits/master?author=schellap@microsoft.com>)
- * [Andrey Kvochko (4)](<https://github.com/dotnet/coreclr/commits/master?author=a.kvochko@samsung.com>)
- * [Ben Boeckel (4)](<https://github.com/dotnet/coreclr/commits/master?author=mathstuf@gmail.com>)
- * [Ben Pye (4)](<https://github.com/dotnet/coreclr/commits/master?author=ben@debian>)
- * [Cagri (4)](<https://github.com/dotnet/coreclr/commits/master?author=caslan@microsoft.com>)
- * [Eric Eilebrecht (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@hotmail.com>)
- * [Eric St. John (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericstj@microsoft.com>)
- * [Evgeny Pavlov (4)](<https://github.com/dotnet/coreclr/commits/master?author=lucenticus@gmail.com>)
- * [Hanjoung Lee (4)](<https://github.com/dotnet/coreclr/commits/master?author=hanjoung.lee@samsung.com>)
- * [Jeremy Barton (4)](<https://github.com/dotnet/coreclr/commits/master?author=jbarton@microsoft.com>)
- * [Jonathan Miller (4)](<https://github.com/dotnet/coreclr/commits/master?author=jonmill@microsoft.com>)
- * [Lee Culver (4)](<https://github.com/dotnet/coreclr/commits/master?author=leculver@microsoft.com>)
- *
- [Natalia Glagoleva (4)](<https://github.com/dotnet/coreclr/commits/master?author=natgla@microsoft.com>)
- * [Ryan Byington (4)](<https://github.com/dotnet/coreclr/commits/master?author=ryanbyi@microsoft.com>)
- * [SaeHie Park (4)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@samsung.com>)
- * [Steven Das (4)](<https://github.com/dotnet/coreclr/commits/master?author=DasAllFolks@users.noreply.github.com>)
- * [Tony Narlock (4)](<https://github.com/dotnet/coreclr/commits/master?author=tony@git-pull.com>)
- * [Zlatko Knezevic (4)](<https://github.com/dotnet/coreclr/commits/master?author=zlakne@microsoft.com>)
- * [Alexandru Ghiondea (3)](<https://github.com/dotnet/coreclr/commits/master?author=alexghi@microsoft.com>)
- * [Anders Jensen-Waud (3)](<https://github.com/dotnet/coreclr/commits/master?author=anders@jensenward.com>)
- * [Ben Adams (3)](<https://github.com/dotnet/coreclr/commits/master?author=thundercat@illyriad.co.uk>)
- * [Chuck Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=chuckm@microsoft.com>)
- * [David Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitchell@logos.com>)
- * [Dmitri-Botcharnikov (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitry.b@samsung.com>)
- * [Dongyun Jin (3)](<https://github.com/dotnet/coreclr/commits/master?author=dongyun.jin@samsung.com>)
- * [Ganesh Ranganathan (3)](<https://github.com/dotnet/coreclr/commits/master?author=ganesh.ranganathan.85@gmail.com>)
- * [Gerald Scott Freeman (3)](<https://github.com/dotnet/coreclr/commits/master?author=gsfreema@gmail.com>)
- * [Gregg Miskelly (3)](<https://github.com/dotnet/coreclr/commits/master?author=greggm@microsoft.com>)
- * [Hadi Brais (3)](<https://github.com/dotnet/coreclr/commits/master?author=hadi.b@live.com>)
- * [Ivan Baravy (3)](<https://github.com/dotnet/coreclr/commits/master?author=i.baravy@samsung.com>)
- * [Jarret Shook (3)](https://github.com/dotnet/coreclr/commits/master?author=jarret_shook@outlook.com)
- *
- [Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/master?author=t2wish@gmail.com>)
- * [Jon Hanna (3)](<https://github.com/dotnet/coreclr/commits/master?author=jon@hackcraft.net>)
- * [Kevin Jones (3)](<https://github.com/dotnet/coreclr/commits/master?author=kevin@vcsjones.com>)
- * [Lee Coward (3)](<https://github.com/dotnet/coreclr/commits/master?author=leecow@microsoft.com>)
- * [Lubomir Litchev (3)](<https://github.com/dotnet/coreclr/commits/master?author=LLITCHEV@users.noreply.github.com>)
- * [Matthew Parkinson (3)](<https://github.com/dotnet/coreclr/commits/master?author=mattpark@microsoft.com>)
- * [Michal Strehovsk (3)](<https://github.com/dotnet/coreclr/commits/master?author=michals@microsoft.com>)
- * [Michelle McDaniel (3)](<https://github.com/dotnet/coreclr/commits/master?author=michelm@microsoft.com>)
- * [Mukul Sabharwal (3)](<https://github.com/dotnet/coreclr/commits/master?author=mjsabby@gmail.com>)
- * [SaeHie Park (3)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@gmail.com>)

*
 [Sergey Andreenko (3)](<https://github.com/dotnet/coreclr/commits/master?author=AC-93@MAIL.RU>)
 * [Tanner Gooding
 (3)](<https://github.com/dotnet/coreclr/commits/master?author=tannergooding@users.noreply.github.com>)
 * [tijoytom (3)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom@gmail.com>)
 * [Zhicheng Zhu (3)](<https://github.com/dotnet/coreclr/commits/master?author=zhizhu@microsoft.com>)
 * [Aaron Havens (2)](<https://github.com/dotnet/coreclr/commits/master?author=arnmac@users.noreply.github.com>)
 * [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=alex.ghiondea@gmail.com>)
 * [Alexandr Nikitin (2)](<https://github.com/dotnet/coreclr/commits/master?author=nikitin.alexandr.a@gmail.com>)
 * [AlexGhiondea
 (2)](<https://github.com/dotnet/coreclr/commits/master?author=AlexGhiondea@users.noreply.github.com>)
 * [Andrew Schwartzmeyer
 (2)](<https://github.com/dotnet/coreclr/commits/master?author=andschwa@microsoft.com>)
 * [Austin
 Wise (2)](<https://github.com/dotnet/coreclr/commits/master?author=AustinWise@gmail.com>)
 * [Ben Monroe (2)](<https://github.com/dotnet/coreclr/commits/master?author=bendono@gmail.com>)
 * [Chase Miller (2)](<https://github.com/dotnet/coreclr/commits/master?author=chase@bawxen.net>)
 * [Eric Eilebrecht (2)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@microsoft.com>)
 * [George Sapkin (2)](<https://github.com/dotnet/coreclr/commits/master?author=george.sapkin@gmail.com>)
 * [gitchomik (2)](<https://github.com/dotnet/coreclr/commits/master?author=gitchomik@users.noreply.github.com>)
 * [Jeff Foster (2)](<https://github.com/dotnet/coreclr/commits/master?author=jeff.foster@acm.org>)
 * [Joseph Tremoulet (2)](<https://github.com/dotnet/coreclr/commits/master?author=jotrem@microsoft.com>)
 * [Knagis (2)](<https://github.com/dotnet/coreclr/commits/master?author=Knagis@users.noreply.github.com>)
 * [Lucas Meijer (2)](<https://github.com/dotnet/coreclr/commits/master?author=lucas@unity3d.com>)
 * [Marqin
 (2)](<https://github.com/dotnet/coreclr/commits/master?author=marqin.pl+git@gmail.com>)
 * [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/master?author=matt.warren@live.co.uk>)
 * [Mikhail Pilin (2)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail@pilin.name>)
 * [Mort Yao (2)](<https://github.com/dotnet/coreclr/commits/master?author=mort.yao@gmail.com>)
 * [noahfalk (2)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@users.noreply.github.com>)
 * [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/master?author=v.nikolaev@samsung.com>)
 * [Prem Ramanathan (2)](<https://github.com/dotnet/coreclr/commits/master?author=premram@microsoft.com>)
 * [Ravi Eda (2)](<https://github.com/dotnet/coreclr/commits/master?author=raeda@microsoft.com>)
 * [Sean Gillespie (2)](<https://github.com/dotnet/coreclr/commits/master?author=sean.william.g@gmail.com>)
 * [Sejong Oh (2)](<https://github.com/dotnet/coreclr/commits/master?author=sejong.oh.25911@outlook.com>)
 * [sergey-raevskiy
 (2)](<https://github.com/dotnet/coreclr/commits/master?author=ccik@inbox.ru>)
 * [shahid-pk (2)](<https://github.com/dotnet/coreclr/commits/master?author=shahid.mrd@hotmail.com>)
 * [shion (2)](<https://github.com/dotnet/coreclr/commits/master?author=tishion@users.noreply.github.com>)
 * [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/master?author=clockwork-muse@outlook.com>)
 * [Vance Morrison (2)](<https://github.com/dotnet/coreclr/commits/master?author=vancemorrison@comcast.net>)
 * [Aaron Bieber (1)](<https://github.com/dotnet/coreclr/commits/master?author=aaron@bolddaemon.com>)
 * [Aditya Mahajan (1)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@umich.edu>)
 * [Alexander Speshilov (1)](<https://github.com/dotnet/coreclr/commits/master?author=speshuric@gmail.com>)
 * [Alexander Vostres (1)](<https://github.com/dotnet/coreclr/commits/master?author=alexx999@gmail.com>)
 * [Alfredo Menendez Sancho
 (1)](<https://github.com/dotnet/coreclr/commits/master?author=alfremen@microsoft.com>)

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[Anders Wenhaug (1)](<https://github.com/dotnet/coreclr/commits/master?author=anders@wenhaug.no>)

* [Andreas Strid (1)](https://github.com/dotnet/coreclr/commits/master?author=andreas_strid@bredband.net)

* [Andrew Au (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewau@microsoft.com>)

* [Andrew Karpov (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewcarpov@gmail.com>)

* [Andrew Stanton-Nurse (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrew@andrewnurse.net>)

* [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)

* [Arkady Shapkin (1)](https://github.com/dotnet/coreclr/commits/master?author=arkadiy_s@inbox.ru)

* [Aurojit Panda (1)](<https://github.com/dotnet/coreclr/commits/master?author=apanda@cs.berkeley.edu>)

* [Ben Gribaudo (1)](<https://github.com/dotnet/coreclr/commits/master?author=me@bengribaudo.com>)

* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bendono@users.noreply.github.com>)

*

[Benjamin Hodgson

(1)](<https://github.com/dotnet/coreclr/commits/master?author=benjamin.hodgson@huddle.com>)

* [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=brobinson@toptensoftware.com>)

* [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=contact@toptensoftware.com>)

* [Brandon Bloom (1)](<https://github.com/dotnet/coreclr/commits/master?author=brandon@evidence.com>)

* [Cagri Aslan (1)](<https://github.com/dotnet/coreclr/commits/master?author=cagriaslan@Andrews-Mac-mini.local>)

* [Carol Eidt (1)](<https://github.com/dotnet/coreclr/commits/master?author=caroleidt@outlook.com>)

* [Cheryl Simmons (1)](<https://github.com/dotnet/coreclr/commits/master?author=cherylws@live.com>)

* [Christian Jacobsen (1)](<https://github.com/dotnet/coreclr/commits/master?author=chribben@gmail.com>)

* [Christopher Currens (1)](<https://github.com/dotnet/coreclr/commits/master?author=ccurrens@microsoft.com>)

* [christos-P (1)](<https://github.com/dotnet/coreclr/commits/master?author=cpaisios@gmail.com>)

*

[Chuck Ries (1)](<https://github.com/dotnet/coreclr/commits/master?author=chuckr@microsoft.com>)

* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/master?author=dharvey@microsoft.com>)

* [Daniel Qiu (1)](<https://github.com/dotnet/coreclr/commits/master?author=qs1328@gmail.com>)

* [David Kean (1)](<https://github.com/dotnet/coreclr/commits/master?author=davkean@microsoft.com>)

* [David Wrighton (1)](<https://github.com/dotnet/coreclr/commits/master?author=davidwr@microsoft.com>)

* [Davis Goodin (1)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@users.noreply.github.com>)

* [DionYe (1)](<https://github.com/dotnet/coreclr/commits/master?author=junye@microsoft.com>)

* [dobe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bernddorn@gmail.com>)

* [Drew DeVault (1)](<https://github.com/dotnet/coreclr/commits/master?author=sir@cmpwn.com>)

* [Drew Scoggins (1)](<https://github.com/dotnet/coreclr/commits/master?author=anscoggi@microsoft.com>)

*

[Eddie Hedges (1)](<https://github.com/dotnet/coreclr/commits/master?author=eddiehedges@gmail.com>)

* [Evgeny Mandrikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=mandrikov@gmail.com>)

* [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/master?author=felipepessoto@hotmail.com>)

* [Gary Coulbourne (1)](<https://github.com/dotnet/coreclr/commits/master?author=bear@bears.org>)

* [geoffkizer (1)](<https://github.com/dotnet/coreclr/commits/master?author=geoffrek>)

* [Geoffrey Huntley (1)](<https://github.com/dotnet/coreclr/commits/master?author=ghuntley@ghuntley.com>)

* [Hanjoung Lee (1)](<https://github.com/dotnet/coreclr/commits/master?author=waterets@gmail.com>)

* [Henry Baba-Weiss (1)](<https://github.com/dotnet/coreclr/commits/master?author=htw@cs.washington.edu>)

* [Immo Landwerth (1)](<https://github.com/dotnet/coreclr/commits/master?author=immo@landwerth.net>)

* [Jack Pappas (1)](<https://github.com/dotnet/coreclr/commits/master?author=jack-pappas@users.noreply.github.com>)

*

[James Ko (1)](<https://github.com/dotnet/coreclr/commits/master?author=kojames8111@gmail.com>)

* [James Singleton
(1)](<https://github.com/dotnet/coreclr/commits/master?author=jpsingleton@users.noreply.github.com>)

* [Jan Henke (1)](<https://github.com/dotnet/coreclr/commits/master?author=janhenke@users.noreply.github.com>)

* [Jared Parsons (1)](<https://github.com/dotnet/coreclr/commits/master?author=jaredpar@microsoft.com>)

* [Jason Young (1)](<https://github.com/dotnet/coreclr/commits/master?author=jason@ytechie.com>)

* [Jason Zhekov (1)](<https://github.com/dotnet/coreclr/commits/master?author=jasssonpet@gmail.com>)

* [Jrmie Galarneau (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeremie.galarneau@gmail.com>)

* [Jeroen Frijters (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen@frijters.net>)

* [Jonathon Rossi (1)](<https://github.com/dotnet/coreclr/commits/master?author=jono@jonorossi.com>)

* [Jonghyun
Park (1)](<https://github.com/dotnet/coreclr/commits/master?author=jh1302.park@samsung.com>)

* [Josh Varty (1)](<https://github.com/dotnet/coreclr/commits/master?author=JoshVarty@users.noreply.github.com>)

* [Jude Melancon
(1)](<https://github.com/dotnet/coreclr/commits/master?author=judemelancon@users.noreply.github.com>)

* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@hoetzel.info>)

* [Justin Cormack (1)](<https://github.com/dotnet/coreclr/commits/master?author=justin@specialbusservice.com>)

* [Kamil Rytarowski
(1)](<https://github.com/dotnet/coreclr/commits/master?author=krytarowski@users.noreply.github.com>)

* [Kevin Mullins (1)](<https://github.com/dotnet/coreclr/commits/master?author=kmullins@gmail.com>)

* [kingces95 (1)](<https://github.com/dotnet/coreclr/commits/master?author=kingces95@users.noreply.github.com>)

* [krk (1)](<https://github.com/dotnet/coreclr/commits/master?author=keremkat@gmail.com>)

* [Krzysztof Cwalina (1)](<https://github.com/dotnet/coreclr/commits/master?author=kcwalina@microsoft.com>)

*

[Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=kurt+github@aadnoy.info>)

* [Lioncash (1)](<https://github.com/dotnet/coreclr/commits/master?author=matthew1800@gmail.com>)

* [Luca (1)](<https://github.com/dotnet/coreclr/commits/master?author=luca.duran@hotmail.com>)

* [Ludovic Henry (1)](<https://github.com/dotnet/coreclr/commits/master?author=ludovic@xamarin.com>)

* [Luqun Lou (1)](<https://github.com/dotnet/coreclr/commits/master?author=luqunl@microsoft.com>)

* [Marcel Gosselin (1)](<https://github.com/dotnet/coreclr/commits/master?author=marcel.gosselin@gmail.com>)

* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=ktos@ktos.info>)

* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=m@badurowicz.net>)

* [Mark Hurd (1)](<https://github.com/dotnet/coreclr/commits/master?author=markehurd@gmail.com>)

* [Marvin (1)](<https://github.com/dotnet/coreclr/commits/master?author=krixdev@gmail.com>)

*

[Matt (1)](<https://github.com/dotnet/coreclr/commits/master?author=mmartell@15J8NM1.mi.corp.rockfin.com>)

* [Matt Burke (1)](<https://github.com/dotnet/coreclr/commits/master?author=git@mattburkedev.com>)

* [Matt Johnson (1)](<https://github.com/dotnet/coreclr/commits/master?author=matt.johnson@microsoft.com>)

* [Matthew Whilden (1)](<https://github.com/dotnet/coreclr/commits/master?author=mwhilden@microsoft.com>)

* [Mikhail I. Krivtsov (1)](<https://github.com/dotnet/coreclr/commits/master?author=m.krivtsov@samsung.com>)

* [Mikhail Pilin (1)](<https://github.com/dotnet/coreclr/commits/master?author=ww898@users.noreply.github.com>)

* [Mili (Yi) Zhang (1)](<https://github.com/dotnet/coreclr/commits/master?author=milizhang@gmail.com>)

* [Mirth Hickford (1)](<https://github.com/dotnet/coreclr/commits/master?author=mirth.hickford@gmail.com>)

* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail.krivtsov@gmail.com>)

* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mkborg@users.noreply.github.com>)

*

[mogemimi (1)](<https://github.com/dotnet/coreclr/commits/master?author=mogemimi@enginetrrouble.net>)

* [Nico Weber (1)](<https://github.com/dotnet/coreclr/commits/master?author=nicolasweber@gmx.de>)

- * [Nicolas Deslandes (1)](<https://github.com/dotnet/coreclr/commits/master?author=ndeslandes@live.fr>)
- * [njoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=indastria@gmail.com>)
- * [Noah Falk (1)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@microsoft.com>)
- * [Pascal Borreli (1)](<https://github.com/dotnet/coreclr/commits/master?author=pascal@borreli.com>)
- * [Pat Gavlin (1)](<https://github.com/dotnet/coreclr/commits/master?author=pgavlin@gmail.com>)
- * [Patrick Lambert (1)](<https://github.com/dotnet/coreclr/commits/master?author=dendory@live.ca>)
- * [paulnice (1)](<https://github.com/dotnet/coreclr/commits/master?author=ru.pchel@gmail.com>)
- * [Pavel Pochobut (1)](<https://github.com/dotnet/coreclr/commits/master?author=pavel.pochobut@gmail.com>)
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- [Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/master?author=pefoley2@pefoley.com>)
- * [Peter Marcu (1)](<https://github.com/dotnet/coreclr/commits/master?author=Peter.Marcu@Microsoft.com>)
- * [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/master?author=prajwal.an92@gmail.com>)
- * [Rajkumar Janakiraman (1)](<https://github.com/dotnet/coreclr/commits/master?author=janakiraman.rajkumar@gmail.com>)
- * [rhadley (1)](<https://github.com/dotnet/coreclr/commits/master?author=rhadley@microsoft.com>)
- * [Roman Pavlov (1)](<https://github.com/dotnet/coreclr/commits/master?author=romansp@users.noreply.github.com>)
- * [Ron Cain (1)](<https://github.com/dotnet/coreclr/commits/master?author=roncain@microsoft.com>)
- * [Rony Batista (1)](<https://github.com/dotnet/coreclr/commits/master?author=rony.batista29@gmail.com>)
- * [Rumesh Eranga (1)](<https://github.com/dotnet/coreclr/commits/master?author=rehrumesh@users.noreply.github.com>)
- * [Sasha Semennikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=alsemenn@microsoft.com>)
- *
- [sbomer (1)](<https://github.com/dotnet/coreclr/commits/master?author=sbomer@gmail.com>)
- * [Scott Harwell (1)](<https://github.com/dotnet/coreclr/commits/master?author=scott@harwell.me>)
- * [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@sejoohubuntu0.guest.corp.microsoft.com>)
- * [Sergei Vorobev (1)](<https://github.com/dotnet/coreclr/commits/master?author=xvorsx@gmail.com>)
- * [Spencer Stephens (1)](<https://github.com/dotnet/coreclr/commits/master?author=spencer.leo.stephens@gmail.com>)
- * [Stephen Cleary (1)](<https://github.com/dotnet/coreclr/commits/master?author=github.ourteddybear@xoxy.net>)
- * [Thomas Klausner (1)](<https://github.com/dotnet/coreclr/commits/master?author=tk@giga.or.at>)
- * [tijoytom (1)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom.com>)
- * [Tom Van Looy (1)](<https://github.com/dotnet/coreclr/commits/master?author=tom@ctors.net>)
- * [Val Menn (1)](<https://github.com/dotnet/coreclr/commits/master?author=vmenn@microsoft.com>)
- *
- [Valery (1)](<https://github.com/dotnet/coreclr/commits/master?author=m08pvv@ya.ru>)
- * [Viacheslav Ivanov (1)](<https://github.com/dotnet/coreclr/commits/master?author=viacheslav.ivanov@gmail.com>)
- * [vkairys (1)](<https://github.com/dotnet/coreclr/commits/master?author=kairys.vilius@gmail.com>)
- * [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/master?author=weshaggard@users.noreply.github.com>)
- * [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/master?author=xiangyang.guo@intel.com>)
- * [zhangkaizhao (1)](<https://github.com/dotnet/coreclr/commits/master?author=zhangkaizhao@gmail.com>)

CoreFX

- * [stephentoub (1298)](<https://github.com/dotnet/corefx/commits/master?author=stoub@microsoft.com>)

* [Eric St. John (308)](<https://github.com/dotnet/corefx/commits/master?author=ericstj@microsoft.com>)

* [Hugh Bellamy (291)](<https://github.com/dotnet/corefx/commits/master?author=hughbellars@gmail.com>)

*

[bartonjs (279)](<https://github.com/dotnet/corefx/commits/master?author=jbarton@microsoft.com>)

* [Jon Hanna (242)](<https://github.com/dotnet/corefx/commits/master?author=jon@hackcraft.net>)

* [Eric Mellino (188)](<https://github.com/dotnet/corefx/commits/master?author=erme@microsoft.com>)

* [Justin Van Patten (186)](<https://github.com/dotnet/corefx/commits/master?author=jvp@justinvp.com>)

* [Matt Ellis (178)](<https://github.com/dotnet/corefx/commits/master?author=matell@microsoft.com>)

* [Nick Guerrero (166)](<https://github.com/dotnet/corefx/commits/master?author=nicholg@microsoft.com>)

* [Ian Hays (156)](<https://github.com/dotnet/corefx/commits/master?author=ianha@microsoft.com>)

* [Lakshmi Priya Sekar (150)](<https://github.com/dotnet/corefx/commits/master?author=lasekar@microsoft.com>)

* [Wes Haggard (146)](<https://github.com/dotnet/corefx/commits/master?author=Wes.Haggard@microsoft.com>)

* [David Shulman (127)](<https://github.com/dotnet/corefx/commits/master?author=david.shulman@microsoft.com>)

*

[Eric Erhardt (114)](<https://github.com/dotnet/corefx/commits/master?author=eric.erhardt@microsoft.com>)

* [Eric Eilebrecht (104)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@hotmail.com>)

* [Matt Mitchell (94)](<https://github.com/dotnet/corefx/commits/master?author=mmitche@microsoft.com>)

* [Maxwe11 (91)](<https://github.com/dotnet/corefx/commits/master?author=turin.dmytro@gmail.com>)

* [Matt Cohn (90)](<https://github.com/dotnet/corefx/commits/master?author=macohn@microsoft.com>)

* [Pallavi Taneja (87)](<https://github.com/dotnet/corefx/commits/master?author=pallavit@microsoft.com>)

* [Christopher Costa (81)](<https://github.com/dotnet/corefx/commits/master?author=chcosta@microsoft.com>)

* [Alexander Kplinger (72)](<https://github.com/dotnet/corefx/commits/master?author=alex.koeplinger@outlook.com>)

* [Bart De Smet (71)](<https://github.com/dotnet/corefx/commits/master?author=bartde@microsoft.com>)

* [Tomas Matousek (69)](<https://github.com/dotnet/corefx/commits/master?author=tomas.matousek@microsoft.com>)

*

[Pat Gavlin (65)](<https://github.com/dotnet/corefx/commits/master?author=pgavlin@gmail.com>)

* [Andrew Arnott (63)](<https://github.com/dotnet/corefx/commits/master?author=andarno@microsoft.com>)

* [Khoa Dang (62)](<https://github.com/dotnet/corefx/commits/master?author=Khoa.Dang@microsoft.com>)

* [Cory Rivera (61)](<https://github.com/dotnet/corefx/commits/master?author=corivera@microsoft.com>)

* [Jonathan Miller (58)](<https://github.com/dotnet/corefx/commits/master?author=jonmill@microsoft.com>)

* [Charles Lowell (57)](<https://github.com/dotnet/corefx/commits/master?author=chlowe@microsoft.com>)

* [Atsushi Kanamori (56)](<https://github.com/dotnet/corefx/commits/master?author=atsushik@microsoft.com>)

* [Saurabh Singh (51)](<https://github.com/dotnet/corefx/commits/master?author=saurabh500@gmail.com>)

* [Stephen A. Imhoff (50)](<https://github.com/dotnet/corefx/commits/master?author=clockwork-muse@outlook.com>)

* [Joel Hendrix (48)](<https://github.com/dotnet/corefx/commits/master?author=jhendrix@microsoft.com>)

*

[Krzysztof Wicher (47)](<https://github.com/dotnet/corefx/commits/master?author=kwicher@microsoft.com>)

* [James Ko (45)](<https://github.com/dotnet/corefx/commits/master?author=jamesqko@gmail.com>)

* [Krzysztof Cwalina (43)](<https://github.com/dotnet/corefx/commits/master?author=kcwalina@microsoft.com>)

* [Khoa Dang (39)](<https://github.com/dotnet/corefx/commits/master?author=khdang@microsoft.com>)

* [Jose Perez Rodriguez (37)](<https://github.com/dotnet/corefx/commits/master?author=joperezr@microsoft.com>)

* [Tarek Mahmoud Sayed (37)](<https://github.com/dotnet/corefx/commits/master?author=tarekms@microsoft.com>)

* [Peter Jas (35)](<https://github.com/dotnet/corefx/commits/master?author=necmon@yahoo.com>)

* [Vance Morrison (35)](<https://github.com/dotnet/corefx/commits/master?author=vancem@microsoft.com>)

* [Cristian Pop (34)](<https://github.com/dotnet/corefx/commits/master?author=Cristian.Pop@microsoft.com>)

* [Taylor Southwick (34)](<https://github.com/dotnet/corefx/commits/master?author=tasou@microsoft.com>)

*

[Shmueli England (33)](<https://github.com/dotnet/corefx/commits/master?author=shmueli.yosef@englard.net>)

* [Davis Goodin (31)](<https://github.com/dotnet/corefx/commits/master?author=dagood@microsoft.com>)

* [Deepak Shankargouda (31)](<https://github.com/dotnet/corefx/commits/master?author=deshank@microsoft.com>)

* [Jeremy Kuhne (30)](<https://github.com/dotnet/corefx/commits/master?author=jeremy.kuhne@microsoft.com>)

* [vsadov (27)](<https://github.com/dotnet/corefx/commits/master?author=vsadov@microsoft.com>)

* [Alex Ghiondea (26)](<https://github.com/dotnet/corefx/commits/master?author=ghiondea.alexandru@microsoft.com>)

* [Hemanth Kapila (24)](<https://github.com/dotnet/corefx/commits/master?author=saihemanth@gmail.com>)

* [Immo Landwerth (24)](<https://github.com/dotnet/corefx/commits/master?author=immol@microsoft.com>)

* [Mariana Rios Flores (23)](<https://github.com/dotnet/corefx/commits/master?author=mariari@microsoft.com>)

* [Shin Mao (20)](<https://github.com/dotnet/corefx/commits/master?author=shmao@microsoft.com>)

* [Jan Kotas (19)](<https://github.com/dotnet/corefx/commits/master?author=jkotas@microsoft.com>)

* [Kamil Rytarowski (19)](<https://github.com/dotnet/corefx/commits/master?author=n54@gmx.com>)

* [Bruce Bowyer-Smyth (18)](<https://github.com/dotnet/corefx/commits/master?author=bbowyersmyth@live.com.au>)

* [Shruti Garg (18)](<https://github.com/dotnet/corefx/commits/master?author=shgarg@microsoft.com>)

* [Steve Harter (18)](<https://github.com/dotnet/corefx/commits/master?author=sharter@microsoft.com>)

* [Venkatraman Mahalingam (18)](<https://github.com/dotnet/corefx/commits/master?author=vemaha@microsoft.com>)

* [Julien Couvreur (17)](<https://github.com/dotnet/corefx/commits/master?author=julien.couvreur@gmail.com>)

* [Matt Johnson (17)](<https://github.com/dotnet/corefx/commits/master?author=matt.johnson@microsoft.com>)

* [Rajan Singh (17)](<https://github.com/dotnet/corefx/commits/master?author=rajansin@microsoft.com>)

*

[Sam Harwell (17)](<https://github.com/dotnet/corefx/commits/master?author=sam@tunnelvisionlabs.com>)

* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@microsoft.com>)

* [MarkPflug (16)](<https://github.com/dotnet/corefx/commits/master?author=mark.pflug@live.com>)

* [Sridhar Periyasamy (15)](<https://github.com/dotnet/corefx/commits/master?author=sridhper@microsoft.com>)

* [kkurni (14)](<https://github.com/dotnet/corefx/commits/master?author=kkurni@microsoft.com>)

* [Jeremy Kuhne (13)](<https://github.com/dotnet/corefx/commits/master?author=jkuhne@microsoft.com>)

* [Nate Slottow (13)](<https://github.com/dotnet/corefx/commits/master?author=naslotto@microsoft.com>)

* [Pat Gavlin (13)](<https://github.com/dotnet/corefx/commits/master?author=pagavlin@microsoft.com>)

* [Patrick McDonald (13)](<https://github.com/dotnet/corefx/commits/master?author=paddymcdonald@gmail.com>)

* [Tom Matouek (13)](<https://github.com/dotnet/corefx/commits/master?author=tmat@users.noreply.github.com>)

*

[Vijay Kota (13)](<https://github.com/dotnet/corefx/commits/master?author=vijayko@microsoft.com>)

* [Axel Heer (12)](<https://github.com/dotnet/corefx/commits/master?author=axel@heer.eu>)

* [Eric Eilebrecht (12)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@users.noreply.github.com>)

* [Jared Parsons (12)](<https://github.com/dotnet/corefx/commits/master?author=jaredpar@microsoft.com>)

* [Lakshmi Priya (12)](<https://github.com/dotnet/corefx/commits/master?author=Priya91@users.noreply.github.com>)

* [Alfredo Menendez Sancho (11)](<https://github.com/dotnet/corefx/commits/master?author=alfremen@microsoft.com>)

* [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/corefx/commits/master?author=contact@wmf2wpf.com>)

* [David Fowler (11)](<https://github.com/dotnet/corefx/commits/master?author=davidfowl@gmail.com>)

* [James Ko (11)](<https://github.com/dotnet/corefx/commits/master?author=kojames8111@gmail.com>)

* [Jan Henke (11)](<https://github.com/dotnet/corefx/commits/master?author=Jan.Henke@tau.jhe.de>)

*

[Koundinya Veluri (11)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@microsoft.com>)

* [Matt Galbraith (11)](<https://github.com/dotnet/corefx/commits/master?author=MattGal@users.noreply.github.com>)

* [Nate Amundson (11)](<https://github.com/dotnet/corefx/commits/master?author=naamunds@microsoft.com>)

* [Peter Marcu (11)](<https://github.com/dotnet/corefx/commits/master?author=Peter.Marcu@Microsoft.com>)

* [SGuy Ge (11)](<https://github.com/dotnet/corefx/commits/master?author=sguyge@microsoft.com>)

* [Thomas Stringer (11)](<https://github.com/dotnet/corefx/commits/master?author=tr.stringer@outlook.com>)

* [Vancem (11)](<https://github.com/dotnet/corefx/commits/master?author=VanceMorrison@comcast.net>)

* [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/master?author=gkhanna@microsoft.com>)

* [ikopylov (10)](<https://github.com/dotnet/corefx/commits/master?author=ikopylov@users.noreply.github.com>)

* [Richard Lander (10)](<https://github.com/dotnet/corefx/commits/master?author=rlander@microsoft.com>)

*

[_aLfa_ (9)](<https://github.com/dotnet/corefx/commits/master?author=mail@joaodias.eu>)

* [Dmitry-Me (9)](<https://github.com/dotnet/corefx/commits/master?author=wipedout@yandex.ru>)

* [Guillermo Rangel (9)](<https://github.com/dotnet/corefx/commits/master?author=josra@microsoft.com>)

* [Matt Mitchell (9)](<https://github.com/dotnet/corefx/commits/master?author=matchell@outlook.com>)

* [Wes Haggard (9)](<https://github.com/dotnet/corefx/commits/master?author=weshaggard@users.noreply.github.com>)

* [David Kean (8)](<https://github.com/dotnet/corefx/commits/master?author=davkean@microsoft.com>)

* [Frank M (8)](<https://github.com/dotnet/corefx/commits/master?author=frankmand@outlook.com>)

* [Saurabh Singh (8)](<https://github.com/dotnet/corefx/commits/master?author=sausing@microsoft.com>)

* [Dan Moseley (7)](<https://github.com/dotnet/corefx/commits/master?author=danmose@microsoft.com>)

* [Josh Free (7)](<https://github.com/dotnet/corefx/commits/master?author=joshfree@users.noreply.github.com>)

*

[Matt Galbraith (7)](<https://github.com/dotnet/corefx/commits/master?author=mattgal@microsoft.com>)

* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/master?author=gs Vick@gmail.com>)

* [richamsft (7)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

* [Ben Bader (6)](<https://github.com/dotnet/corefx/commits/master?author=ben@bendb.com>)

* [bjjones (6)](<https://github.com/dotnet/corefx/commits/master?author=brandon1.jones@intel.com>)

* [David Mason (6)](<https://github.com/dotnet/corefx/commits/master?author=davmason@microsoft.com>)

* [Geunsik Lim (6)](<https://github.com/dotnet/corefx/commits/master?author=geunsik.lim@samsung.com>)

* [Marc Wrth (6)](<https://github.com/dotnet/corefx/commits/master?author=ravage@bluewin.ch>)

* [Parker Shelton (6)](<https://github.com/dotnet/corefx/commits/master?author=parker.shelton@gmail.com>)

* [sepidehMS (6)](<https://github.com/dotnet/corefx/commits/master?author=sekho@microsoft.com>)

*

[Bernie Schoch (5)](<https://github.com/dotnet/corefx/commits/master?author=bpschoch@gmail.com>)

* [Eric Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@microsoft.com>)

* [Hannah Zhang (5)](<https://github.com/dotnet/corefx/commits/master?author=t-hazhan@microsoft.com>)

* [Ioana Crant (5)](<https://github.com/dotnet/corefx/commits/master?author=ioana.crant@gmail.com>)

* [Jostein Kjnigsen (5)](<https://github.com/dotnet/corefx/commits/master?author=jostein@kjonigsen.net>)

* [Karthik Rajasekaran (5)](<https://github.com/dotnet/corefx/commits/master?author=karajas@microsoft.com>)

* [Matt Connew (5)](<https://github.com/dotnet/corefx/commits/master?author=mconnew@microsoft.com>)

* [Omari Omarov (5)](<https://github.com/dotnet/corefx/commits/master?author=omario@outlook.com>)

* [Oren Novotny (5)](<https://github.com/dotnet/corefx/commits/master?author=oren@novotny.org>)

* [Shaun Wilde (5)](https://github.com/dotnet/corefx/commits/master?author=shaun_wilde@hotmail.com)

*

[Wes Haggard (5)](<https://github.com/dotnet/corefx/commits/master?author=wesh@microsoft.com>)

* [Alexander Kozlenko (4)](<https://github.com/dotnet/corefx/commits/master?author=alexander.kozlenko@live.com>)

* [Andrew Arnott (4)](<https://github.com/dotnet/corefx/commits/master?author=andrewarnott@gmail.com>)

* [Chad Nedzlek (4)](<https://github.com/dotnet/corefx/commits/master?author=chadnedz@microsoft.com>)

* [Eric White (4)](<https://github.com/dotnet/corefx/commits/master?author=eric@ericwhite.com>)

* [John Bottenberg (4)](<https://github.com/dotnet/corefx/commits/master?author=jobotten@microsoft.com>)

* [Kevin Jones (4)](<https://github.com/dotnet/corefx/commits/master?author=kevin@vcsjones.com>)

* [Kwang Yul Seo (4)](<https://github.com/dotnet/corefx/commits/master?author=kwangyul.seo@gmail.com>)

* [Manu (4)](<https://github.com/dotnet/corefx/commits/master?author=manu-silicon@users.noreply.github.com>)

* [Page-Not-Found (4)](<https://github.com/dotnet/corefx/commits/master?author=siren6029@gmail.com>)

*

[Pavel Labovich (4)](<https://github.com/dotnet/corefx/commits/master?author=p.labovich@gmail.com>)

* [Rafid K. Abdullah (4)](<https://github.com/dotnet/corefx/commits/master?author=rafidka@gmail.com>)

* [rozm (4)](<https://github.com/dotnet/corefx/commits/master?author=rozm@ciklum.com>)

* [scorpion (4)](<https://github.com/dotnet/corefx/commits/master?author=scorpion.jze@gmail.com>)

* [Stephen Bonikowsky (4)](<https://github.com/dotnet/corefx/commits/master?author=stebon@microsoft.com>)

* [Vijay Kota (4)](<https://github.com/dotnet/corefx/commits/master?author=vijaykota@users.noreply.github.com>)

* [Ying Peng (4)](<https://github.com/dotnet/corefx/commits/master?author=YingP@microsoft.com>)

* [Zlatko Knezevic (4)](<https://github.com/dotnet/corefx/commits/master?author=zlakne@microsoft.com>)

* [Aleksey Tsingauz (3)](<https://github.com/dotnet/corefx/commits/master?author=alekseyt@microsoft.com>)

* [Alex Perovich (3)](<https://github.com/dotnet/corefx/commits/master?author=alperovi@microsoft.com>)

*

[Alexander Vostres (3)](<https://github.com/dotnet/corefx/commits/master?author=alexx999@gmail.com>)

* [Alexandr Nikitin (3)](<https://github.com/dotnet/corefx/commits/master?author=nikitin.alexandr.a@gmail.com>)

* [Amy Qiu (3)](<https://github.com/dotnet/corefx/commits/master?author=umberos@gmail.com>)

* [Andrey Akinshin (3)](<https://github.com/dotnet/corefx/commits/master?author=andrey.akinshin@gmail.com>)

* [Bar Arnon (3)](<https://github.com/dotnet/corefx/commits/master?author=I3arnon@gmail.com>)

* [Brian Robbins (3)](<https://github.com/dotnet/corefx/commits/master?author=brianrob@microsoft.com>)

* [Cory Nelson (3)](<https://github.com/dotnet/corefx/commits/master?author=cnelson@ctlglobalsolutions.com>)

* [Dmitry Kakurin (3)](<https://github.com/dotnet/corefx/commits/master?author=dmitryk@microsoft.com>)

* [Gaurav Khanna (CLR) (3)](<https://github.com/dotnet/corefx/commits/master?author=gaurav.khanna@microsoft.com>)

* [Geoffrey Huntley (3)](<https://github.com/dotnet/corefx/commits/master?author=ghuntley@ghuntley.com>)

*

[Hemanth Kapila (3)](<https://github.com/dotnet/corefx/commits/master?author=skapila@microsoft.com>)

* [John Cunningham (3)](<https://github.com/dotnet/corefx/commits/master?author=jac009@outlook.com>)

* [Josh Free (3)](<https://github.com/dotnet/corefx/commits/master?author=jfree@microsoft.com>)

* [Mike McLaughlin (3)](<https://github.com/dotnet/corefx/commits/master?author=mikem@microsoft.com>)

* [Nadia (3)](<https://github.com/dotnet/corefx/commits/master?author=natkach@microsoft.com>)

* [Ron Cain (3)](<https://github.com/dotnet/corefx/commits/master?author=roncain@microsoft.com>)

* [Tomas Matousek (3)](<https://github.com/dotnet/corefx/commits/master?author=toamat@microsoft.com>)

* [Ufuk Hacoullar (3)](<https://github.com/dotnet/corefx/commits/master?author=ufukhaciogullari@gmail.com>)

* [William Godbe (3)](<https://github.com/dotnet/corefx/commits/master?author=william.godbe@comcast.net>)

* [Alex Sorokoletov (2)](<https://github.com/dotnet/corefx/commits/master?author=alex@dreamteam-mobile.com>)

*

[Alexander Speshilov (2)](<https://github.com/dotnet/corefx/commits/master?author=speshuric@gmail.com>)

* [Andrew Au (2)](<https://github.com/dotnet/corefx/commits/master?author=andrewau@microsoft.com>)

* [Ankit Sinha (2)](<https://github.com/dotnet/corefx/commits/master?author=ankitbko@gmail.com>)

* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/master?author=AustinWise@gmail.com>)

* [Ben Adams (2)](<https://github.com/dotnet/corefx/commits/master?author=thundercat@illyriad.co.uk>)

* [Ben Pye (2)](<https://github.com/dotnet/corefx/commits/master?author=ben@curlybracket.co.uk>)

* [Cristian Pop (2)](<https://github.com/dotnet/corefx/commits/master?author=CIPop@users.noreply.github.com>)

* [David Guyonvarch (2)](<https://github.com/dotnet/corefx/commits/master?author=guyonvarch.david@gmail.com>)

* [Dmitri Botcharnikov (2)](<https://github.com/dotnet/corefx/commits/master?author=dmitry.b@samsung.com>)

* [Eric Erhardt (2)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@Eric-MacBook-Pro.local>)

*

[Gregg Miskelly (2)](<https://github.com/dotnet/corefx/commits/master?author=greggm@microsoft.com>)

* [jbe2277 (2)](<https://github.com/dotnet/corefx/commits/master?author=jbe2277@users.noreply.github.com>)

* [Jeff Handley (2)](<https://github.com/dotnet/corefx/commits/master?author=jeffhandley@users.noreply.github.com>)

* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/master?author=jy910.yun@samsung.com>)

* [Joe Tremblay (2)](<https://github.com/dotnet/corefx/commits/master?author=jos.trem@gmail.com>)

* [kapilash (2)](<https://github.com/dotnet/corefx/commits/master?author=kapilash@outlook.com>)

* [Kasey Uhlenhuth (2)](<https://github.com/dotnet/corefx/commits/master?author=kaseyu@microsoft.com>)

* [Kristian Hellang (2)](<https://github.com/dotnet/corefx/commits/master?author=kristian@hellang.com>)

* [lajones (2)](<https://github.com/dotnet/corefx/commits/master?author=lajones@microsoft.com>)

* [Lee Coward (2)](<https://github.com/dotnet/corefx/commits/master?author=leecow@microsoft.com>)

*

[leppie (2)](<https://github.com/dotnet/corefx/commits/master?author=xacc.ide@gmail.com>)

* [loulouqun (2)](<https://github.com/dotnet/corefx/commits/master?author=loulouqun@hotmail.com>)

* [Maksym Rozborskyi (2)](<https://github.com/dotnet/corefx/commits/master?author=hexelium@gmail.com>)

* [Marcin Juraszek (2)](<https://github.com/dotnet/corefx/commits/master?author=mail@marcinjuraszek.com>)

* [Nate McMaster (2)](<https://github.com/dotnet/corefx/commits/master?author=nate.mcmaster@microsoft.com>)

* [Patrik Svensson (2)](<https://github.com/dotnet/corefx/commits/master?author=patrik@patriksvensson.se>)

* [Peter Marcu (2)](<https://github.com/dotnet/corefx/commits/master?author=pmarcu@microsoft.com>)

* [ProgramFOX (2)](<https://github.com/dotnet/corefx/commits/master?author=programfox@hotmail.be>)

* [Rainer Sigwald (2)](<https://github.com/dotnet/corefx/commits/master?author=raines@microsoft.com>)

* [Richa Verma (2)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

*

[Sedar Gokbulut (2)](<https://github.com/dotnet/corefx/commits/master?author=sedarg@microsoft.com>)

* [Steve Harter (2)](<https://github.com/dotnet/corefx/commits/master?author=steveharter@users.noreply.github.com>)

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

* [Toni Petrina (2)](<https://github.com/dotnet/corefx/commits/master?author=tpetrina@tpetrina.com>)

* [Trent Raymond (2)](<https://github.com/dotnet/corefx/commits/master?author=roydukkey@gmail.com>)

* [Abdurrahman Kken (1)](<https://github.com/dotnet/corefx/commits/master?author=akoken@outlook.com>)

* [Adam Ralph (1)](<https://github.com/dotnet/corefx/commits/master?author=adam@adamralph.com>)

* [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/master?author=adityam@microsoft.com>)

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

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

*

[Alex Recker (1)](<https://github.com/dotnet/corefx/commits/master?author=alex@reckerfamily.com>)

* [Alfred White (1)](<https://github.com/dotnet/corefx/commits/master?author=AlgorithmsAreCool@gmail.com>)

* [Alicia Li (1)](<https://github.com/dotnet/corefx/commits/master?author=Alicial@Microsoft.com>)

* [andi9310 (1)](<https://github.com/dotnet/corefx/commits/master?author=andrzej.podgorski@hotmail.com>)

* [Andrea Martinelli (1)](<https://github.com/dotnet/corefx/commits/master?author=antiufo@gmail.com>)

* [Andrew (1)](<https://github.com/dotnet/corefx/commits/master?author=andrewshirokoff@gmail.com>)

* [Andrew Arnott (1)](<https://github.com/dotnet/corefx/commits/master?author=andrew.arnott@microsoft.com>)

* [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/master?author=anpete@microsoft.com>)

* [Andrew Schwartzmeyer (1)](<https://github.com/dotnet/corefx/commits/master?author=andschwa@microsoft.com>)

* [Anubhav Saini (1)](<https://github.com/dotnet/corefx/commits/master?author=IAmAnubhavSaini@GMail.com>)

*

[Arkady Shapkin (1)](https://github.com/dotnet/corefx/commits/master?author=arkadiy_s@inbox.ru)

* [Ashley Mannix (1)](<https://github.com/dotnet/corefx/commits/master?author=admin@kodr.com.au>)

* [Ben Bader (1)](<https://github.com/dotnet/corefx/commits/master?author=ben@getkeepsafe.com>)

* [Ben Gribaudo (1)](<https://github.com/dotnet/corefx/commits/master?author=me@bengribaudo.com>)

* [Benjamin Hodgson (1)](<https://github.com/dotnet/corefx/commits/master?author=benjamin.hodgson@huddle.com>)

* [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/master?author=billwert@microsoft.com>)

* [Blanche (1)](<https://github.com/dotnet/corefx/commits/master?author=blanche012006@yahoo.ca>)

* [BrennanConroy (1)](<https://github.com/dotnet/corefx/commits/master?author=brecon@microsoft.com>)

* [briangru (1)](<https://github.com/dotnet/corefx/commits/master?author=grunk@live.com>)

* [Chamila Chulatunga (1)](<https://github.com/dotnet/corefx/commits/master?author=chamila.chulatunga@gmail.com>)

*

[Chris Bohm (1)](<https://github.com/dotnet/corefx/commits/master?author=chrisboh@microsoft.com>)

* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/master?author=crummel@microsoft.com>)

* [Daniel Paoliello (1)](<https://github.com/dotnet/corefx/commits/master?author=daniel@meta-sys.info>)

* [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/master?author=daplaist@microsoft.com>)

* [Daniel Trebbien (1)](<https://github.com/dotnet/corefx/commits/master?author=dtrebbien@gmail.com>)

* [David Zucker (1)](<https://github.com/dotnet/corefx/commits/master?author=davzucky@hotmail.com>)

* [Dimitar Dimitrov (1)](<https://github.com/dotnet/corefx/commits/master?author=dimitrov2k@gmail.com>)

* [Dmitry Vakylenko (1)](<https://github.com/dotnet/corefx/commits/master?author=kremdima@mail.ru>)

* [DmitryGaravsky (1)](<https://github.com/dotnet/corefx/commits/master?author=garavskydmitry@gmail.com>)

* [Dominic Catherin (1)](<https://github.com/dotnet/corefx/commits/master?author=dominic.catherin@gmail.com>)

*

[Edward Kim (1)](<https://github.com/dotnet/corefx/commits/master?author=onward.edkim@gmail.com>)

* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eadordzhiev@users.noreply.github.com>)

* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eldardordzhiev@gmail.com>)

* [Eli Arbel (1)](<https://github.com/dotnet/corefx/commits/master?author=aelij@arbel.net>)

* [Eric White (1)](<https://github.com/dotnet/corefx/commits/master?author=v-ericwh@microsoft.com>)

* [Erik Schierboom (1)](https://github.com/dotnet/corefx/commits/master?author=erik_schierboom@hotmail.com)

* [Erwin Janssen (1)](<https://github.com/dotnet/corefx/commits/master?author=erwinjanssen@outlook.com>)

* [Gabriel (1)](<https://github.com/dotnet/corefx/commits/master?author=developer.gabriel@gmail.com>)

* [Gareth Thomas (1)](<https://github.com/dotnet/corefx/commits/master?author=gareth.thomas@cdsms.co.uk>)

* [Gerald Scott Freeman (1)](<https://github.com/dotnet/corefx/commits/master?author=gsfreema@gmail.com>)

* [Gerjan (1)](<https://github.com/dotnet/corefx/commits/master?author=gkonterman@gmail.com>)

* [Gert Driesen (1)](<https://github.com/dotnet/corefx/commits/master?author=gert.driesen@telenet.be>)

* [Geunsik Lim (1)](<https://github.com/dotnet/corefx/commits/master?author=geunsik@samsung.com>)

* [Giorgi Dalakishvili (1)](<https://github.com/dotnet/corefx/commits/master?author=mcnamaragio@gmail.com>)

- * [Gopal Adhikari (1)](<https://github.com/dotnet/corefx/commits/master?author=gopala@email.arizona.edu>)
- * [Govert van Drimmelen (1)](<https://github.com/dotnet/corefx/commits/master?author=govert@icon.co.za>)
- * [Govind Sahai (1)](<https://github.com/dotnet/corefx/commits/master?author=gsiitbhu@gmail.com>)
- * [Grzegorz Roniecki (1)](<https://github.com/dotnet/corefx/commits/master?author=xaerxess@gmail.com>)
- * [Guclu Ozturk (1)](<https://github.com/dotnet/corefx/commits/master?author=gucluozturk@gmail.com>)
- * [Ilya Biryukov (1)](<https://github.com/dotnet/corefx/commits/master?author=ilbiryuk@microsoft.com>)
- * [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/master?author=immo@landwerth.net>)
- * [jacobcarpenter (1)](<https://github.com/dotnet/corefx/commits/master?author=github@jacobcarpenter.com>)
- * [Jake Petroules (1)](<https://github.com/dotnet/corefx/commits/master?author=jake.petroules@petroules.com>)
- * [Jarret Shook (1)](https://github.com/dotnet/corefx/commits/master?author=jarret_shook@outlook.com)
- * [jashook (1)](<https://github.com/dotnet/corefx/commits/master?author=jashoo@microsoft.com>)
- * [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/master?author=jasonpang@outlook.com>)
- * [jasonwoods-7 (1)](<https://github.com/dotnet/corefx/commits/master?author=jwoods@appliedsystems.com>)
- * [Jb Evain (1)](<https://github.com/dotnet/corefx/commits/master?author=jb@evain.net>)
- * [jbuisson (1)](<https://github.com/dotnet/corefx/commits/master?author=jbuisson@octo.com>)
- * [Jeff Foster (1)](<https://github.com/dotnet/corefx/commits/master?author=jeff.foster@acm.org>)
- *
- [Jeremy Barton (1)](<https://github.com/dotnet/corefx/commits/master?author=bartonjs@jsb-mac.local>)
- * [Joe Tremblay (1)](<https://github.com/dotnet/corefx/commits/master?author=joe.tremblay@ncr.com>)
- * [John Bentley (1)](<https://github.com/dotnet/corefx/commits/master?author=john@johnbentley.ninja>)
- * [John Chen (CLR) (1)](<https://github.com/dotnet/corefx/commits/master?author=jochen@microsoft.com>)
- * [Jon Miller (1)](<https://github.com/dotnet/corefx/commits/master?author=sokket@outlook.com>)
- * [Jonathon Rossi (1)](<https://github.com/dotnet/corefx/commits/master?author=jono@jonorossi.com>)
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- * [Joseph Lennox (1)](<https://github.com/dotnet/corefx/commits/master?author=jlennox@gmail.com>)
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- * [Kamran Ayub (1)](<https://github.com/dotnet/corefx/commits/master?author=kamran.ayub@gmail.com>)
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- * [Kevin Pilch-Bisson (1)](<https://github.com/dotnet/corefx/commits/master?author=me@pilchie.com>)
- * [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@users.noreply.github.com>)
- * [Lukasz Wolanin (1)](<https://github.com/dotnet/corefx/commits/master?author=lukasz.wolanin@pracuj.pl>)
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- * [Marek (1)](<https://github.com/dotnet/corefx/commits/master?author=GitHub@marekfiser.cz>)
- * [Mark Hurd (1)](<https://github.com/dotnet/corefx/commits/master?author=markehurd@gmail.com>)
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- * [Michael Aird (1)](<https://github.com/dotnet/corefx/commits/master?author=michael.aird@gmail.com>)
- * [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/master?author=michals@microsoft.com>)
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* [Jared Parsons (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpparsons@gmail.com>)

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* [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rajesh.kakadia@gmail.com>)

* [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=victor.hurdugaci@microsoft.com>)

* [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajaybhargavb@gmail.com>)

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

* [Alex KeySmith
(1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=AlexKeySmith@users.noreply.github.com>)

* [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=alpaix@outlook.com>)

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[Alexander Kozlenko (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=alexander.kozlenko@live.com>)

* [Bart Koelman
(1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)

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* [Brian Robbins (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=brianrob@microsoft.com>)

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* [Cesar Blum Silveira (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=cesars@microsoft.com>)

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* [Dennis Fischer (1)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=fischer_dennis@live.de)

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

* [Eric Erhardt (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eerhardt@Eric-MacBook-Pro.local>)

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

* [factormystic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=factormystic@gmail.com>)

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 * [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kyulee@microsoft.com>)
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 * [Nate McMaster (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nate.mcmaster@microsoft.com>)
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* [Qinen Zhu (12)](<https://github.com/dotnet/core-docs/commits/master?author=qinzhu@microsoft.com>)

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[Liangying (7)](<https://github.com/dotnet/core-docs/commits/master?author=lianwei@microsoft.com>)

* [Steven Das (7)](<https://github.com/dotnet/core-docs/commits/master?author=DasAllFolks@users.noreply.github.com>)

* [Kemp Brown (5)](<https://github.com/dotnet/core-docs/commits/master?author=kempb1@hotmail.com>)

* [Daniel Roth (4)](<https://github.com/dotnet/core-docs/commits/master?author=danroth27@hotmail.com>)

* [Duncan Mackenzie (4)](<https://github.com/dotnet/core-docs/commits/master?author=duncanma@microsoft.com>)

* [Bertrand Le Roy (3)](<https://github.com/dotnet/core-docs/commits/master?author=bertrandleroy@gmail.com>)

* [blackdwarf (3)](<https://github.com/dotnet/core-docs/commits/master?author=blackdwarf@msforge.net>)

* [Eric StJohn (3)](<https://github.com/dotnet/core-docs/commits/master?author=ericstj@microsoft.com>)

* [Kemp Brown (3)](<https://github.com/dotnet/core-docs/commits/master?author=kempb@microsoft.com>)

* [Maira Wenzel (3)](<https://github.com/dotnet/core-docs/commits/master?author=mairaw@microsoft.com>)

*

[Scott Hanselman (3)](<https://github.com/dotnet/core-docs/commits/master?author=scott@hanselman.com>)

* [Usman Prashant Satish (3)](<https://github.com/dotnet/core-docs/commits/master?author=anotherkabab@gmail.com>)

* [Brett Morrison (2)](<https://github.com/dotnet/core-docs/commits/master?author=b@brettmorrison.com>)

* [Daniel Plaisted (2)](<https://github.com/dotnet/core-docs/commits/master?author=dsplaisted@gmail.com>)

* [Jack Fox (2)](<https://github.com/dotnet/core-docs/commits/master?author=jackfoxy@gmail.com>)

* [Martin Volerich (2)](<https://github.com/dotnet/core-docs/commits/master?author=martin@volerich.com>)

* [Adam Kinney (1)](<https://github.com/dotnet/core-docs/commits/master?author=adkinn@microsoft.com>)

* [Adrian Flood (1)](<https://github.com/dotnet/core-docs/commits/master?author=ajf2@users.noreply.github.com>)

* [Alberto Monteiro (1)](<https://github.com/dotnet/core-docs/commits/master?author=alberto.monteiro@live.com>)

*

[Alex Troshkin (1)](<https://github.com/dotnet/core-docs/commits/master?author=alextroshkin@outlook.com>)

* [Allan Lindqvist (1)](https://github.com/dotnet/core-docs/commits/master?author=al_3891@hotmail.com)

* [Andrew Arnott (1)](<https://github.com/dotnet/core-docs/commits/master?author=andrewarnott@gmail.com>)

* [Bertrand Le Roy (1)](<https://github.com/dotnet/core-docs/commits/master?author=beleroy@microsoft.com>)

* [Bill Wagner (1)](<https://github.com/dotnet/core-docs/commits/master?author=bill.w.wagner@outlook.com>)

* [Cole Mickens (1)](<https://github.com/dotnet/core-docs/commits/master?author=cole.mickens@gmail.com>)

* [Dan Moseley (1)](<https://github.com/dotnet/core-docs/commits/master?author=danmose@microsoft.com>)

* [danroth27 (1)](<https://github.com/dotnet/core-docs/commits/master?author=daroth@microsoft.com>)

* [David V. McKay (1)](<https://github.com/dotnet/core-docs/commits/master?author=david.v.mckay@gmail.com>)

* [Den Delimarsky (1)](<https://github.com/dotnet/core-docs/commits/master?author=ddelimarsky@live.com>)

*

[Doron Grinzaig (1)](<https://github.com/dotnet/core-docs/commits/master?author=grdoron@gmail.com>)

* [fenxu (1)](<https://github.com/dotnet/core-docs/commits/master?author=fenxu@microsoft.com>)

* [Giorgio Galante (1)](<https://github.com/dotnet/core-docs/commits/master?author=GiorgioG@users.noreply.github.com>)

* [ichengzi (1)](<https://github.com/dotnet/core-docs/commits/master?author=ichengzi@users.noreply.github.com>)

* [imran_ku07 (1)](https://github.com/dotnet/core-docs/commits/master?author=imran_ku07@yahoo.com)

* [Isaac Abraham (1)](<https://github.com/dotnet/core-docs/commits/master?author=isaac.abraham@live.co.uk>)

* [Lewis Kirkaldie (1)](<https://github.com/dotnet/core-docs/commits/master?author=lewis.kirkaldie@gmail.com>)

* [Martin Woodward (1)](<https://github.com/dotnet/core-docs/commits/master?author=martin@dotnetfoundation.org>)

* [Matthew Reily (1)](<https://github.com/dotnet/core-docs/commits/master?author=me@mattreily.com>)

* [Nat Elkins (1)](<https://github.com/dotnet/core-docs/commits/master?author=nelkins@acaclient.com>)

- * [Nate Barbettini (1)](<https://github.com/dotnet/core-docs/commits/master?author=nathanaelb@gmail.com>)
- * [Nate McMaster (1)](<https://github.com/dotnet/core-docs/commits/master?author=natemcmaster@users.noreply.github.com>)
- * [Robin Mller (1)](<https://github.com/dotnet/core-docs/commits/master?author=robin.mueller@outlook.de>)
- * [Ruben Bartelink (1)](<https://github.com/dotnet/core-docs/commits/master?author=ruben@bartelink.com>)
- * [seandebutts (1)](<https://github.com/dotnet/core-docs/commits/master?author=seandemployment@gmail.com>)
- * [Thiago 'Jedi' Abreu (1)](<https://github.com/dotnet/core-docs/commits/master?author=thiagoa7@gmail.com>)
- * [Ying Hua (1)](<https://github.com/dotnet/core-docs/commits/master?author=herohua@users.noreply.github.com>)
- * [zhangmm (1)](<https://github.com/dotnet/core-docs/commits/master?author=zhangmin6105@qq.com>)

WCF

- * [Ron Cain (191)](<https://github.com/dotnet/wcf/commits/master?author=roncain@microsoft.com>)
- * [Jason Pang (176)](<https://github.com/dotnet/wcf/commits/master?author=jasonpa@microsoft.com>)
- * [Stephen Bonikowsky (150)](<https://github.com/dotnet/wcf/commits/master?author=stebon@microsoft.com>)
- * [Matt Connew (80)](<https://github.com/dotnet/wcf/commits/master?author=mconnew@microsoft.com>)
- * [hongdai (49)](<https://github.com/dotnet/wcf/commits/master?author=hongdai@microsoft.com>)
- * [Eric St. John (41)](<https://github.com/dotnet/wcf/commits/master?author=ericstj@microsoft.com>)
- * [Shin Mao (29)](<https://github.com/dotnet/wcf/commits/master?author=shmao@microsoft.com>)
- * [Zhenlan Wang (16)](<https://github.com/dotnet/wcf/commits/master?author=zhenlwa@microsoft.com>)
- * [Matt Mitchell (14)](<https://github.com/dotnet/wcf/commits/master?author=mmitch@microsoft.com>)
- * [Davis Goodin (12)](<https://github.com/dotnet/wcf/commits/master?author=dagood@microsoft.com>)
- * [Sajay Antony (9)](<https://github.com/dotnet/wcf/commits/master?author=sajaya@microsoft.com>)
- * [Eric Mellino (7)](<https://github.com/dotnet/wcf/commits/master?author=erme@microsoft.com>)
- * [Wes Haggard (7)](<https://github.com/dotnet/wcf/commits/master?author=Wes.Haggard@microsoft.com>)
- * [Christopher Costa (6)](<https://github.com/dotnet/wcf/commits/master?author=chcosta@microsoft.com>)
- * [dmetzgar (6)](<https://github.com/dotnet/wcf/commits/master?author=dmetzgar@microsoft.com>)
- * [Jason Pang (5)](<https://github.com/dotnet/wcf/commits/master?author=iamjasonp@users.noreply.github.com>)
- * [Joel Hendrix (4)](<https://github.com/dotnet/wcf/commits/master?author=jhendrix@microsoft.com>)
- * [Matt Ellis (4)](<https://github.com/dotnet/wcf/commits/master?author=matell@microsoft.com>)
- * [Khoa Dang (3)](<https://github.com/dotnet/wcf/commits/master?author=Khoa.Dang@microsoft.com>)
- * [Konst Khurin (3)](<https://github.com/dotnet/wcf/commits/master?author=kkhurin@microsoft.com>)
- * [Peter Hsu (3)](<https://github.com/dotnet/wcf/commits/master?author=shhsu@microsoft.com>)
- * [James Ko (2)](<https://github.com/dotnet/wcf/commits/master?author=jamesqko@gmail.com>)
- * [Mariana Rios Flores (2)](<https://github.com/dotnet/wcf/commits/master?author=mariari@microsoft.com>)
- * [Nick Guerrero (2)](<https://github.com/dotnet/wcf/commits/master?author=nicholg@microsoft.com>)
- * [Davis Goodin (1)](<https://github.com/dotnet/wcf/commits/master?author=dagood@users.noreply.github.com>)
- * [Dmitry (1)](<https://github.com/dotnet/wcf/commits/master?author=777Eternal777@users.noreply.github.com>)
- * [Dmitry Turin (1)](<https://github.com/dotnet/wcf/commits/master?author=turin.dmytro@gmail.com>)
- * [Dmitry Vakylenko (1)](<https://github.com/dotnet/wcf/commits/master?author=kremdima@mail.ru>)
- * [Dustin Metzgar (1)](<https://github.com/dotnet/wcf/commits/master?author=dmetzgar@users.noreply.github.com>)
- * [Eric St. John (1)](<https://github.com/dotnet/wcf/commits/master?author=Eric.St.John@microsoft.com>)
- * [Jan Kotas (1)](<https://github.com/dotnet/wcf/commits/master?author=jkotas@microsoft.com>)
- * [Jose Perez Rodriguez (1)](<https://github.com/dotnet/wcf/commits/master?author=joperezr@microsoft.com>)

*

[Matt Mitchell (1)](<https://github.com/dotnet/wcf/commits/master?author=matchell@outlook.com>)
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)

- [Bryan Thornbury (403)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [Livar Cunha (303)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com>)
- [Eric Erhardt (273)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com>)
-
- [Piotr Puzskiewicz (237)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)
- [Sridhar Periyasamy (222)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com>)
- [David Fowler (164)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com>)
- [Andrew Stanton-Nurse (148)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net>)
- [Pavel Krymets (109)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com>)
- [Senthil (106)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
- [Zlatko Knezevic (86)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com>)
- [Krzysztof Wicher (74)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com>)
- [Troy Dai (66)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com>)
-
- [Mihai Codoban (43)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com>)
- [Faizan Ahmad (32)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faahmad@microsoft.com>)
- [Krzysztof Wicher (29)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mordotymoja@gmail.com>)
- [Matt Ellis (26)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com>)
- [Andy Gocke (25)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=angocke@microsoft.com>)
- [Enrico Sada (22)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=enrico@sada.io>)

- [Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Justin Goshi (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jgoshi@microsoft.com>)
- [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
-
- [eerhardt (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Eric Mellino (18)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)
- [Eric St. John (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com>)
- [Petr Onderka (15)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gsvick@gmail.com>)
- [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=danquirk@microsoft.com>)
- [Glenn Condrun (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=glennc@microsoft.com>)
- [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=c.neumueller@gmail.com>)
- [Tanner Gooding (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@users.noreply.github.com>)
- [Richard Lander (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rlander@microsoft.com>)
-
- [Justin Emgarten (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=justin@emgarten.com>)
- [moozyk (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pawelka@microsoft.com>)
- [Gaurav Khanna (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gkhanna@microsoft.com>)
- [Ajay Bhargav Baaskaran (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [jplebre (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jplebre@gmail.com>)
- [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@firegiant.com>)
- [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeffkl@microsoft.com>)
-
- [MichaelSimons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Wes Haggard (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Wes.Haggard@microsoft.com>)
- [Adam Gorman (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adamgor@microsoft.com>)
- [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Peter.Marcu@Microsoft.com>)
- [Nick Guerrero (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nicholg@microsoft.com>)
- [Lakshan Fernando (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lakshanf@microsoft.com>)
- [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mmitch@microsoft.com>)
- [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=chucks@microsoft.com>)
-
- [dasMulli (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin.andreas.ullrich@gmail.com>)
- [cartermp (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)
- [Nate Amundson (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=naamunds@microsoft.com>)

- [Jared Parsons (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jaredpar@microsoft.com>)
- [Michael Simons (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Austin Wise (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AustinWise@gmail.com>)
- [Joel Verhagen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jver@microsoft.com>)
- [N. Taylor Mullen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nimullen@microsoft.com>)
-
- [mendhak (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gpslogger@mendhak.com>)
- [Dennis Fricke (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=github@dennis-fricke.de>)
- [Nate McMaster (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nate.mcmaster@microsoft.com>)
- [Tomas Matousek (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tomas.matousek@microsoft.com>)
- [James Ko (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jamesqko@gmail.com>)
- [Davis Goodin (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dagood@microsoft.com>)
- [Arun Mahapatra (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=codito@users.noreply.github.com>)
- [v-masche (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-masche@DDVMASCHE492>)
- [Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adityam@microsoft.com>)
-
- [Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Faizan2304 (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faizan2304@hotmail.com>)
- [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=frsilb@microsoft.com>)
- [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremy.ymeng@gmail.com>)
- [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kevin@vcsjones.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
- [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lee.ryan.campbell@gmail.com>)
- [Manish Jayaswal (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=manishj@microsoft.com>)
-
- [Mike Lorbetske (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mlorbe@microsoft.com>)
- [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=office@schneider-netservices.com>)
- [Phil Henning (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phenning@microsoft.com>)
- [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rrelyea@microsoft.com>)
- [Shannon (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sdeminick@gmail.com>)
- [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=victor.hurdugaci@microsoft.com>)
- [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rajesh.kakadia@gmail.com>)
- [seancpeters (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sepeters@microsoft.com>)
- [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kyulee@microsoft.com>)
-

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

- [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremie.galarneau@gmail.com>)

- [Juergen Hoetzel (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=juergen@archlinux.org>)

- [Jostein Kjonigsen (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jostein@kjonigsen.net>)

- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@jonathans-mbp.guest.corp.microsoft.com>)

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

- [Adam Baxter (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=vtagex@vtagex.org>)

- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@Jonathans-MacBook-Pro.local>)

- [Peter Jas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=necmon@yahoo.com>)

-

[John Van Tuyl (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jpvantuyt@gmail.com>)

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

- [John Luo (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jt.luo@mail.utoronto.ca>)

- [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajaybhargavb@gmail.com>)

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

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

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

- [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=hk0110.choi@samsung.com>)

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

-

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

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

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

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

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

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

- [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>)

- [Dennis Fischer (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer_dennis@live.de)

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

- [David Lechner (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=david@lechnology.com>)

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

- [Daniel Bradley (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=daniel@danielbradley.net>)

- [shahid-pk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=shahid.mrd@hotmail.com>)

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

```

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)
- [Zhi Li (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com)
- [Chris Rummel (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com)
- [Chris R (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com)
- [Cesar Blum Silveira (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-
preview2.1?author=cesars@microsoft.com)
- [stephentoub (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=stoub@microsoft.com)
- [Brice Lambson (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@outlook.com)
- [Brice Lambson (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@microsoft.com)
- [drewgil (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=drewgil@microsoft.com)
- [Brian Robbins (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brianrob@microsoft.com)
-
[factormystic (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=factormystic@gmail.com)
- [Ben Adams (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk)
- [jacalvar (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com)
- [Bart Koelman (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-
preview2.1?author=bartkoelmanNOSPAM@NOSPAMgmail.com)
- [jtkech (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-
thierry.kechichian@wanadoo.fr)
- [kloun (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrey0bolkonsky@gmail.com)
- [kotov.a (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com)
- [martincostello (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-
preview2.1?author=martin@martincostello.com)
- [Alexander Kozlenko
(1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alexander.kozlenko@live.com)
- [Alex Panov (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alpaix@outlook.com)
- [Mark Clearwater (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-
preview2.1?author=mcwater@gmail.com)
- [Mark Junker (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-
coder@users.noreply.github.com)
- [Mark Rendle (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net)
- [Luke Latham (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com)
- [Matt Galbraith (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-
preview2.1?author=MattGal@users.noreply.github.com)
- [Luke Elliott (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=revlucio@gmail.com)
- [Mattias Karlsson (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se)
- [Lakshmi
Priya (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com)
- [Kai Eichinger (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ch40z-
Lord@outlook.com)
# Contributions to .NET Core 2.0

```

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

```

```bash

```

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

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

\* [CLI](#cli)

\* [CoreCLR](#coreclr)

\* [CoreFX](#corefx)

\* [WCF](#wcf)

## ## CLI

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

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

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

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

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

\*

[Mike Lorbetske (100)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)

\* [jonsequitur (77)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com>)

\* [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>)

\*

[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>)

\*

[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>)
- \*
- [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>)
- \* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)
- \* [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=frsilb@microsoft.com>)
- \* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)
- \* [Karthik Rajasekaran (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=karajas@microsoft.com>)
- \* [Ken Dale (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)
- \* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nimullen@microsoft.com>)
- \* [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- \* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)
- \* [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>)
- \* [Phil Henning (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=phenning@microsoft.com>)

\* [Richard Lander (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rrelyea@microsoft.com>)

\*

[Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)

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

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

\* [Zhi Li (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zhili128@outlook.com>)

\* [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)

\* [Abhitej Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)

\* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)

\* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)

\* [Michael Simons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)

\* [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitche@microsoft.com>)

\*

[Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)

\* [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=saehie.park@samsung.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)

\* [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

\* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)

\* [Alexander Kplinger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

\* [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardoxx@gmail.com>)

\* [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com>)

\*

[Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)

\* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)

\* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)

\* [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jlrc.co.uk>)

\* [Wes Haggard (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)

\* [Alex Barney (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com>)

\* [William Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com>)

\* [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)

\*

[Zhi Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=lzhi@microsoft.com>)

\* [Adeel (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com>)

\* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)

\* [Daniel Plaisted (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dsplaisted@gmail.com>)

\* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

- \* [eerhardt (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- \* [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>)
- \* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)
- \*
- [Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)
- \* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)
- \* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)
- \* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)
- \* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)
- \* [foresterre (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com>)
- \* [Bill Wert (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=billwert@microsoft.com>)

## ## CoreCLR

- \* [Jonghyun Park (242)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
- \* [Jan Kotas (182)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \*
- [Pat Gavlin (143)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
- \* [danmosemsft (139)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [Bruce Forstall (101)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com>)
- \* [Andy Ayers (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)
- \* [wtgodbe (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
- \* [Stephen Toub (76)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)
- \* [Joseph Tremoulet (58)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)
- \* [Mike Danes (57)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)
- \* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (53)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
- \*
- [Jan Vorlicek (50)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)
- \* [Sergey Andreenko (49)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)
- \* [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com>)
- \* [Michelle McDaniel (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)
- \* [Hyeongseok Oh (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
- \* [Gaurav Khanna (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)
- \* [Aditya Mandaleeka (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)
- \* [Koundinya Veluri (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)
- \* [Sean Gillespie (36)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)
- \*
- [Carol Eidt (35)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)
- \* [Rahul Kumar (34)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com>)
- \* [Tarek Mahmoud Sayed (33)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)
- \* [Justin Van Patten (32)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)
- \* [Atsushi Kanamori

(31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [Steve MacLean

(30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Mikhail Skvortcov

(30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com>)

\* [Mike McLaughlin (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)

\*

[Hyung-Kyu Choi

(28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [jashook (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Drew Scoggins (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Alex Perovich (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Ben Adams (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [Brian Robbins (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Dan Moseley (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)

\*

[Jeremy Kuhne

(22)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Frederik Carlier

(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Brian Sullivan (20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com>)

\* [Russ Keldorph

(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

\* [Evgeny Pavlov (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com>)

\* [Michal Strehovsk

(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

)

\* [Pat Gavlin (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\* [William Godbe (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Swaroop Sridhar

(15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\*

[John Chen (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Tanner Gooding (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

\* [Rama Krishnan Raghupathy

(13)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Hanjoung Lee (12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

\* [Ahson Ahmed Khan

(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Hyung-Kyu Choi

(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\* [ahsonkhan (12)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com>)



\*  
 [Dmitry-Me (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com>)  
 \* [Ian Hays (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com>)  
 \* [Davis Goodin (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)  
 \* [Jim Ma (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)  
 \* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)  
 \* [Igor Kulaychuk (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)  
 \* [Sujin Kim (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)  
 \* [Alexander Radchenko (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)  
 \* [Alex Ghiondea (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)  
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 [ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)  
 \* [Eric Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)  
 \* [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com>)  
 \* [Faizur Rahman (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com>)  
 \* [Matt Mitchell (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitche@microsoft.com>)  
 \* [Alexander Soldatov (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com>)  
 \* [Jon Hanna (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net>)  
 \* [Hyeongseok Oh (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)  
 \* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)  
 \* [Yi Zhang (CLR) (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)  
 \* [Daniel Podder (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)  
 \* [Rich Lander (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rlander@microsoft.com>)  
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 \* [Jos Rivero (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)  
 \* [Mukul Sabharwal (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)  
 \* [SaeHie Park (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@samsung.com>)  
 \* [Viktor Hofer (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)  
 \* [Wes Haggard (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)  
 \* [Sven Boemer (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)  
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 \* [Karel Zikmund (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com>)  
 \* [Matt Warren (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk>)  
 \* [Peter Marcu (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)  
 \* [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com>)

\* [Roman Artemev (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com>)

\* [Aditya Mandaleeka (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com>)

\* [Cyd Haselton (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [noahfalk (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com>)

\* [Adam Sitnik (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com>)

\* [Alex Ghiondea (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Buyduck (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com>)

\* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

\* [LaSombra (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com>)

\* [mskvortsov (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Jiyoung Giuliana Yun (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com>)

\* [chunseoklee (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

\*

[Mandar Sahasrabuddhe (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [Maoni Stephens (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

\* [Atsushi Kanamori (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [Yongseop Kim (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com>)

\* [Eugene Rozenfeld (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com>)

\* [Felipe Fujiy Pessoto (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

\* [Ilya (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com>)

\* [Hugh Bellamy (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellars@gmail.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\*

[Eric St. John (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com>)

\* [Omar Tawfik (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

\* [Julien Couvreur (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Sedar Gokbulut (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Sean Gillespie (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sasha Semennikov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

\* [Santiago Fernandez Madero (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safern@microsoft.com>)

\*

[Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)

\* [Petr Onderka (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gs Vick@gmail.com>)

\* [Peter Kukol (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

\* [John Bottenberg (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com>)

\* [Hanjoung Lee (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)

\* [Luis G (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lggomez@users.noreply.github.com>)

\* [Maoni0 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maonis@microsoft.com>)

\* [Michael Letterle (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

\* [Fei Peng (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com>)

\*

[Fadi Hanna (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fadim@microsoft.com>)

\* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=muks@microsoft.com>)

\* [Omair Majid (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com>)

\* [Paul Westcott (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=p.westcott@gmail.com>)

\* [Phil Christensen (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com>)

\* [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Drew%20Scoggins>)

\* [Dmitry-Me (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru>)

\* [Rama krishnan Raghupathy (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)

\* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)

\*

[Dmitry (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)

\* [varocarbas (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=contact@customsolvers.com>)

\* [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)

\* [Daniel Podder (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dpodder@gmail.com>)

\* [Smile Wei (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

\* [Chris Rummel (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=crummel@microsoft.com>)

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

\* [Tom Deseyn (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

\* [Bruce Bowyer-Smyth (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\*

[WinCPP (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mandards@gmail.com>)

\* [Xiangyang (Mark) Guo (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)

\* [ahsonkhan (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Andrey Akinshin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)

\* [kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)

\* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)

\* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)

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

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

\*

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

\* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)

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

\* [Russ Keldorph (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=diff.tool>)

\* [Russ Keldorph (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)

\* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\*

[Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)

\* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)

\* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)

\* [Martijn Hoekstra (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

\* [Marek Linka (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

\* [Ionut Tamas (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash\\_ionut@hotmail.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com))

\* [Sebastian Lauber (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

\* [Maarten Mensink (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

\*

[Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Alan Lawrence (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=allawr@microsoft.com>)

\* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

\* [Sivarv (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Jose Perez Rodriguez (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

\* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

\* [DDCloud (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

\*

[Steve MacLean, Qualcomm Datacenter Technologies Inc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Christoph Neumüller (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

\* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

\* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

\* [Krzysztof Wicher (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)

\* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)

\* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)

\*

[Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)

\* [Tarun Pothulapati (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

\* [Thiago Camargos Lopes (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)

\* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)

\* [Toni Solarin-Sodara (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)

\* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)

\* [Karel Zikmund (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@microsoft.com>)

\* [Varun Venkatesan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)

\* [Vijay Ramakrishnan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)

\*

[vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

\* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)

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

\* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)

\* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendono@users.noreply.github.com>)

\* [sergey ignatov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sergign60@mail.ru>)

\* [Xiang Fan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangfan@microsoft.com>)

\* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)

\*

[Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)

\* [sjsujinkim (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Yuriy Solodkyy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)

\* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)

\* [adiaaaida (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)

\* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)

\*

[cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)

\* [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

\* [darxis (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com>)

\* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

\* [Morgan Brown

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)  
 \* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)  
 \* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)  
 \* [Nicol Carandini  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)  
 \* [Ofer Zelig  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)  
 \*  
 [Olof Olsson  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)  
 \* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)  
 \* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)  
 \* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)  
 \* [OmariO  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omariom@users.noreply.github.com>)  
 \* [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)  
 \* [Mikhael Skvortsov  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)  
 \* [Alexandre Mutel  
 (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com))  
 \* [Pedro Lamas (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pedrolamas@gmail.com>)  
 \*  
 [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)  
 \* [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)  
 \* [Matthew Parkinson  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)  
 \* [Peter Smulovics  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)  
 \* [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)  
 \* [AlexGhiondea  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)  
 \* [gbalykov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=g.balykov@samsung.com>)  
 \* [giuliohome (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)  
 \* [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)  
 \*  
 [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com>)  
 \* [ikopylov  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)

## ## CoreFX

\* [Stephen Toub (661)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)  
 \* [Jon Hanna (361)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)  
 \* [Eric St. John (315)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)  
 \* [Eric Mellino (192)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)  
 \* [Hugh Bellamy (166)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)  
 \* [Wes Haggard  
 (134)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [Jose Perez Rodriguez  
(123)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)  
\*

[Ian Hays (114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)  
\* [Santiago Fernandez Madero  
(114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com>)  
\* [Lakshmi Priya Sekar  
(109)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)  
\* [Bart De Smet (99)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com>)  
\* [Dan Moseley (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)  
\* [James Ko (95)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jamesqko@gmail.com>)  
\* [Jan Kotas (84)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)  
\* [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)  
\* [Anthony Langsworth  
(78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)  
\* [Jeremy Barton  
(76)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)  
\* [Viktor Hofer (75)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)  
\* [Liudmila Molkova  
(71)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)  
\* [Krzysztof Wicher (70)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)  
\* [Alex Perovich (66)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)  
\* [sepedehMS (64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)  
\* [Jeremy Kuhne  
(64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)  
\* [Tarek Mahmoud Sayed  
(63)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)  
\* [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)  
\* [danmosemsft (55)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)  
\*

[Justin Van Patten (54)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)  
\* [Atsushi Kanamori  
(53)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)  
\* [Karel Zikmund  
(52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)  
\* [Stephen A. Imhoff (35)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)  
\* [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)  
\* [David Shulman  
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\* [Matt Galbraith (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)  
\* [Atsushi Kanamori  
(31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)  
\* [Matt Mitchell (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com>)  
\*

[Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)  
\* [Davis Goodin (29)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)  
\* [Alex Ghiondea

(28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

\* [Cory Rivera (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

\* [Krzysztof Wicher

(26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

\* [Bart J.F. De Smet

(26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)

\* [Saurabh Singh

(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

\* [Steve Harter

(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)

\*

[Wes Haggard

(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

\* [Gaurav Khanna (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

\* [Tijoy Tom Kalathiparambil

(23)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

\* [Frederik Carlier

(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Alexander Radchenko

(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

\* [Santiago Fernandez (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferr@microsoft.com>)

\* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)

\* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Huangli Wu (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\*

[FAREASTv-ljiay (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-ljiay@microsoft.com>)

\* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Koundinya Veluri (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Ahson Ahmed Khan

(19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)

\* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

\* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)

\* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Will Dean (16)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk))

\*

[Hyeongseok Oh (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

\* [Karel Zikmund (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

\* [Sepideh Khoshnood (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Jiyoung Yun (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

\* [Rama Krishnan Raghupathy

(14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Jiayi Li (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-ljiay@microsoft.com>)

\* [Dennis "D.C." Dietrich

(13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

\* [Matt Ellis (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

\*



[Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)

\* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)

\* [Matt Galbraith (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Caesar Chen (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)

\* [Cristian Pop (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

\* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)

\* [Hyung-Kyu Choi (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Eric StJohn (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)

\* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)

\* [Tom Matouek (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

\* [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

\* [Vance Morrison (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)

\* [Mandar Sahasrabuddhe (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [Tarekm Mahmoud Sayed (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Morgan Brown (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

\* [Alex Ghiondea (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [vsadov (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)

\* [Pavel Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)

\* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Jan Vorlicek (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com>)

\* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [chunseoklee (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Gene Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)

\* [Vance Morrison (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com>)

\* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com>)

\* [Rion Williams (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rionmonster@gmail.com>)

\* [Hanjoung Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)

\* [nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)

\* [Brahmnes Fung (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com>)

\* [Carol Wang (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)

\* [Ben Adams (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [wtgodbe (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Darren Hoehna (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)

\* [Davis Goodin (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)

\*

[Marek Linka (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com>)

\* [MichaelSimons (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com>)

\* [stone-li (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)

\* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Jonghyun Park (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com>)

\* [Cristian Pop (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

\* [Lakshmi Priya Sekar (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

\* [Robert Anderson (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

\* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)

\*

[Anton Lapounov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)

\* [Eric Erhardt (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [Peter Marcu (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Egor Bogatov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Adam Friedman (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)

\* [Hyeongseok Oh (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [loulouqun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=loulouqun@hotmail.com>)

\* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)

\* [Nick Guerrero (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)

\* [Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

\* [Julien Couvreur (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)

\* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)

\* [the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)

\* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Stanislav Ushakov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)

\* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

\*

[stephenmichaelf (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)

\* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)

\* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [huanwu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)

\* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)

\* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)

\* [JimboWei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-wjiang@microsoft.com>)

\* [JayG (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jguady@users.noreply.github.com>)

\* [Jonathan Mezach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonathanmezach@gmail.com>)

\* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)

\* [Joseph Musser (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)

\* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)

\* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN>)

\* [AlexGhiondea (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Yanbo Gu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)

\* [Frdric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)

\* [Youp Hulsebos (3)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp\\_hulsebos\\_@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp_hulsebos_@hotmail.com))

\* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)

\*

[Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)

\* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)

\* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)

\* [Stephen Cleary (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

\* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)

\*

[geoffkizer (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Bruce Bowyer-Smyth (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\* [yaelkeemink (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaelkeemink@gmail.com>)

\* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

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

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

\* [Brian Robbins (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Caesar Chen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)

\* [Felipe Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

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

\*

[Hyung-Kyu Choi (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)

\* [Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

\* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com>)

\* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)

\* [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)

\* [Michal Strehovsk  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

\* [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)

\*

[Peter Toonen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter@toonen.io>)

\* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)

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

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

\* [Tarun Pothulapati  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

\* [Viacheslav Ivanov  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

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

\* [ahsonkhan (2)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [ahsonkhan  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\*

[cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)

\* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)

\* [smile21prc (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

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

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

\* [Olaf Keijsers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=olaf@keijsers.org>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)

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

\*

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

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

\* [Sergio Parra Guerra  
(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio\\_parra\\_guerra@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com))

\* [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=michael@senexx.com>)

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

\* [Mike van Dongen  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github@mikevandongen.nl>)

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

\* [Matthew Parkinson  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

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

\*

[Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)

\* [Martin Scholz

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com)

- \* [Martin Lapierre

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin\_lapierre@devinstinct.com)

- \* [MarkusSintonen

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=markus.sintonen@gmail.com)

- \* [Steve Desmond (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca)
- \* [Steve Desmond (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com)
- \* [Steve Franceschelli

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com)

- \* [Marius Ungureanu (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com)
- \* [Mariana Rios Flores

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mariari@microsoft.com)

- \*

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

- \* [SunnyWar (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com)
- \* [Sven Boemer (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sbomer@gmail.com)
- \* [TEPW (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B)
- \* [tdupont750 (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com)
- \* [Llewellyn Pritchard (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xacc.ide@gmail.com)
- \* [Tanner Gooding

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com)

- \* [Liangyaozhi (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter\_liang@outlook.com)
- \* [Kirill Osenkov

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=KirillOsenkov@users.noreply.github.com)

- \* [Alexis

Nowikowski

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com)

- \* [TautvydasZilys (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.cOM)
- \* [Kevin Jones (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com)
- \* [Julien Couvreur (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com)
- \* [Tomas Matousek

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas.matousek@microsoft.com)

- \* [Josh Free

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com)

- \* [Travis Querec (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@gmail.com)
- \* [Travis Querec (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@microsoft.com)
- \* [Tyler Brinkley

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com)

- \* [Jorge J. de la

Fuente (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com)

- \* [John Chen (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com)
- \* [Alexis Christoforides (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net)
- \* [Jiang Zeng (Pactera Technologies Inc (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com)
- \* [Jay Simmons (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jsimmons@microsoft.com)
- \* [Vladimir Sadov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
- \* [Vladyslav (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com)

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

\* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)

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

\*

[Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)

\* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)

\* [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>)

\* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Yi Zhang (CLR)

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

\* [Alexandre Mutel

(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com))

\* [Fredrik Hister Rasch

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)

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

\*

[varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)

\* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)

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

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

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

\* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

\* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

\* [costahome (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa\\_christopher@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com))

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

\*

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

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

\* [dnickless (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net>)

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

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

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesarbs@gmail.com>)

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

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

\* [Caio Cesar Saldanha Maia Orejuela

Kinelski(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\*

[Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)

\* [jlanng (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=james@jlrc.co.uk>)

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

\* [Alexander Kplinger

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

\* [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=billwert@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>)
- \* [Benjamin Bartels (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)
- \* [Andy Ayers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=andya@microsoft.com>)
- \*
- [Andrey Kurdyumov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)
- \* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)
- \* [Andrew Au (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cshung@gmail.com>)
- \* [Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)
- \* [Qi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)
- \* [Anatoly Zhmur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=azhmur@gmail.com>)
- \* [Peter Wurzinger (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wurzingerp@gmail.com>)
- \* [Peter Kukol (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)
- \* [Paul Westcott (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com>)
- \*
- [Paul Harrington (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com>)
- \* [Omar Tawfik (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)
- \* [Robert Matuszewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com>)
- \* [Robert Sk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosek@tlen.pl>)
- \* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saehie.park@samsung.com>)
- \* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)
- \* [Olof Olsson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

## ## WCF

- \* [Stephen Bonikowsky (82)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- \* [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)
- \*
- [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [KKhurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \* [hongdai (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- \* [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \* [Zhenlan Wang (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- \* [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- \* [Shin Mao (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [Matt Connew (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \*
- [Tarek Mahmoud Sayed (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com>)
- \* [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.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=borsna@users.noreply.github.com>)

(1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)  
\* [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)  
\* [Carol Wang (Inspur Worldwide Services Ltd)  
(1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)  
\* [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)  
\* [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)  
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.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing your contributions so please, let us know if something is incorrect or missing.

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

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</br>[windowsdesktop](#windowsdesktop)  
</br>[winforms](#winforms)  
</br>[wpf](#wpf)  
</br>  
## aspnetcore  
</br>

[johluo@microsoft.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)

</br>[Adam Sitnik (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adam.sitnik@gmail.com>)

</br>[Adrian Wright

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adrian@compiledcoding.co.uk>)

</br>[Adrian Wright

(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47532258+adrianwright109@users.noreply.github.com>)

</br>[Ajay Bhargav

(16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)

</br>[Ajay Bhargav

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)

</br>[Ajay Bhargav  
(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajaybhargavb@gmail.com>)  
</br>[Alessio Franceschelli  
(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=alessio@franceschelli.me>)  
</br>[Alexey Ananyev  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hypercodeplace@users.noreply.github.com>)  
</br>[Andrew J (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrewjsaid@gmail.com>)  
</br>[Andrew Stanton-Nurse  
(29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrew@stanton-nurse.com>)  
</br>[Andrii Kurdiumov  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kant2002@gmail.com>)  
</br>[AndriySvyryd  
Andriy.Svyryd@microsoft.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com>)  
</br>[Andr Silva (1)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre\\_ss6@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre_ss6@hotmail.com))  
</br>[Anirudh Agnihotry  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)  
</br>[ar0311 arogers0311@gmail.com  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=arogers0311@gmail.com>)  
</br>[Artak 34246760+mkArtakMSFT@users.noreply.github.com  
(40)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34246760+mkArtakMSFT@users.noreply.github.com>)  
</br>[Artak Mkrtchyan  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artakm@corp.microsoft.com>)  
</br>[Artyom Tarasov  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artar94@users.noreply.github.com>)  
</br>[Barry Dorrans  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=github.com@idunno.org>)  
</br>[Ben Adams  
(15)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thundercat@illyriad.co.uk>)  
</br>[Bharat Kumar  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pavinan@users.noreply.github.com>)  
</br>[Brady Gaster  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41929050+bradygaster@users.noreply.github.com>)  
</br>[Brennan brecon@microsoft.com  
(154)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
</br>[Brennan Conroy  
(12)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
</br>[BrennanConroy brecon@microsoft.com  
(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
</br>[Brian Surowiec (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brian@13degrees.com>)  
</br>[brianchance bchance@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=bchance@gmail.com>)  
</br>[Brice  
Lambson (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brice@bricelam.net>)  
</br>[Bruce Adams  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=5435504+badamsdev@users.noreply.github.com>)

om)

</br>[ccvca ccvca@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ccvca@users.noreply.github.com)  
 </br>[Chris Oliver (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cado82@gmail.com)  
 </br>[Chris Pickford  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chris@luminousuk.com)  
 </br>[Chris R (5)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@outlook.com)  
 </br>[Chris Ross (4)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrross@microsoft.com)  
 </br>[Chris Ross (69)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@Outlook.com)  
 </br>[Chris  
 Sainty  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrissainty@users.noreply.github.com)  
 </br>[Chris Sienkiewicz  
 (3)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chsienki@microsoft.com)  
 </br>[Christian Kadluba  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10721825+ckadluba@users.noreply.github.com)  
 m)  
 </br>[Christian Wenz (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=christian@wenz.org)  
 </br>[Christian Wenz  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=info@christianwenz.de)  
 </br>[Christopher Haws (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cribs2@gmail.com)  
 </br>[Cdric Luthi (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cedric.luthi@gmail.com)  
 </br>[Dairai Nyabando  
 (9)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dnyabando@g.harvard.edu)  
 </br>[Dan Friedman  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dan@fantasticfriedmans.com)  
 </br>[Dan  
 Moseley (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=danmose@microsoft.com)  
 </br>[Daniel Abbatt  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daniel.abbatt@mail.com)  
 </br>[Daniel Eisterhold  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=deisterhold@users.noreply.github.com)  
 </br>[Daniel Roth (6)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daroth@microsoft.com)  
 </br>[David Fowler (29)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=davidfowl@gmail.com)  
 </br>[David Melendez  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dlmelendez@users.noreply.github.com)  
 </br>[davidnx 44079650+davidnx@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=44079650+davidnx@users.noreply.github.com)  
 m)  
 </br>[Dawid Szmidka  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dawid.szmidka@gmail.com)  
 </br>[Dennis  
 Daume (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dennis@getmimo.com)  
 </br>[Doug Bunting  
 (142)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6431421+dougbu@users.noreply.github.com)  
 m)  
 </br>[Eddy Nakamura  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ednakamu@microsoft.com)

</br>[Eddy Nakamura  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eddynaka@gmail.com>)  
</br>[Edward Neal  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=55035479+edwardneal@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Erhan Atesoglu  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)  
</br>[Eric Erhardt  
(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
</br>[Filip  
Staffa (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=filip.staffa@gmail.com>)  
</br>[Franklin Tse  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=FranklinWhale@users.noreply.github.com>)  
</br>[George 1641829+finsharp@users.noreply.github.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1641829+finsharp@users.noreply.github.com>)  
</br>[Giuseppe Campanelli  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=suprememilanfan@gmail.com>)  
</br>[Grahame Horner  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=grahamehorner@users.noreply.github.com>)  
</br>[Greg Ingram (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shaggygi97@gmail.com>)  
</br>[Guillaume Nury  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GuillaumeNury@users.noreply.github.com>)  
</br>[Gnther Foidl (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=gue@korporal.at>)  
</br>[Hans  
Bakker (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hansmbakker+github@gmail.com>)  
</br>[Hao Kung  
(75)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=HaoK@users.noreply.github.com>)  
</br>[Haytam Zanid  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34218324+zHaytam@users.noreply.github.com>)  
</br>[Helgevold Consulting,  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=torgeirh@hotmail.com>)  
</br>[Huei Feng (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=695979933@qq.com>)  
</br>[Huei Feng  
(6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34702552+hueifeng@users.noreply.github.com>)  
</br>[huysentruitw wouter\_huysentruit@hotmail.com  
(2)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter\\_huysentruit@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter_huysentruit@hotmail.com))  
</br>[Immo Landwerth  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=immol@microsoft.com>)  
</br>[itminus  
webbot@sina.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=webbot@sina.com>)  
</br>[Ivan Maximov (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sungam3r@yandex.ru>)

</br>[Ivan Zub (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zub.ivan@gmail.com>)

</br>[Jacques Eloff  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=joeloff@users.noreply.github.com>)

</br>[James Newton-King  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=James.NewtonKing@microsoft.com>)

</br>[James Newton-King  
(74)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=james@newtonking.com>)

</br>[Jan Jone (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jjones@outlook.cz>)

</br>[Jan-Willem Spuij  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jws@birdseyeview.nl>)

</br>[Jason Bailey  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=accounts@sidewaysgravity.com>)

</br>[Javier  
Calvarro (79)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jacalvar@microsoft.com>)

</br>[JC Aguilera (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juanam@microsoft.com>)

</br>[Jean-Marc Prieur  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jmprieur@microsoft.com>)

</br>[JLeczycki jalec18@wp.pl  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jalec18@wp.pl>)

</br>[John Luo (127)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)

</br>[Jonathan vanillajonathan@users.noreply.github.com  
(9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com>)

</br>[Joni jonijpn@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jonijpn@gmail.com>)

</br>[Josh Dadak  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Bigtalljosh@users.noreply.github.com>)

</br>[Juan Barahona  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=barahonajm@outlook.com>)

</br>[Juan Hoyos  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juan.hoyos@microsoft.com>)

</br>[juanam jcagme@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jcagme@gmail.com>)

</br>[Julio Avellaneda  
(1)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito\\_gtu@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito_gtu@hotmail.com))

</br>[Julius jfheins@users.noreply.github.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jfheins@users.noreply.github.com>)

</br>[Justin Kotalik  
(37)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jkotalik12@gmail.com>)

</br>[Justin Kotalik  
(43)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jukotali@microsoft.com>)

</br>[Kahbazi a.kahbazi@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=a.kahbazi@gmail.com>)

</br>[Kahbazi A.Kahbazi@gmail.com  
(47)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=A.Kahbazi@gmail.com>)

</br>[Kamron  
Batman  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3953314+kamronbatman@users.noreply.github.com>)

</br>[kapsiR kapsiR@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kapsiR@users.noreply.github.com)  
 </br>[Keiichi IGUCHI (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=keiichi@kei-1.jp)  
 </br>[Ken Dale (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ken@kendaleiv.com)  
 </br>[Ken Egozi (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mail@kenegozi.com)  
 </br>[Kevin Pilch (20)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinpi@microsoft.com)  
 </br>[Kevin Pilch (8)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=me@pilchie.com)  
 </br>[Kirill Osenkov  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=KirillOsenkov@users.noreply.github.com)  
 </br>[Kirk  
 Larkin  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6025110+serpent5@users.noreply.github.com)  
 </br>[kunal mehta (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehta.kuns@gmail.com)  
 </br>[Kvin Chalet (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinchalet@gmail.com)  
 </br>[lancehilliard lance@digitalcreations.cc  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lance@digitalcreations.cc)  
 </br>[lark lilinghui@gmail.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lilinghui@gmail.com)  
 </br>[Larry Ewing (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lewing@microsoft.com)  
 </br>[Lars Hanisch  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=flensrocker@users.noreply.github.com)  
 </br>[Levi Broderick  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com)  
 </br>[Luke  
 Pfeiffer (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lpfeiff10@gmail.com)  
 </br>[Mackinnon Buck  
 (19)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mackinnon.buck@gmail.com)  
 </br>[Maher Jendoubi  
 (4)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=maher.jendoubi@gmail.com)  
 </br>[Mark Seemann (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mark@ploeh.dk)  
 </br>[Markus Rodler  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Markus.Rodler@live.de)  
 </br>[Marlon Regenhart  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=marlon.r@hotmail.de)  
 </br>[marlongerson 48413285+marlongerson@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=48413285+marlongerson@users.noreply.github.com)  
 </br>[Martin Costello  
 (20)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=martin@martincostello.com)  
 </br>[Matt Mitchell  
 (24)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mmitche@microsoft.com)  
 </br>[Matyas  
 Richter (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=matyas.richter@gmail.com)  
 </br>[Max Horstmann  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=max.horstmann@gmail.com)  
 </br>[Mehmet Can

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehmetcankamar@gmail.com>)  
 </br>[Michael Randers-Pehrson  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.rp@gmail.com>)  
 </br>[Michael Stuckey  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.stuckey@gmail.com>)  
 </br>[Michelle Tan  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41475767+MichelleTanPY@users.noreply.github.com>)  
 </br>[Michiel van (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=windsunrain@gmail.com>)  
 </br>[Miha Zupan  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)  
 </br>[Mike  
 Lloyd (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike@reboot3times.org>)  
 </br>[mikeo52 mike.oliver.jobs@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike.oliver.jobs@gmail.com>)  
 </br>[Miroslav Jezik  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=miroslav.jezik@medtronic.com>)  
 </br>[Miroslav Kova  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=18582187+MiroKov@users.noreply.github.com>)  
 </br>[Mladen Macanovi  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mladen.macanovic@gmail.com>)  
 </br>[N. Taylor (16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nimullen@microsoft.com>)  
 </br>[Nicholas P (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nnelson1@insight.rr.com>)  
 </br>[Nick Kirby (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nrkirb@gmail.com>)  
 </br>[nickraphael nick.raaphael@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nick.raaphael@gmail.com>)  
 </br>[Ninds narinder.claire@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=narinder.claire@gmail.com>)  
 </br>[Noah Falk  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=noahfalk@users.noreply.github.com>)  
 </br>[nufiko michal.ufnal+git@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michal.ufnal+git@gmail.com>)  
 </br>[nymitr nymitr@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nymitr@gmail.com>)  
 </br>[Omair Majid (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=omajid@redhat.com>)  
 </br>[Ondej torc (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=storc.1998@gmail.com>)  
 </br>[pagan-gerbil pete@pagan-gerbil.net  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pete@pagan-gerbil.net>)  
 </br>[Patrick Goode  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pgoode75@sbcglobal.net>)  
 </br>[Pavel  
 Voronin (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=voroninp@gmail.com>)  
 </br>[Phil Henning  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=phenning@microsoft.com>)  
 </br>[Phillip Carter (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pcarter@fastmail.com>)  
 </br>[Piotr Baejewicz  
 (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=peterblazejewicz@users.noreply.github.com>)

</br>[PJ Evans (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pj.evans@hcminst.com>)

</br>[Pranav K (344)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@hotmail.com>)

</br>[Pranav Krishnamoorthy

(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@microsoft.com>)

</br>[Rachel Shaffer (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rashaf@microsoft.com>)

</br>[Radek Falhar

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Euphoric@users.noreply.github.com>)

</br>[Rick Anderson (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3605364+Rick-Anderson@users.noreply.github.com>)

</br>[Roman Marusyk

(6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Marusyk@users.noreply.github.com>)

</br>[Ryan Brandenburg

(30)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rybrande@microsoft.com>)

</br>[Ryan Nowak (18)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nowakra@gmail.com>)

</br>[Ryan Rowse (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ryan.rowse@gmail.com>)

</br>[Safia Abdalla (69)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@microsoft.com>)

</br>[Safia Abdalla (7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@safia.rocks>)

</br>[Sam Harwell

(6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Sam.Harwell@microsoft.com>)

</br>[samsosa

32570890+samsosa@users.noreply.github.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=32570890+samsosa@users.noreply.github.com>)

</br>[sanyam142mittal sanyam142mittal@gmail.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sanyam142mittal@gmail.com>)

</br>[Sayed Ibrahim

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sayed.hashimi@gmail.com>)

</br>[Scott Addie

(9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10702007+scottaddie@users.noreply.github.com>)

</br>[Sean G. (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sean@seangwright.me>)

</br>[Sean Killeen (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SeanKilleen@gmail.com>)

</br>[Sedat Kapanoglu

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ssg@users.noreply.github.com>)

</br>[Sergey Bakulin

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sergey.bakulin.github@gmail.com>)

</br>[SIkebe

SIkebe@users.noreply.github.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SIkebe@users.noreply.github.com>)

</br>[Smit Patel

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smitpatel@users.noreply.github.com>)

</br>[softworkz softworkz@hotmail.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=softworkz@hotmail.com>)

</br>[Sourabh Shirhatti

(5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shirhatti@outlook.com>)

</br>[SQL-MisterMagoo mister.magoo+githubsql@gmail.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mister.magoo+githubsql@gmail.com>)

</br>[Stafford Williams



(1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=staff0rd@users.noreply.github.com)  
 </br>[Stefan Rajkovic  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stefan@stefanrajkovic.com)  
 </br>[Stephan Troyer (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stephantroyer@live.at)  
 </br>[Stephen  
 Halter (43)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=halter73@gmail.com)  
 </br>[Stephen Lorello  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=42971704+sloreello89@users.noreply.github.com)  
 </br>[Steve hez2010@outlook.com  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hez2010@outlook.com)  
 </br>[Steve Gordon (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sgordon@hotmail.co.uk)  
 </br>[Steve Sanderson  
 (89)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com)  
 </br>[Steven Maglio (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smaglio81@gmail.com)  
 </br>[Sbastien Ros (8)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sebastienros@gmail.com)  
 </br>[Tanay Parikh  
 (7)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=TanayParikh@users.noreply.github.com)  
 </br>[Tanya  
 hey@tanyado.com (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hey@tanyado.com)  
 </br>[TeBeCo tebeco@gmail.com  
 (5)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tebeco@gmail.com)  
 </br>[Thays Grazia (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thaystg@gmail.com)  
 </br>[thetownfool thetownfool@gmail.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thetownfool@gmail.com)  
 </br>[Thomas Levesque  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com)  
 </br>[Tibor Tth (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=totht91@gmail.com)  
 </br>[Todd Grunke  
 (18)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=toddgrun@microsoft.com)  
 </br>[Tom Deseyn (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tom.deseyn@gmail.com)  
 </br>[Vasilev Pyotr (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vahpetr@gmail.com)  
 </br>[Vaughan  
 Reid (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vaughanreid@gmail.com)  
 </br>[Victor Lindespang  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=36196344+lindespang@users.noreply.github.com)  
 </br>[Vladimir Samoilenko  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wsamprof@gmail.com)  
 </br>[Vyacheslav Napadovsky  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=napadovskiy@gmail.com)  
 </br>[Wayne Adams  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Valks@users.noreply.github.com)  
 </br>[Will Godbe  
 (27)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
 </br>[Will (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=doggy.huang@gmail.com)

</br>[William Godbe  
(99)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com>)  
</br>[witskeeper  
witskeeper@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=witskeeper@gmail.com>)  
</br>[wtgodbe wigodbe@microsoft.com  
(8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com>)  
</br>[WuYafeng yafeng.wu@outlook.com  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=yafeng.wu@outlook.com>)  
</br>[Youssef Victor  
(5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com>)  
</br>[Zachary Becknell  
(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zbecknell@users.noreply.github.com>)  
</br>[ZeBobo5 ZeBobo5@users.noreply.github.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ZeBobo5@users.noreply.github.com>)  
</br>  
## efcore

</br>[liveowl liveowl@outlook.com  
(2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=liveowl@outlook.com>)  
</br>[ajcvickers ajcvickers@hotmail.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com>)  
</br>[Alaa  
Masoud (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=alaa.masoud@live.com>)  
</br>[Aleksandar Manukov  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=34056917+aleksandar-manukov@users.noreply.github.com>)  
</br>[Aleksei pankraty@gmail.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=pankraty@gmail.com>)  
</br>[Alex Fanat (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=alex.fanat@smus.ca>)  
</br>[Alexander Tschner  
(2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=AlexanderTaeschner@users.noreply.github.com>)  
</br>[Alexey Dvoretzkiy (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=dvoreckyya@mail.ru>)  
</br>[Andriy Svyryd  
(100)](<https://github.com/dotnet/efcore/commits/release/5.0?author=AndriySvyryd@users.noreply.github.com>)  
</br>[AndriySvyryd Andriy.Svyryd@microsoft.com  
(46)](<https://github.com/dotnet/efcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com>)  
</br>[Arthur  
Vickers (164)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com>)  
</br>[bdebaere brechtdebaere@yahoo.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=brechtdebaere@yahoo.com>)  
</br>[Ben McCallum  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ben.mccallum@live.com.au>)  
</br>[Brice Lambson (89)](<https://github.com/dotnet/efcore/commits/release/5.0?author=brice@bricelam.net>)  
</br>[Christopher Costa (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=chcosta@microsoft.com>)  
</br>[Christopher Haws (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=cribs2@gmail.com>)

</br>[Cdric Luthi (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=cedric.luthi@gmail.com)

</br>[Dan Moseley (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=danmose@microsoft.com)

</br>[Doug Bunting

(22)](https://github.com/dotnet/efcore/commits/release/5.0?author=6431421+dougbu@users.noreply.github.com)

</br>[Epsitha

Ananth

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com)

</br>[Eric St-Georges

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=EricStG@users.noreply.github.com)

</br>[Erik Ejlskov

(3)](https://github.com/dotnet/efcore/commits/release/5.0?author=ErikEJ@users.noreply.github.com)

</br>[ErikEJ ejlskov@hotmail.com

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ejlskov@hotmail.com)

</br>[Ivan Maximov (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=sungam3r@yandex.ru)

</br>[Ivaylo Kenov (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ivaylo.kenov@gmail.com)

</br>[Jacob Viau (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=javia@microsoft.com)

</br>[Jacob Viau (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jviau@ualberta.ca)

</br>[Jasper Hedegaard

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jasperhb@outlook.com)

</br>[Jeffrey Svajlenko

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jeff.svajlenko@gmail.com)

</br>[Jeremy Zagorski (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jmzagorski@gmail.com)

</br>[Jiri Cincura (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net)

</br>[Jiri Cincura (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net)

</br>[John Luo (5)](https://github.com/dotnet/efcore/commits/release/5.0?author=johluo@microsoft.com)

</br>[Jon Louie (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jlouie3@gmail.com)

</br>[Jonathan vanillajonathan@users.noreply.github.com

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com)

</br>[Josh Studt

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=32800478+orionstudt@users.noreply.github.com)

</br>[Justin

Kotalik (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jkotalik12@gmail.com)

</br>[Kaloyan Kostov

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=kaloyan.kostov@yahoo.com)

</br>[Kaloyan Kostov

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=kkostov.kaloyan@gmail.com)

</br>[Kevin Pilch (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=me@pilchie.com)

</br>[lajones lajones@users.noreply.github.com

(50)](https://github.com/dotnet/efcore/commits/release/5.0?author=lajones@users.noreply.github.com)

</br>[Laurence King

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=53393540+LaurenceJKing@users.noreply.github.com)

</br>[liweihan weihaanli@outlook.com

(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=weihaanli@outlook.com)

</br>[lokalmatador 12415790+lokalmatador@users.noreply.github.com

(2)](https://github.com/dotnet/efcore/commits/release/5.0?author=12415790+lokalmatador@users.noreply.github.com)

</br>[manvydasu

31101065+manvydasu@users.noreply.github.com  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=31101065+manvydasu@users.noreply.github.com  
 )  
 </br>[Martin Boye  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=martinboyepetersen@hotmail.com)  
 </br>[Massimo Giambona  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=m4ss1m0g@users.noreply.github.com)  
 </br>[Matt Mitchell (11)](https://github.com/dotnet/efcore/commits/release/5.0?author=mmitch@microsoft.com)  
 </br>[Matthew Lieder  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=lieder\_matthew@hotmail.com)  
 </br>[Matthias Lischka  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=matthiaslischka@users.noreply.github.com)  
 </br>[maumar maumar@microsoft.com  
 (34)](https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com)  
 </br>[Maurycy Markowski  
 (41)](https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com)  
 </br>[Max  
 K (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=knom@users.noreply.github.com)  
 </br>[Michael Stuckey  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michael.stuckey@gmail.com)  
 </br>[Mike Surcouf (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=mike@surcouf.co.uk)  
 </br>[Mike Wodarczyk (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=mikew@drbronner.com)  
 </br>[mmitch@mmitch@microsoft.com  
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=mmitch@microsoft.com)  
 </br>[Neil Bostrom (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=github@silvergames.net)  
 </br>[Nicolas Michels  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com)  
 </br>[Ncolas Michels  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com)  
 </br>[Paul Middleton  
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=paul.w.middleton@gmail.com)  
 </br>[Paulo  
 Morgado  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.co  
 m)  
 </br>[Peter Huang (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ptjhuang@gmail.com)  
 </br>[Philipp Zech (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=zech.ph@gmail.com)  
 </br>[Rafael Almeida (4)](https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net)  
 </br>[Rafael Almeida (5)](https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net)  
 </br>[Roma Marusyk  
 (11)](https://github.com/dotnet/efcore/commits/release/5.0?author=romamarusyk@gmail.com)  
 </br>[Roman Marusyk  
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=Marusyk@users.noreply.github.com)  
 </br>[Sergei Khlebnikov  
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=SergerGood@users.noreply.github.com)  
 </br>[Shay Rojansky (120)](https://github.com/dotnet/efcore/commits/release/5.0?author=roji@roji.org)  
 </br>[Smit

Patel (318)](https://github.com/dotnet/efcore/commits/release/5.0?author=smitpatel@users.noreply.github.com)  
</br>[Stephen Vernyi (14)](https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com)  
</br>[Steve steve.vernyi@gmail.com  
(12)](https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com)  
</br>[Sven 6847381+svengance@users.noreply.github.com  
(3)](https://github.com/dotnet/efcore/commits/release/5.0?author=6847381+svengance@users.noreply.github.com)  
</br>[Sbastien Ros (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=sebastienros@gmail.com)  
</br>[Thomas Levesque  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=thomaslevesque@users.noreply.github.com)  
</br>[Toni Wenzel  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=toni.wenzel@googlemail.com)  
</br>[Turner Bass (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=turner@psypher9.com)  
</br>[Vlad  
Dragnea (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=vlad.dragnea@gmail.com)  
</br>[Will Godbe (7)](https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[William Godbe (24)](https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[wtgodbe wigodbe@microsoft.com  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>

## installer

</br>[akharlov harl\_aa@skbkontur.ru  
(3)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl\_aa@skbkontur.ru)  
</br>[Alexander Kplinger  
(5)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com)  
</br>[Anirudh Agnihotry  
(3)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com)  
</br>[Bekir Ozturk  
(14)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bozturk@microsoft.com)  
</br>[Brian Robbins  
(5)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=brianrob@microsoft.com)  
</br>[Bruno  
Logerfo (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bclogerfo@hotmail.com)  
</br>[Christopher Costa  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=chcosta@microsoft.com)  
</br>[Dan Moseley  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=danmose@microsoft.com)  
</br>[Daniel Plaisted  
(12)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=daplaist@microsoft.com)  
</br>[Daniel Plaisted  
(2)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dsplaisted@gmail.com)  
</br>[Davis Goodin  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dagood@users.noreply.github.com)  
</br>[Divino Csar (4)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=divcesar@gmail.com)  
</br>[Epsitha Ananth  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com)

com)  
</br>[Eric  
Erhardt (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com)  
</br>[Fadi Hanna (2)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=fadim@microsoft.com)  
</br>[halex2005 harl\_aa@skbkontur.ru  
(2)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl\_aa@skbkontur.ru)  
</br>[Immo Landwerth  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=immol@microsoft.com)  
</br>[Jacques Eloff  
(5)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com)  
</br>[Jakub Jare (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com)  
</br>[Jan Kotas (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jkotas@microsoft.com)  
</br>[John Beisner  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com)  
</br>[Juan Hoyos  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juan.hoyos@microsoft.com)  
</br>[Juan  
Sebastian (4)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juan.s.hoyos@outlook.com)  
</br>[Juan Sebastian  
(5)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juhoyosa@microsoft.com)  
</br>[juanam jcagme@gmail.com  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jcagme@gmail.com)  
</br>[Livar Cunha  
(3)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=licavalc@microsoft.com)  
</br>[Livar Cunha (6)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=livar@live.com)  
</br>[Lukas Lansky  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=lulansky@microsoft.com)  
</br>[Manodasan Wignarajah  
(4)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mawign@microsoft.com)  
</br>[Marc Paine  
(3)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=marcpop@microsoft.com)  
</br>[Matt  
Mitchell (83)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com)  
</br>[Michael Simons  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=msimons@microsoft.com)  
</br>[mmitche mmitche@microsoft.com  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com)  
</br>[Nick Guerrero  
(19)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nicholg@microsoft.com)  
</br>[Nikola Milosavljevic  
(3)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nikolam@microsoft.com)  
</br>[nohwnd me@jakubjares.com  
(1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com)  
</br>[Omair Majid (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=omajid@redhat.com)  
</br>[Phil Henning  
(2)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=phenning@microsoft.com)  
</br>[Pranav K (6)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=prkrishn@hotmail.com)  
</br>[Sarabjot

Singh (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sasin@microsoft.com)  
 </br>[Sarah Oslund  
 (13)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com)  
 </br>[sfoslund sfoslund@microsoft.com  
 (14)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com)  
 </br>[Symbai symbai@byom.de  
 (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=symbai@byom.de)  
 </br>[Viktor Hofer  
 (7)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com)  
 </br>[vsadov vsadov@microsoft.com  
 (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=vsadov@microsoft.com)  
 </br>[William Godbe  
 (7)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wigodbe@microsoft.com)  
 </br>[William Li (65)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wul@microsoft.com)  
 </br>[Zbynk  
 Sailer (1)](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)  
 </br>  
 ## runtime  
 </br>[303248153 303248153@qq.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=303248153@qq.com)  
 </br>[@ sunth0101@126.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sunth0101@126.com)  
 </br>[a-zh 39411904+a-zh@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=39411904+a-zh@users.noreply.github.com)  
 </br>[Aaron Hudon (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=aaron.hudon@gmail.com)  
 </br>[Aaron Kunz (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=me@daxaholic.com)  
 </br>[Aaron R (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=arobins@microsoft.com)  
 </br>[Aaron Robinson  
 (59)](https://github.com/dotnet/runtime/commits/release/5.0?author=arobins@microsoft.com)  
 </br>[Abel Braaksma (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=abel.online@xs4all.nl)  
 </br>[Adam  
 Sitnik (27)](https://github.com/dotnet/runtime/commits/release/5.0?author=adam.sitnik@gmail.com)  
 </br>[Adeel adeelbm@outlook.com  
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com)  
 </br>[Adeel Mujahid (63)](https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com)  
 </br>[Ahmad Ibrahim (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ahmad.cdev@gmail.com)  
 </br>[Ahmed Mohamed  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ahmed\_master23@hotmail.com)  
 </br>[Ahson Khan  
 (14)](https://github.com/dotnet/runtime/commits/release/5.0?author=ahson\_ahmedk@yahoo.com)  
 </br>[Alaa Masoud (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=alaa.masoud@live.com)  
 </br>[Alan Isaac (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=alan.pinkert@gmail.com)  
 </br>[Alan West  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=3676547+alanwest@users.noreply.github.com)  
 </br>[Aleksey  
 Kliger (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=aleksey@lambdageek.org)  
 </br>[Aleksey Kliger (32)](https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com)

</br>[Aleksey Kliger (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com>)

</br>[Alessio Franceschelli  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alessio@franceschelli.me>)

</br>[Alex Villarreal (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex@alexvy86.com>)

</br>[Alexander Koplinger  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com>)

</br>[Alexander Kplinger  
(149)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com>)

</br>[Alexander Nikolaev  
(38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55398552+alnikola@users.noreply.github.com>)

</br>[Alexander  
Soldatov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=soldatov.a@samsung.com>)

</br>[Alexander Speshilov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=speshuric@mail.ru>)

</br>[Alexandre Mutel  
(2)]([https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre_mutel@live.com))

</br>[Alexey Golub (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tyrrrrrr@gmail.com>)

</br>[Alexis Christoforides  
(21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alexis@thenull.net>)

</br>[AlFas AlFasGD@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=AlFasGD@users.noreply.github.com>)

</br>[Alfred Myers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=git@alfredmyers.com>)

</br>[Alistair Evans (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alistairjeans@gmail.com>)

</br>[Alois-xx akraus1@gmx.de  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=akraus1@gmx.de>)

</br>[Anatoly  
Belyaev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tolya.msu@gmail.com>)

</br>[Andrew Arnott  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewarnott@gmail.com>)

</br>[Andrew Arnott  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Andrew.arnott@Microsoft.com>)

</br>[Andrew Au (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cshung@gmail.com>)

</br>[Andrew Au (57)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewau@microsoft.com>)

</br>[Andrew Boyarshin  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrew.boyarshin@gmail.com>)

</br>[Andrey Akinshin  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrey.akinshin@gmail.com>)

</br>[Andrey Kurdyumov  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kant2002@gmail.com>)

</br>[Andriy a.tsymbalistyi@outlook.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)

</br>[Andriy  
Tsymbalistyi (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)

</br>[Andy Ayers (75)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andya@microsoft.com>)

</br>[Andy Gocke (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=angocke@microsoft.com>)

</br>[Andy Hanson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anhans@microsoft.com>)

</br>[Anipik anirudhagnihotry098@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)



</br>[Anirudh Agnihotry  
(84)](https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com)  
</br>[Ankit Jain (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=radical@gmail.com)  
</br>[Anton Firszov  
(24)](https://github.com/dotnet/runtime/commits/release/5.0?author=Anton.Firszov@microsoft.com)  
</br>[Anton Landor  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=55381413+AntonLandor@users.noreply.github.com)  
</br>[Anton Lapounov  
(27)](https://github.com/dotnet/runtime/commits/release/5.0?author=antonl@microsoft.com)  
</br>[Anton Vasiliev (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=si1ver1502@gmail.com)  
</br>[Anubhav Srivastava (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=t-ansri@microsoft.com)  
</br>[Anubhav Srivastava  
(5)](https://github.com/dotnet/runtime/commits/release/5.0?author=SrivastavaAnubhav@users.noreply.github.com)  
</br>[AraHaan 15173749+AraHaan@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=15173749+AraHaan@users.noreply.github.com)  
</br>[Arialdo Martini  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=arialdomartini@gmail.com)  
</br>[asmichi asmichi@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=asmichi@users.noreply.github.com)  
</br>[Austin  
Wise (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=AustinWise@gmail.com)  
</br>[Barry Dorrans (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=github.com@idunno.org)  
</br>[Ben Adams (19)](https://github.com/dotnet/runtime/commits/release/5.0?author=thundercat@illyriad.co.uk)  
</br>[benhall\_io 3179852+benhall@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=3179852+benhall@users.noreply.github.com)  
</br>[Benjamin Bartels (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=benjamin@bartels.dev)  
</br>[Bernhard Urban-Forster  
(26)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewurm@gmail.com)  
</br>[Bill Wert (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=billwert@microsoft.com)  
</br>[Bond-009 bond.009@outlook.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bond.009@outlook.com)  
</br>[Borislav Ivanov  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bsivanov@users.noreply.github.com)  
</br>[Brennan  
brecon@microsoft.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=brecon@microsoft.com)  
</br>[Brian Bohe (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=t-brboh@microsoft.com)  
</br>[Brian Friesen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=brian.friesen@gmail.com)  
</br>[Brian Robbins (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=brianrob@microsoft.com)  
</br>[Brian Sullivan (26)](https://github.com/dotnet/runtime/commits/release/5.0?author=briansul@microsoft.com)  
</br>[Brian Walker  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=daddyman@users.noreply.github.com)  
</br>[Brooke Philpott (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=brphilpott@yahoo.com)  
</br>[Bruce Forstall (81)](https://github.com/dotnet/runtime/commits/release/5.0?author=brucefo@microsoft.com)  
</br>[Bruno Garcia

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bruno@brunogarcia.com>)  
 </br>[Buyaa bunamnan@microsoft.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com>)  
 </br>[buyaa-n bunamnan@microsoft.com  
 (28)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com>)  
 </br>[buyaa-n buyankhishig.namnan@microsoft.com  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=buyankhishig.namnan@microsoft.com>)  
 </br>[Calvin Buckley (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=calvin@cmpct.info>)  
 </br>[Carlos Sanchez  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com>)  
 </br>[Carlos Sanchez  
 (30)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com>)  
 </br>[carlossanlop calope@microsoft.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=calope@microsoft.com>)  
 </br>[carlossanlop  
 carlossanlop@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=carlossanlop@users.noreply.github.com>)  
 </br>[Carol Eidt (65)](<https://github.com/dotnet/runtime/commits/release/5.0?author=carol.eidt@microsoft.com>)  
 </br>[Chandramouleswaran chandramouleswaran@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=chandramouleswaran@gmail.com>)  
 </br>[Chaojie 42886212+v-chayan@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=42886212+v-chayan@users.noreply.github.com>)  
 </br>[Charles Milette  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=charles.milette@gmail.com>)  
 </br>[Charles Stoner (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=chucks@microsoft.com>)  
 </br>[Cheena Malhotra (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-chmalh@microsoft.com>)  
 </br>[Chris R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@outlook.com>)  
 </br>[Chris  
 Ross (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@Outlook.com>)  
 </br>[Christian Hiersekorn  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hiersekorn@users.noreply.github.com>)  
 </br>[Cijo Thomas (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cithomas@microsoft.com>)  
 </br>[Clinton Ingram  
 (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clinton.ingram@outlook.com>)  
 </br>[Cody cojacfar@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cojacfar@gmail.com>)  
 </br>[Cory Nelson (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=phrosty@gmail.com>)  
 </br>[Cdric Luthi (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cedric.luthi@gmail.com>)  
 </br>[Dan Moseley (37)](<https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[Daniel Roth (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=daroth@microsoft.com>)  
 </br>[danmosemsft  
 danmose@microsoft.com  
 (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[David Cantu (15)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com>)  
 </br>[David Cant (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com>)

</br>[David Fowler (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=davidfowl@gmail.com>)

</br>[David Mason  
(46)](<https://github.com/dotnet/runtime/commits/release/5.0?author=davmason@microsoft.com>)

</br>[David Shulman  
(11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=david.shulman@microsoft.com>)

</br>[David Wrighton  
(76)](<https://github.com/dotnet/runtime/commits/release/5.0?author=davidwr@microsoft.com>)

</br>[Davis Goodin (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@microsoft.com>)

</br>[Davis Goodin  
(18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@users.noreply.github.com>)

</br>[devsko  
devsko@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=devsko@users.noreply.github.com>)

</br>[devtwogenies 49120331+devtwogenies@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=49120331+devtwogenies@users.noreply.github.com>)

</br>[dhusemann drhent@hotmail.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=drhent@hotmail.com>)

</br>[Dmitriy Maksimov  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Dmitriy.Maksimov@gmail.com>)

</br>[Dong-Heon Jung (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clamp03@gmail.com>)

</br>[Dong-Heon Jung  
(9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dheon.jung@samsung.com>)

</br>[Dongbo Wang (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dongbow@microsoft.com>)

</br>[Doug Bunting  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=6431421+doughu@users.noreply.github.com>)

</br>[Drew  
Noakes (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=git@drewnoakes.com>)

</br>[Drew Scoggins  
(29)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anscoggi@microsoft.com>)

</br>[Eddy Nakamura (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eddynaka@gmail.com>)

</br>[Eddy Nakamura  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ednakamu@microsoft.com>)

</br>[Edison Henrique (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ehasis@hotmail.com>)

</br>[Edward Brey (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=edward@breyfamily.net>)

</br>[Edward Kazuya (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kazuya@comcast.net>)

</br>[Egor Bogatov (111)](<https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com>)

</br>[Egor Chesakov  
(60)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Egor.Chesakov@microsoft.com>)

</br>[EgorBo  
egor@gmail.com (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=egor@gmail.com>)

</br>[EgorBo egorbo@gmail.com  
(40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com>)

</br>[Eirik Tsarpalis  
(118)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eirik.tsarpalis@gmail.com>)

</br>[eli-fin eyfinkel@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eyfinkel@gmail.com>)

</br>[Elinor Fung (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=elfung@microsoft.com>)

</br>[Elinor Fung (64)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47805090+elinor-fung@users.noreply.github.com>)

</br>[Emmanuel Andr

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2341261+manandre@users.noreply.github.com>)

</br>[Epsitha Ananth

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)

</br>[Erhan Atesoglu

(9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)

</br>[Eriawan Kusumawardhono

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eriawan@live.com>)

</br>[Eric Erhardt

(66)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eric.erhardt@microsoft.com>)

</br>[Eric StJohn (40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ericstj@microsoft.com>)

</br>[Espen Rvik

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=espenrl@users.noreply.github.com>)

</br>[Eugene Rozenfeld

(35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=erozen@microsoft.com>)

</br>[Eugene Samoylov

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugenesmlv@gmail.com>)

</br>[Evgenii Stepanov

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugeni.stepanov@gmail.com>)

</br>[Fadi Hanna (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadi.mounir@outlook.com>)

</br>[Fadi

Hanna (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadim@microsoft.com>)

</br>[Fan Yang (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)

</br>[Fan Yang (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=52458914+fanyang-mono@users.noreply.github.com>)

</br>[fanyang-mono yangfan@microsoft.com

(10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)

</br>[Federico Zuccollo

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=federico.zuccollo@gmail.com>)

</br>[Felipe Pessoto

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=felipepessoto@hotmail.com>)

</br>[Felipe Pessoto (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fepessot@microsoft.com>)

</br>[Fernando Andreu

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2480661+fernandreu@users.noreply.github.com>)

)

</br>[Filip Navara (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=navara@emclient.com>)

</br>[Filip

Navara (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=filip.navara@gmail.com>)

</br>[Francesco Saltori

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=francescosaltori@gmail.com>)

</br>[Fraser Waters (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=frassle@gmail.com>)

</br>[FreddyD-GH 12990709+FreddyD-GH@users.noreply.github.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=12990709+FreddyD-GH@users.noreply.github.com>)

</br>[Frederik Carlier

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=frederik.carlier@quamotion.mobi>)

</br>[Fredrik Histher (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fredrik.rasch@gmail.com>)

</br>[Ganbarukamo41 ganbarukamo@gmail.com

(18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ganbarukamo@gmail.com>)

</br>[Geoff Kizer (19)](<https://github.com/dotnet/runtime/commits/release/5.0?author=geoffrek@microsoft.com>)

</br>[GeorgeAlexandria

giorgi.alexandria@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=giorgi.alexandria@gmail.com>)

</br>[Gleb Balykov (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=g.balykov@samsung.com>)

</br>[Gustavo Varo

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gugavaro@users.noreply.github.com>)

</br>[Grald Barr

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=meziantou@users.noreply.github.com>)

</br>[Gnter Foidl (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gue@korporal.at>)

</br>[Hamish Arblaster

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hamarb123@gmail.com>)

</br>[handlespeed handlespeed@163.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=handlespeed@163.com>)

</br>[Hao Kung

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=HaoK@users.noreply.github.com>)

</br>[Heku jzd@live.cn

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jzd@live.cn>)

</br>[Henrik lassenn@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lassenn@gmail.com>)

</br>[Henrique Fernandes

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=henrique.baggio@outlook.com>)

</br>[Himanshu Soni (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hsoni@tavisca.com>)

</br>[Honza Rame (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ramejan@gmail.com>)

</br>[Huang, Zhaoquan

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zhaquan2008@hotmail.com>)

</br>[Hugh Bellamy (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hughbellars@gmail.com>)

</br>[Huo Yaoyuan (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=huoyaoyuan@hotmail.com>)

</br>[Ilia ki.stfu@gmail.com

(4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com>)

</br>[Ilia K (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com>)

</br>[Ilya

darpa@yandex.ru (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=darpa@yandex.ru>)

</br>[imhameed imhameed@microsoft.com

(13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=imhameed@microsoft.com>)

</br>[Immo Landwerth (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=immo@landwerth.net>)

</br>[Immo Landwerth (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=immol@microsoft.com>)

</br>[Ivan ivanbuha@outlook.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivanbuha@outlook.com>)

</br>[Ivan David (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com>)

</br>[Ivan Diaz (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com>)

</br>[Ivan Povazan

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55002338+ivanpovazan@users.noreply.github.com>)

</br>[Jacob

Lalonde (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jjjlalonde@gmail.com>)

</br>[Jake Meiergerd (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jakenveina@gmail.com>)

</br>[Jakob Botsch

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Jakob.botsch.nielsen@gmail.com>)

</br>[James Newton-King

(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=james@newtonking.com>)

</br>[Jan Jahoda (15)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jajahoda@microsoft.com>)

</br>[Jan Kotas (208)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkotas@microsoft.com>)

</br>[Jan Vorlicek (102)](<https://github.com/dotnet/runtime/commits/release/5.0?author=janvorli@microsoft.com>)

</br>[Jared Parsons

(12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jaredpparsons@gmail.com>)

</br>[Jarret Shook (33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com>)

</br>[jashook jashoo@microsoft.com

(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com>)

</br>[Jason Pugsley (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jason.pugsley@gmail.com>)

</br>[Jay Krell (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jaykrell@microsoft.com>)

</br>[Jeff Handley

(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffhandley@users.noreply.github.com>)

</br>[Jeff Schwartz (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffschw@microsoft.com>)

</br>[Jeffrey Zhao (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffz@live.com>)

</br>[Jeremy Barton (32)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jbarton@microsoft.com>)

</br>[Jeremy Koritzinsky

(50)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jekoritz@microsoft.com>)

</br>[Jeremy Kuhne (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkuhne@microsoft.com>)

</br>[Jeroen

Oortwijn

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=51476918+JeroenOortwijn@users.noreply.github.com>)

</br>[JesperTreetop jesper.lindholm@treetop.se

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jesper.lindholm@treetop.se>)

</br>[jeuxjeux20 jeuxjeux20@outlook.fr

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeuxjeux20@outlook.fr>)

</br>[Jim Buck (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jim@jimbuck.io>)

</br>[Jimmy Bogard

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jimmy.bogard@gmail.com>)

</br>[Jo Shields (16)](<https://github.com/dotnet/runtime/commits/release/5.0?author=directhex@apebox.org>)

</br>[Jo Shields (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshield@microsoft.com>)

</br>[Johan Lorensen

(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com>)

</br>[John johnkellyoxford@gmail.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com>)

</br>[John

Kelly (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com>)

</br>[John Luo (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johluo@microsoft.com>)

</br>[John Salem (28)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josalem@microsoft.com>)

</br>[John Smith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john@solrevdev.com>)

</br>[John Tur (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john-tur@outlook.com>)

</br>[Johonis jonas\_kuntze@web.de

(1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=jonas\\_kuntze@web.de](https://github.com/dotnet/runtime/commits/release/5.0?author=jonas_kuntze@web.de))  
 </br>[Jon Fortescue (18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jofortes@microsoft.com>)  
 </br>[Jonathan Chambers  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joncham@gmail.com>)  
 </br>[Jonathan Marler  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnnymarler@gmail.com>)  
 </br>[Jonathan  
 Peppers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonathan.peppers@gmail.com>)  
 </br>[Joni jonijpn@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonijpn@gmail.com>)  
 </br>[Jose Perez (21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joperezr@microsoft.com>)  
 </br>[Joseph Musser (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@jnm2.com>)  
 </br>[Josh Groves (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josh@joshgroves.com>)  
 </br>[Josh Schreuder  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshschreuder@gmail.com>)  
 </br>[Juan Hoyos (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juan.hoyos@microsoft.com>)  
 </br>[Juan Sebastian (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juhoyosa@microsoft.com>)  
 </br>[Julien Couvreur  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jcouv@users.noreply.github.com>)  
 </br>[Justin  
 Kotalik (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkotalik12@gmail.com>)  
 </br>[Kahbazi A.Kahbazi@gmail.com  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=A.Kahbazi@gmail.com>)  
 </br>[Karel Zikmund (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=karelz@microsoft.com>)  
 </br>[Katarzyna Buat (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-kabul@microsoft.com>)  
 </br>[Katelyn Gadd (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kg@luminance.org>)  
 </br>[Keith Kjer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjerkdev@gmail.com>)  
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 (1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=bob\\_corillian@hotmail.com](https://github.com/dotnet/runtime/commits/release/5.0?author=bob_corillian@hotmail.com))  
 </br>[Kenneth Pouncey (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjpou@pt.lu>)  
 </br>[Kevin Jones (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevin@vcsjones.com>)  
 </br>[Kevin  
 Pilch (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevinpi@microsoft.com>)  
 </br>[Key Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=keyhyuk.kim@gmail.com>)  
 </br>[Kirill Frolov (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.frolov@samsung.com>)  
 </br>[klettier lettier.kevin@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lettier.kevin@gmail.com>)  
 </br>[Konstantin Baladurin  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.baladurin@gmail.com>)  
 </br>[Koundinya Veluri  
 (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@users.noreply.github.com>)  
 </br>[Koundinya Veluri  
 (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@microsoft.com>)  
 </br>[Kristian Hellang (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kristian@hellang.com>)  
 </br>[Krzysztof Bogacki  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=krzysztof.bogacki@leancode.pl>)  
 </br>[Krzysztof

Wicher (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mordotymoja@gmail.com>)  
 </br>[Krzysztof Wicher  
 (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kwicher@microsoft.com>)  
 </br>[Kunal Pathak  
 (31)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Kunal.Pathak@microsoft.com>)  
 </br>[ladeak ladeak@windowslive.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ladeak@windowslive.com>)  
 </br>[Larry Ewing (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@microsoft.com>)  
 </br>[lateralusX lateralusx.github@gmail.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com>)  
 </br>[lateralusX lateralusX@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusX@users.noreply.github.com>)  
 </br>[Layomi Akinrinade  
 (84)](<https://github.com/dotnet/runtime/commits/release/5.0?author=laakinri@microsoft.com>)  
 </br>[LeaFrock  
 LeaFrock@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=LeaFrock@users.noreply.github.com>)  
 </br>[Leandro A.  
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com>)  
 </br>[Leandro Pereira  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com>)  
 </br>[Lee Coward (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=leecow@microsoft.com>)  
 </br>[Lennart Brggemann  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lbrueggemann@outlook.com>)  
 </br>[Leslie Zhai (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zhaixiang@loongson.cn>)  
 </br>[Levi Broderick  
 (65)](<https://github.com/dotnet/runtime/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com>)  
 </br>[lewing lewing@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@users.noreply.github.com>)  
 </br>[lindexi  
 lindexi@users.noreply.github.com  
 (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lindexi@users.noreply.github.com>)  
 </br>[Liudmila Molkova  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lmolkova@microsoft.com>)  
 </br>[Loc Sharma (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sharma.loic@gmail.com>)  
 </br>[Lucas Trzesniewski  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lucas.trzesniewski@gmail.com>)  
 </br>[Luk Lnsk (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lukas@lansky.name>)  
 </br>[Mackinnon Buck  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mackinnon.buck@gmail.com>)  
 </br>[madmir 1119735+madmir@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1119735+madmir@users.noreply.github.com>)  
 </br>[Maher Jendoubi  
 (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=maher.jendoubi@gmail.com>)  
 </br>[Maira  
 Wenzel (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mairaw@microsoft.com>)  
 </br>[Manish Godse



(38)](https://github.com/dotnet/runtime/commits/release/5.0?author=61718172+mangod9@users.noreply.github.com)

</br>[Manuel Pfemeter (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=m)

</br>[Manuel Pfemeter

(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=manne@users.noreply.github.com)

</br>[Maoni Stephens

(10)](https://github.com/dotnet/runtime/commits/release/5.0?author=Maoni0@users.noreply.github.com)

</br>[marcnet80 46241368+marcnet80@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=46241368+marcnet80@users.noreply.github.com)

</br>[Marco Rossignoli

(10)](https://github.com/dotnet/runtime/commits/release/5.0?author=marco.rossignoli@gmail.com)

</br>[Marcus Turewicz

(7)](https://github.com/dotnet/runtime/commits/release/5.0?author=24448509+marcuturewicz@users.noreply.github.com)

</br>[Marek Habersack

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=grendel@twistedcode.net)

</br>[Marek Safar (55)](https://github.com/dotnet/runtime/commits/release/5.0?author=marek.safar@gmail.com)

</br>[Marie Pchov

(24)](https://github.com/dotnet/runtime/commits/release/5.0?author=11718369+ManickaP@users.noreply.github.com)

</br>[Marie Pchov (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=mapichov@microsoft.com)

</br>[Marius Gundersen

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=me@mariusgundersen.net)

</br>[Marius Ungureanu

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=teromario@yahoo.com)

</br>[Marius Ungureanu (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=therzok@gmail.com)

</br>[Martin Costello

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=martin@martincostello.com)

</br>[Maryam Ariyan

(52)](https://github.com/dotnet/runtime/commits/release/5.0?author=maryam.ariyan@microsoft.com)

</br>[Mateo

Torres (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com)

</br>[Mateo Torres-Ruiz

(8)](https://github.com/dotnet/runtime/commits/release/5.0?author=mateoatr@users.noreply.github.com)

</br>[mateoatr matorre@microsoft.com

(9)](https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com)

</br>[Matt Connew (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=mconnew@microsoft.com)

</br>[Matt Galbraith (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mattgal@microsoft.com)

</br>[Matt Galbraith

(8)](https://github.com/dotnet/runtime/commits/release/5.0?author=MattGal@users.noreply.github.com)

</br>[Matt Kotsenas

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=Matt.Kotsenas@gmail.com)

</br>[Matt Kotsenas (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=mattkot@microsoft.com)

</br>[Matt Mitchell (35)](https://github.com/dotnet/runtime/commits/release/5.0?author=mmitche@microsoft.com)

</br>[Matt

Smith (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=matthew.j.smith2@outlook.com)

</br>[Matt Warren (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=matt.warren@live.co.uk)

</br>[Matthew R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew@centreboard.net>)

</br>[Mattias Karlsson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattias@devlead.se>)

</br>[Maxim Lipnin (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mlipnin@gmail.com>)

</br>[Maxim Lipnin (46)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-maxlip@microsoft.com>)

</br>[mayorovp mayorovp@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mayorovp@gmail.com>)

</br>[mdh1418 mdh1418@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mdh1418@users.noreply.github.com>)

</br>[Medeni Baykal  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=433724+Haplois@users.noreply.github.com>)

</br>[Michael  
Katz  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45770613+microkatz@users.noreply.github.com>)

</br>[Michal Strehovsk  
(67)](<https://github.com/dotnet/runtime/commits/release/5.0?author=MichalStrehovsky@users.noreply.github.com>)

</br>[Micha Bryka (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=michal.brylka@gmail.com>)

</br>[Miha Zupan  
(38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)

</br>[Mika Lehtinen  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Smibu@users.noreply.github.com>)

</br>[Mike Danes (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com>)

</br>[Mike McLaughlin  
(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mikem@microsoft.com>)

</br>[Mike Rousos (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mikerou@microsoft.com>)

</br>[mikedn  
onemihaid@hotmail.com  
(13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com>)

</br>[Mikel Blanchard  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mblanchard@macrosssoftware.com>)

</br>[Mikhail Kurinnoi  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=m.kurinnoi@samsung.com>)

</br>[Mikhail Kurinnoi  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=viewizard@viewizard.com>)

</br>[Mikhail Pilin  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ww898@users.noreply.github.com>)

</br>[minju 37239344+hiMinju@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=37239344+hiMinju@users.noreply.github.com>)

</br>[Mitch Valenta (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mvalenta@live.com>)

</br>[Mitchell Hwang  
(40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mitchhwang1418@gmail.com>)

</br>[Mohammed Adenwala  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adenwala@outlook.com>)

</br>[monojenkins  
jo.shields+jenkins@xamarin.com  
(296)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jo.shields+jenkins@xamarin.com>)

</br>[monojenkins releng@xamarin.com

(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=releng@xamarin.com)  
</br>[mrj001 62225294+mrj001@users.noreply.github.com  
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(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=35516665+MSDN-WhiteKnight@users.noreply.github.com)  
</br>[Mukul Sabharwal (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=muks@microsoft.com)  
</br>[Natalia Kondratyeva  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=kondratyeva.ns@gmail.com)  
</br>[Natalia Kondratyeva  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=knatalia@microsoft.com)  
</br>[Nathan  
Ricci (21)](https://github.com/dotnet/runtime/commits/release/5.0?author=naricc@microsoft.com)  
</br>[nathan-moore nathanmoore424@gmail.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=nathanmoore424@gmail.com)  
</br>[Nelson Chen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=crazysim@gmail.com)  
</br>[Next Turn  
(30)](https://github.com/dotnet/runtime/commits/release/5.0?author=45985406+NextTurn@users.noreply.github.com)  
</br>[Nicholas Orlowsky  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=38eui@protonmail.com)  
</br>[Nick Craver (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=craver@stackoverflow.com)  
</br>[Nick Craver (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nrcraver@gmail.com)  
</br>[Nick Guerrera (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nicholg@microsoft.com)  
</br>[Nico Kranz (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nico@kranz.space)  
</br>[Nicolas  
Portmann (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=ndportmann@gmail.com)  
</br>[nietras nietras@users.noreply.github.com  
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=nietras@users.noreply.github.com)  
</br>[Nikiforov Alexey (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nik-alekcey@yandex.ua)  
</br>[Nikiforov Alexey  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikiforovalekcey@gmail.com)  
</br>[Nikola Milosavljevic  
(5)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com)  
</br>[Nikola Milosavljevic  
(8)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com)  
</br>[Nikolay Sivov  
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=nsivov@codeweavers.com)  
</br>[Nikolche Kolev (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikolev@microsoft.com)  
</br>[NN  
nn1436401@gmail.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nn1436401@gmail.com)  
</br>[Noah Falk  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@users.noreply.github.com)  
</br>[noahfalk noahfalk@microsoft.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@microsoft.com)  
</br>[Oded Hanson (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=odhanson@microsoft.com)

</br>[Oleksandr Tymoshenko  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gonzo@bluezbox.com>)  
 </br>[Olivia Chen  
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=51934529+oooooolivia@users.noreply.github.com>)  
 </br>[Omair Majid (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=omajid@redhat.com>)  
 </br>[Paul Westcott (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=p.westcott@gmail.com>)  
 </br>[Paulo Morgado  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com>)  
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 Ploompuu (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kaalikas@gmail.com>)  
 </br>[Peter Sollich (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=petersol@microsoft.com>)  
 </br>[pi1024e 49824824+pi1024e@users.noreply.github.com  
 (13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=49824824+pi1024e@users.noreply.github.com>)  
 </br>[Pieter-Jan Briers  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=pieterjan.briers@gmail.com>)  
 </br>[Pranav K (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=prkrishn@hotmail.com>)  
 </br>[Prashanth Govindarajan  
 (15)](<https://github.com/dotnet/runtime/commits/release/5.0?author=prgovi@microsoft.com>)  
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 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=premek.vysoky@microsoft.com>)  
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 Li (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=qin.li@thetradedesk.com>)  
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 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=radical@users.noreply.github.com>)  
 </br>[Reza Jooyandeh  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mr.jooyandeh@gmail.com>)  
 </br>[Rich Lander (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rlander@microsoft.com>)  
 </br>[Rikki Gibson (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rigibson@microsoft.com>)  
 </br>[rob313663 rob313663@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rob313663@gmail.com>)  
 </br>[Robert Henry (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rrh.henry@gmail.com>)  
 </br>[Robert Matuszewicz  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=robert.matuszewicz@protonmail.com>)  
 </br>[Roman Marusyk  
 (23)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Marusyk@users.noreply.github.com>)  
 </br>[Ross  
 Nelson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ross.nelson@gmail.com>)  
 </br>[Ryan Lucia (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ryan@luciaonline.net>)  
 </br>[Ryan Lucia (75)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rylucia@microsoft.com>)  
 </br>[Ryan Nowak (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nowakra@gmail.com>)  
 </br>[s0ddy msorin@msorin.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=msorin@msorin.com>)  
 </br>[Safia Abdalla (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=safia@microsoft.com>)

</br>[Sam Harwell  
(12)](https://github.com/dotnet/runtime/commits/release/5.0?author=Sam.Harwell@microsoft.com)  
</br>[Sam Patel  
(5)](https://github.com/dotnet/runtime/commits/release/5.0?author=46026722+SamMonoRT@users.noreply.github.com)  
</br>[Santiago Fernandez  
(205)](https://github.com/dotnet/runtime/commits/release/5.0?author=safem@microsoft.com)  
</br>[Saurabh  
Singh (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=saurabh.singh@microsoft.com)  
</br>[Saurabh Singh (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=sausing@microsoft.com)  
</br>[Scott Xu (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=scott-xu@msn.com)  
</br>[Sean Hall (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=r.sean.hall@gmail.com)  
</br>[Sean Killeen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=SeanKilleen@gmail.com)  
</br>[Sergey Andreenko  
(55)](https://github.com/dotnet/runtime/commits/release/5.0?author=seandree@microsoft.com)  
</br>[Sergey Aseev (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=serg046@outlook.com)  
</br>[Sergio Pedri (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=sergio0694@live.com)  
</br>[Sergiy Kuryata (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sergeyk@microsoft.com)  
</br>[Serhii  
Almazov (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=almazik@gmail.com)  
</br>[Shay Rojansky (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=roji@roji.org)  
</br>[Shimmy 2716316+weitzhandler@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=2716316+weitzhandler@users.noreply.github.com)  
</br>[Shubham Ranjan  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=shubhamranjan@users.noreply.github.com)  
</br>[Simon Nattress (34)](https://github.com/dotnet/runtime/commits/release/5.0?author=nattress@gmail.com)  
</br>[Sinan Kaya  
(12)](https://github.com/dotnet/runtime/commits/release/5.0?author=41809318+franksinankaya@users.noreply.github.com)  
</br>[SingleAccretion 62474226+SingleAccretion@users.noreply.github.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=62474226+SingleAccretion@users.noreply.github.com)  
</br>[Sourabh Shirhatti (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=shirhatti@outlook.com)  
</br>[SRV  
roman.sakno@gmail.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=roman.sakno@gmail.com)  
</br>[sschneider sschneider@overdrive.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=sschneider@overdrive.com)  
</br>[Stefan Nikolei (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=stefan@nikolei.eu)  
</br>[Stephen A. (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=clockwork-muse@outlook.com)  
</br>[Stephen Bonikowsky  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=stebon@microsoft.com)  
</br>[Stephen Halter (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=halter73@gmail.com)  
</br>[Stephen Toub (386)](https://github.com/dotnet/runtime/commits/release/5.0?author=stoub@microsoft.com)  
</br>[Steve Gordon (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sgordon@hotmail.co.uk)  
</br>[Steve

Harter (33)](https://github.com/dotnet/runtime/commits/release/5.0?author=steveharter@users.noreply.github.com)  
 </br>[Steve MacLean  
 (52)](https://github.com/dotnet/runtime/commits/release/5.0?author=Steve.MacLean@microsoft.com)  
 </br>[Steve Pfister  
 (30)](https://github.com/dotnet/runtime/commits/release/5.0?author=steveisok@users.noreply.github.com)  
 </br>[Steve Sanderson  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com)  
 </br>[Steven Yeh (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=say25@cornell.edu)  
 </br>[Stuart Lang (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=stuart.b.lang@gmail.com)  
 </br>[SUN Guoyun  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=40024232+sunny868@users.noreply.github.com  
 )  
 </br>[Sung Yoon (24)](https://github.com/dotnet/runtime/commits/release/5.0?author=suwhang@microsoft.com)  
 </br>[Sven Boemer (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=sbomer@gmail.com)  
 </br>[Swaroop  
 Sridhar (26)](https://github.com/dotnet/runtime/commits/release/5.0?author=Swaroop.Sridhar@microsoft.com)  
 </br>[Swaroop Sridhar  
 (6)](https://github.com/dotnet/runtime/commits/release/5.0?author=swaroop.sridhar@microsoft.com)  
 </br>[Swift Kim (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=swift.kim@samsung.com)  
 </br>[symphony symphony2014@users.noreply.github.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=symphony2014@users.noreply.github.com)  
 </br>[t-mustafin 66252296+t-mustafin@users.noreply.github.com  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=66252296+t-  
 mustafin@users.noreply.github.com)  
 </br>[TalAloni tal.aloni.il@gmail.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=tal.aloni.il@gmail.com)  
 </br>[Tamar Christina  
 (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=48126768+TamarChristinaArm@users.noreply  
 .github.com)  
 </br>[Tammy Qiu (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=tammy.qiu@yahoo.com)  
 </br>[Tanner  
 Gooding (50)](https://github.com/dotnet/runtime/commits/release/5.0?author=tagoo@outlook.com)  
 </br>[Tanveer Gani (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=45886079+tgani-  
 msft@users.noreply.github.com)  
 </br>[Tarek Mahmoud  
 (33)](https://github.com/dotnet/runtime/commits/release/5.0?author=tarekms@microsoft.com)  
 </br>[Tautvydas ilys  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tautvydas.zilys@gmail.com)  
 </br>[Taylor Southwick (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tasou@microsoft.com)  
 </br>[Thays Grazia (20)](https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@gmail.com)  
 </br>[thaystg thaystg@users.noreply.github.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@users.noreply.github.com)  
 </br>[Theodore Tsirpanis (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=12659251+teo-  
 tsirpanis@users.noreply.github.com)  
 </br>[Thomas  
 Gassmann (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=thomas.gassmann@hotmail.com)  
 </br>[Thomas Levesque  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com

.com)

</br>[Thorsten Reichert  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ThorstenReichert@users.noreply.github.com>)  
 </br>[Tim Heuer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tim@timheuer.com>)  
 </br>[Tlakaheel Axayakatl  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tlakaheel.ceja@microsoft.com>)  
 </br>[Tom Deseyn (22)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tom.deseyn@gmail.com>)  
 </br>[Tom McDonald  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tommcdon@microsoft.com>)  
 </br>[Tomas trylek@microsoft.com  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com>)  
 </br>[Tomas  
 Weinfurt (90)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com>)  
 </br>[Tomasz Kajetan  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tkstanczak@users.noreply.github.com>)  
 </br>[Tom Rylek (124)](<https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com>)  
 </br>[ts2do tsdodo@gmail.com  
 (14)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tsdodo@gmail.com>)  
 </br>[tub5 benrothermel@hotmail.co.uk  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=benrothermel@hotmail.co.uk>)  
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 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@users.noreply.github.com>)  
 </br>[Viktor Hofer  
 (156)](<https://github.com/dotnet/runtime/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
 </br>[Vitek Karas (17)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com>)  
 </br>[vitek-karas  
 vitek.karas@microsoft.com  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com>)  
 </br>[Vivek Mishra (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vivmishra@gmail.com>)  
 </br>[vivekbm 7387586+vivekbm@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=7387586+vivekbm@users.noreply.github.com>)  
 </br>[vivmishra vivmish@microsoft.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vivmish@microsoft.com>)  
 </br>[Vlad Brezae (41)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brezaevlad@gmail.com>)  
 </br>[Vladimir Chirikov  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vchirikov@servicetitan.com>)  
 </br>[Vladimir Sadov (40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com>)  
 </br>[Vladislav Richter  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=shutdown256@gmail.com>)  
 </br>[vsadov  
 vsadov@microsoft.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com>)  
 </br>[Va Tauer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vita@nothrow.cz>)  
 </br>[Werner Mairl (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=werner.mairl@gmail.com>)  
 </br>[wfurt tweinfurt@yahoo.com  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com>)

</br>[Will Dean (1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/runtime/commits/release/5.0?author=github_will@indcomp.co.uk))  
 </br>[William Godbe (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wigodbe@microsoft.com>)  
 </br>[William Li (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wul@microsoft.com>)  
 </br>[WonYoung Choi  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wy80.choi@samsung.com>)  
 </br>[wooooooooood 40855076+wooooooooood@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=40855076+wooooooooood@users.noreply.github.com>)  
 </br>[Wraith2  
 wraith2@gmail.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wraith2@gmail.com>)  
 </br>[xtqqczze 45661989+xtqqczze@users.noreply.github.com  
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45661989+xtqqczze@users.noreply.github.com>)  
 </br>[Yaakov yaakov-h@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yaakov-h@users.noreply.github.com>)  
 </br>[Yair Halberstadt  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yairhalberstadt@gmail.com>)  
 </br>[Yaroslav Yamshchikov  
 (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=y.yamshchiko@samsung.com>)  
 </br>[Yoh Deadfall  
 (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com>)  
 </br>[YohDeadfall yoh.deadfall@hotmail.com  
 (13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com>)  
 </br>[Youssef  
 Victor  
 (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com>)  
 </br>[yowl scott.waye@hubse.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=scott.waye@hubse.com>)  
 </br>[Yuchong Pan  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yuchong.pan@alumni.ubc.ca>)  
 </br>[Yuki Wong (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-kaywon@microsoft.com>)  
 </br>[Zoltan Varga (108)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@gmail.com>)  
 </br>[Zoltn Lehczy  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zoltan.lehoczy@lombiq.com>)  
 </br>  
 ## sdk  
  
 </br>[Aaron Robinson (6)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=aarobins@microsoft.com>)  
 </br>[Adam Sitnik (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adam.sitnik@gmail.com>)  
 </br>[Adeel adeelbm@outlook.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com>)  
 </br>[Adeel  
 Mujahid (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com>)  
 </br>[Alex Villarreal (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex@alexvy86.com>)  
 </br>[Alexander Kplinger  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com>)  
 </br>[Alfred Myers (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@alfredmyers.com>)  
 </br>[Andy De



(1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=2672110+Thraka@users.noreply.github.com>)  
 </br>[Andy Gocke (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=andy@commentout.net>)  
 </br>[Andy Zivkovic  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkan@users.noreply.github.com>)  
 </br>[Andy Zivkovic  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkovic.andy@gmail.com>)  
 </br>[Anirudh Agnihotry  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anagniho@microsoft.com>)  
 </br>[Anirudh  
 Agnihotry (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com>)  
 </br>[Anton Lapounov (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=antonl@microsoft.com>)  
 </br>[anvillan anvillan@users.noreply.github.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anvillan@users.noreply.github.com>)  
 </br>[Ben Villalobos  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=villalobosb93@gmail.com>)  
 </br>[Ben Villalobos (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bevillal@microsoft.com>)  
 </br>[Brad Wilson (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnetguy@gmail.com>)  
 </br>[Brian Robbins (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=brianrob@microsoft.com>)  
 </br>[Bruno Logerfo (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bclogerfo@hotmail.com>)  
 </br>[Cristiano  
 Suzuki (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=crsuzuki@microsoft.com>)  
 </br>[Dan Moseley (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=danmose@microsoft.com>)  
 </br>[Daniel Plaisted  
 (159)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=daplaist@microsoft.com>)  
 </br>[Daniel Plaisted (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dsplaisted@gmail.com>)  
 </br>[David Kean (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=davkean@microsoft.com>)  
 </br>[David Maas  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=contact@pathogenstudios.com>)  
 </br>[Deep Choudhery (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=decho@microsoft.com>)  
 </br>[Donnie Goodson  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=donnie.goodson@microsoft.com>)  
 </br>[Drew Noakes (69)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@drewnoakes.com>)  
 </br>[Eli  
 Arbel (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=aelij@arbel.net>)  
 </br>[Elinor Fung (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47805090+elinor-fung@users.noreply.github.com>)  
 </br>[Enrico Sada (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=enrico@sada.io>)  
 </br>[Epsitha Ananth  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)  
 </br>[Eric Erhardt (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)  
 </br>[Fadi Hanna (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=fadim@microsoft.com>)  
 </br>[Forgind Forgind@users.noreply.github.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com>)  
 </br>[Gennadii Altukhov (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=grinrag@gmail.com>)  
 </br>[Huo Yaoyuan (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=huoyaoyuan@hotmail.com>)  
 </br>[Immo  
 Landwerth (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=immol@microsoft.com>)  
 </br>[Jacques Eloff

(16)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com)  
 </br>[Jakub Jare (9)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com)  
 </br>[Jason Zhai  
 (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=AzureTest@vwuzhai002.redmond.corp.microsoft.com)  
 </br>[jbeisner johnbeisner@microsoft.com  
 (3)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@microsoft.com)  
 </br>[Jeremy Koritzinsky  
 (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jekoritz@microsoft.com)  
 </br>[Joel Verhagen (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jver@microsoft.com)  
 </br>[John Beisner  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com)  
 </br>[John Luo (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johluo@microsoft.com)  
 </br>[Jonathon  
 Marolf (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@users.noreply.github.com)  
 </br>[Jonathon Marolf  
 (52)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@microsoft.com)  
 </br>[Levi Broderick  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=GrabYourPitchforks@users.noreply.github.com)  
 </br>[Livar Cunha (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=licavalc@microsoft.com)  
 </br>[Livar Cunha (5)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=livar@live.com)  
 </br>[Lukas Grtzmacher (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=github@lg2.de)  
 </br>[Lukas Lansky (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lulansky@microsoft.com)  
 </br>[Luke Westendorf  
 (12)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lukewest@microsoft.com)  
 </br>[Manish Vasani  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mavasani@microsoft.com)  
 </br>[Marc  
 Paine (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com)  
 </br>[marcpopMSFT marcpop@microsoft.com  
 (3)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com)  
 </br>[Martin Ruiz  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=43253759+martinrrm@users.noreply.github.com)  
 </br>[Matt Mitchell (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnet-bot@dotnetfoundation.org)  
 </br>[Matt Mitchell (66)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com)  
 </br>[Mikayla Hutchinson  
 (10)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=m.j.hutchinson@gmail.com)  
 </br>[mmitche mmitche@microsoft.com  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com)  
 </br>[MSLukeWest 42553283+MSLukeWest@users.noreply.github.com  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=42553283+MSLukeWest@users.noreply.github.com)  
 </br>[Nathan  
 Mytelka (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com)  
 </br>[Nick Guerrera (23)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nicholg@microsoft.com)  
 </br>[Nikolche Kolev

(1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolce1kolev@gmail.com)  
 </br>[Nikolche Kolev (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolev@microsoft.com)  
 </br>[Nirmal Guru (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Nirmal4G@gmail.com)  
 </br>[nohwnd me@jakubjares.com]  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com)  
 </br>[Pranav K (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=prkrishn@hotmail.com)  
 </br>[Rainer Sigwald (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=raines@microsoft.com)  
 </br>[reduckted reduckted@outlook.com]  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=reduckted@outlook.com)  
 </br>[Sarah Oslund  
 (138)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com)  
 </br>[sfoslund sfoslund@microsoft.com]  
 (27)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com)  
 </br>[Sujit Nayak (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sujitn@microsoft.com)  
 </br>[Sven Boemer (13)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sbomer@gmail.com)  
 </br>[Swaroop Sridhar  
 (10)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Swaroop.Sridhar@microsoft.com)  
 </br>[Swaroop Sridhar  
 (5)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=swaroop.sridhar@microsoft.com)  
 </br>[Tom Meschter  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tom.meschter@microsoft.com)  
 </br>[Tom Meschter (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tomescht@microsoft.com)  
 </br>[Tom  
 Matouek (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tmat@users.noreply.github.com)  
 </br>[v-chmart v-chmart@microsoft.com (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-chmart@microsoft.com)  
 </br>[Vatsan Madhavan  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vatsan.madhavan@microsoft.com)  
 </br>[Vijay Ramakrishnan  
 (36)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vramak@microsoft.com)  
 </br>[Vijay Ramakrishnan  
 (8)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vijayrkn@users.noreply.github.com)  
 </br>[Viktor Hofer  
 (7)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com)  
 </br>[vitek-karas vitek.karas@microsoft.com]  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vitek.karas@microsoft.com)  
 </br>[William Godbe  
 (12)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wigodbe@microsoft.com)  
 </br>[William Li (133)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wul@microsoft.com)  
 </br>[Youssef  
 Victor (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=youssefvictor00@gmail.com)  
 </br>[Youssef Victor  
 (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=31348972+Youssef1313@users.noreply.github.com)  
 </br>[Zbynk Sailer (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)  
 </br>[Zbynk Sailer (3)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)  
 </br>  
 ## templating

</br>[Anirudh Agnihotry  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)  
</br>[AR-May 67507805+AR-May@users.noreply.github.com  
(5)](<https://github.com/dotnet/wpf/commits/release/5.0?author=67507805+AR-May@users.noreply.github.com>)  
</br>[Bekir Ozturk (16)](<https://github.com/dotnet/wpf/commits/release/5.0?author=bozturk@microsoft.com>)  
</br>[Brian Robbins (5)](<https://github.com/dotnet/wpf/commits/release/5.0?author=brianrob@microsoft.com>)  
</br>[Dan  
Kroymann (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=dan@recroom.com>)  
</br>[Eilon Lipton  
(6)](<https://github.com/dotnet/wpf/commits/release/5.0?author=Eilon@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Gennadii Altukhov (3)](<https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com>)  
</br>[Gennadii Altukhov (7)](<https://github.com/dotnet/wpf/commits/release/5.0?author=gealtukh@microsoft.com>)  
</br>[grinrag grinrag@gmail.com  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com>)  
</br>[Immo Landwerth (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=immol@microsoft.com>)  
</br>[Ladi Prosek (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=laprosek@microsoft.com>)  
</br>[Matt Mitchell (7)](<https://github.com/dotnet/wpf/commits/release/5.0?author=mmitche@microsoft.com>)  
</br>[Michael  
Babienko (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=mbabienko@southern.edu>)  
</br>[oli oliver.coad@gmail.com  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=oliver.coad@gmail.com>)  
</br>[Phil Henning (9)](<https://github.com/dotnet/wpf/commits/release/5.0?author=phenning@microsoft.com>)  
</br>[The Gitter (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=badger@gitter.im>)  
</br>[Vijay Ramakrishnan (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vramak@microsoft.com>)  
</br>[Viktor Hofer (4)](<https://github.com/dotnet/wpf/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
</br>[Vlada Shubina  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vladislava.shubina@gmail.com>)  
</br>[Vlada Shubina (6)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vshubina@microsoft.com>)  
</br>[William Li (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com>)  
</br>  
##  
wcf

</br>[BrentSchmaltz brentschmaltz@hotmail.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=brentschmaltz@hotmail.com>)  
</br>[Carol Wang (9)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com>)  
</br>[Daniel Setser (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=dasetser@microsoft.com>)  
</br>[gojimmypi gojimmypi@gmail.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@gmail.com>)  
</br>[gojimmypi gojimmypi@users.noreply.github.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@users.noreply.github.com>)  
</br>[Hong Li (17)](<https://github.com/dotnet/wcf/commits/release/3.2?author=hongli@microsoft.com>)  
</br>[Immo Landwerth (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=immol@microsoft.com>)  
</br>[Levi Broderick

(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=GrabYourPitchforks@users.noreply.github.com>)  
</br>[Maher Jendoubi (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=maher.jendoubi@gmail.com>)  
</br>[Matt  
Connew (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=matt.connew@microsoft.com>)  
</br>[Matt Connew (29)](<https://github.com/dotnet/wcf/commits/release/3.2?author=mconnew@microsoft.com>)  
</br>[Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/3.2?author=mmitch@microsoft.com>)  
</br>[Michal Ciechan (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=Indcobra@hotmail.com>)  
</br>[Mike Rousos (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=MikeRou@Microsoft.com>)  
</br>[Mike Rousos (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=mikerou@microsoft.com>)  
</br>[mriehm 3916550+mriehm@users.noreply.github.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=3916550+mriehm@users.noreply.github.com>)  
</br>[Stephen Bonikowsky  
(17)](<https://github.com/dotnet/wcf/commits/release/3.2?author=stebon@microsoft.com>)  
</br>[Sunny Chen (2)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-fangfc@microsoft.com>)  
</br>[v-carwan  
v-carwan@microsoft.com (13)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com>)  
</br>[Zhaodong v-zhtian@microsoft.com (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-zhtian@microsoft.com>)  
</br>  
## windowsdesktop

</br>[Adam Yoblick  
(6)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=Adam.Yoblick@microsoft.com>)  
</br>[Christopher Costa  
(7)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=chcosta@microsoft.com>)  
</br>[Dan Moseley  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=danmose@microsoft.com>)  
</br>[Davis Goodin  
(5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=dagood@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Eric Erhardt  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
</br>[Hernan  
Martinez  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=hernan.c.martinez@gmail.com>)  
</br>[Igor Velikorossov  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=RussKie@users.noreply.github.com>)  
</br>[Igor Velikorossov  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=igor.velikorossov@microsoft.com>)  
</br>[Immo Landwerth  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=immol@microsoft.com>)  
</br>[JC Aguilera  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=juanam@microsoft.com>)  
</br>[Jeremy Koritzinsky

(3)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=jekoritz@microsoft.com>)  
 </br>[Matt Mitchell  
 (23)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=mmitche@microsoft.com>)  
 </br>[Nikola Milosavljevic  
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com>)  
 </br>[Nikola  
 Milosavljevic  
 (5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com>)  
 </br>[Rob LaDuca  
 (2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com>)  
 </br>[Robert LaDuca  
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=rladuca@gmail.com>)  
 </br>[Robert LaDuca  
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com>)  
 </br>[Ryland 41491307+ryalanms@users.noreply.github.com  
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com>)  
 </br>[Ryland Alaniz  
 (3)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=ryalan@microsoft.com>)  
 </br>[Vatsan Madhavan  
 (11)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=vatsan.madhavan@microsoft.com>)  
 </br>[Viktor Hofer  
 (1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
 </br>  
 ##  
 winforms  
  
 </br>[Adam Yoblick  
 (8)](<https://github.com/dotnet/winforms/commits/release/5.0?author=Adam.Yoblick@microsoft.com>)  
 </br>[Aigamo 51428094+ycanardeau@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=51428094+ycanardeau@users.noreply.github.com>)  
 </br>[Aleksandr Beliaev  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=Alex.beliaev@gmail.com>)  
 </br>[Andrew Arnott  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=Andrew.arnott@Microsoft.com>)  
 </br>[Andrew Arnott  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=andrewarnott@gmail.com>)  
 </br>[Andrii Kurdiumov  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=kant2002@gmail.com>)  
 </br>[areller areller.gm@gmail.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=areller.gm@gmail.com>)  
 </br>[Arkady Shapkin  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=arkady.shapkin@gmail.com>)  
 </br>[Bruno  
 Logerfo (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=bclogerfo@hotmail.com>)  
 </br>[Charles Stoner (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=chucks@microsoft.com>)

</br>[Cristiano Suzuki  
(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=cristianosuzuki77@gmail.com>)  
</br>[Cristiano Suzuki  
(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=crsuzuki@microsoft.com>)  
</br>[Dan Moseley (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=danmose@microsoft.com>)  
</br>[Davis Goodin  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=dagood@users.noreply.github.com>)  
</br>[Devendar Reddy  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=dreddy@microsoft.com>)  
</br>[Eaton eaton@eaton-works.com  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=eaton@eaton-works.com>)  
</br>[Filip Navara (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=filip.navara@gmail.com>)  
</br>[gpetrou  
4172445+gpetrou@users.noreply.github.com  
(117)](<https://github.com/dotnet/winforms/commits/release/5.0?author=4172445+gpetrou@users.noreply.github.com>)  
</br>[gpetrou gipetrou@gmail.com  
(22)](<https://github.com/dotnet/winforms/commits/release/5.0?author=gipetrou@gmail.com>)  
</br>[Hugh Bellamy  
(354)](<https://github.com/dotnet/winforms/commits/release/5.0?author=hughbellars@gmail.com>)  
</br>[Igor Velikorossov  
(70)](<https://github.com/dotnet/winforms/commits/release/5.0?author=RussKie@users.noreply.github.com>)  
</br>[Igor Velikorossov  
(83)](<https://github.com/dotnet/winforms/commits/release/5.0?author=igor.velikorossov@microsoft.com>)  
</br>[janbaltus v-jabalt@microsoft.com (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-jabalt@microsoft.com>)  
</br>[Jaroslav Lobaevski  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=novaisas@gmail.com>)  
</br>[Jeremy Kuhne  
(55)](<https://github.com/dotnet/winforms/commits/release/5.0?author=jkuhne@microsoft.com>)  
</br>[jeremy-visionaid  
47993233+jeremy-visionaid@users.noreply.github.com  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=47993233+jeremy-visionaid@users.noreply.github.com>)  
</br>[Joseph Musser (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=me@jnm2.com>)  
</br>[Juan Hoyos  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=juan.hoyos@microsoft.com>)  
</br>[Judit Varsanyi (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=jvrozsa@gmail.com>)  
</br>[Klaus Lffelfmann  
(7)](<https://github.com/dotnet/winforms/commits/release/5.0?author=9663150+KlausLoeffelmann@users.noreply.github.com>)  
</br>[KlausLoeffelmann klaus.loeffelmann@microsoft.com  
(14)](<https://github.com/dotnet/winforms/commits/release/5.0?author=klaus.loeffelmann@microsoft.com>)  
</br>[Konstantin Preier  
(9)](<https://github.com/dotnet/winforms/commits/release/5.0?author=kpreisser@users.noreply.github.com>)  
</br>[Loni  
Tra (7)](<https://github.com/dotnet/winforms/commits/release/5.0?author=loni.tra@gmail.com>)  
</br>[Maher Jendoubi

(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=maher.jendoubi@gmail.com>)  
 </br>[Markus Szumovski  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=echalone@hotmail.com>)  
 </br>[Martin Chromecek (4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-chmart@microsoft.com>)  
 </br>[Matt Mitchell  
 (17)](<https://github.com/dotnet/winforms/commits/release/5.0?author=mmitche@microsoft.com>)  
 </br>[Mikhail Lipin (26)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-milipi@microsoft.com>)  
 </br>[Olia Gavrysh  
 (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=31997351+OliaG@users.noreply.github.com>)  
 </br>[Paul M  
 (4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=paul1956@users.noreply.github.com>)  
 </br>[Ryuugamine alex.belaiyev@gmail.com  
 (4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=alex.belaiyev@gmail.com>)  
 </br>[Sam  
 Harwell (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sam@tunnelvisionlabs.com>)  
 </br>[Sam Harwell  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sam.harwell@microsoft.com>)  
 </br>[Sergey Smirnov  
 (11)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com>)  
 </br>[SergeySmirnov-Akvelon sergey.smirnov@akvelon.com  
 (5)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com>)  
 </br>[Shyam Gupta (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=shgu@microsoft.com>)  
 </br>[Tanya Solyanik  
 (14)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tanyaso@microsoft.com>)  
 </br>[Tim Heuer (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tim@timheuer.com>)  
 </br>[Tobias Ks (20)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tobias.kaes@gmail.com>)  
 </br>[v-jiaol 49627022+Amy-Li02@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=49627022+Amy-Li02@users.noreply.github.com>)  
 </br>[v-olzhan 26474449+Olina-Zhang@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=26474449+Olina-Zhang@users.noreply.github.com>)  
 </br>[v-zhgl 38325459+Zheng-Li01@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=38325459+Zheng-Li01@users.noreply.github.com>)  
 </br>[Vatsan Madhavan  
 (6)](<https://github.com/dotnet/winforms/commits/release/5.0?author=vatsan.madhavan@microsoft.com>)  
 </br>[Viktor Hofer  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
 </br>[Vladimir Krestov (13)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-vlkres@microsoft.com>)  
 </br>[vladimir-krestov 49272759+vladimir-krestov@users.noreply.github.com  
 (17)](<https://github.com/dotnet/winforms/commits/release/5.0?author=49272759+vladimir-krestov@users.noreply.github.com>)  
 </br>[vperus



vperus@gmail.com (1))(https://github.com/dotnet/winforms/commits/release/5.0?author=vperus@gmail.com)  
</br>[William Godbe  
(2))(https://github.com/dotnet/winforms/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[William Kent (1))(https://github.com/dotnet/winforms/commits/release/5.0?author=wjk011@gmail.com)  
</br>[William Li (1))(https://github.com/dotnet/winforms/commits/release/5.0?author=wul@microsoft.com)  
</br>[Xinyan Chen (1))(https://github.com/dotnet/winforms/commits/release/5.0?author=xinychen@microsoft.com)  
</br>[Zachary Danz (3))(https://github.com/dotnet/winforms/commits/release/5.0?author=zsd4yr@virginia.edu)  
</br>[Zbynk Sailer (2))(https://github.com/dotnet/winforms/commits/release/5.0?author=v-zbsail@microsoft.com)  
</br>  
## wpf

</br>[Adam Yoblick  
(5))(https://github.com/dotnet/wpf/commits/release/5.0?author=Adam.Yoblick@microsoft.com)  
</br>[Andy Gocke (2))(https://github.com/dotnet/wpf/commits/release/5.0?author=andy@commentout.net)  
</br>[Arpit  
Dev (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com)  
</br>[Arpit Mathur (2))(https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com)  
</br>[Barry Dorrans (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=github.com@idunno.org)  
</br>[Dan Moseley (2))(https://github.com/dotnet/wpf/commits/release/5.0?author=danmose@microsoft.com)  
</br>[David Denis (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=david.denis@systemathics.com)  
</br>[David Wrighton (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=davidwr@microsoft.com)  
</br>[Drew Noakes (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=git@drewnoakes.com)  
</br>[Filip Navara (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=filip.navara@gmail.com)  
</br>[grinrag grinrag@gmail.com  
(1))(https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com)  
</br>[Jeremy Koritzinsky (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=jekoritz@microsoft.com)  
</br>[Lelary  
lelary@outlook.com (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=lelary@outlook.com)  
</br>[lindexi lindexi@users.noreply.github.com  
(2))(https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi@users.noreply.github.com)  
</br>[lindexi lindexi\_gd@163.com  
(2))(https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi\_gd@163.com)  
</br>[Maher Jendoubi (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=maher.jendoubi@gmail.com)  
</br>[Martin Chromecek (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=v-chmart@microsoft.com)  
</br>[Mateo Torres (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=matorre@microsoft.com)  
</br>[Matt Mitchell (17))(https://github.com/dotnet/wpf/commits/release/5.0?author=mmitche@microsoft.com)  
</br>[Matthias Cavigelli (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=cavigelli@gmail.com)  
</br>[Morten Nielsen  
(1))(https://github.com/dotnet/wpf/commits/release/5.0?author=1378165+dotMorten@users.noreply.github.com)  
</br>[Nirmal  
Guru (3))(https://github.com/dotnet/wpf/commits/release/5.0?author=Nirmal4G@gmail.com)  
</br>[Peter Spada (3))(https://github.com/dotnet/wpf/commits/release/5.0?author=peterspa@microsoft.com)  
</br>[predavid 67659949+predavid@users.noreply.github.com  
(2))(https://github.com/dotnet/wpf/commits/release/5.0?author=67659949+predavid@users.noreply.github.com)  
</br>[Rob LaDuca (17))(https://github.com/dotnet/wpf/commits/release/5.0?author=roladuca@microsoft.com)  
</br>[Robert LaDuca (9))(https://github.com/dotnet/wpf/commits/release/5.0?author=rladuca@gmail.com)  
</br>[Rubn Usamentiaga (1))(https://github.com/dotnet/wpf/commits/release/5.0?author=rusamentiaga@uniovi.es)

```

</br>[Ryland 41491307+ryalanms@users.noreply.github.com
(7)](https://github.com/dotnet/wpf/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com)
</br>[Ryland Alaniz (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=ryalan@microsoft.com)
</br>[Sam
Bent (18)](https://github.com/dotnet/wpf/commits/release/5.0?author=sambent@microsoft.com)
</br>[Sarah Oslund (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=sfoslund@microsoft.com)
</br>[Steve Kirbach (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=steven.kirbach@gmail.com)
</br>[Vatsan Madhavan
(53)](https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@microsoft.com)
</br>[Vatsan Madhavan
(6)](https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@gmail.com)
</br>[William Godbe (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=wigodbe@microsoft.com)
</br>[William Li (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com)
</br>[Youssef Victor
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com
)
Contributions to .NET Core 1.1

```

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

```

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

```

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

## ## CLI

```

- [Eric Erhardt (54)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Livar Cunha (45)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Bryan Thornbury (27)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com)
- [Zlatko
Knezevic (11)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com)
- [Eric St. John (10)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com)
- [eerhardt (10)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Senthil (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Eric Mellino (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com)
- [Sridhar Periyasamy (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com)
- [Matt Ellis (7)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com)
- [schellap (6)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)

```

- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)
- [Todd Moscinski (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- 
- [Livar (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
- [Andrew Stanton-Nurse (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
- [Pavel Krymets (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com>)
- [Ajay Bhargav Baaskaran (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [Jonathan Miller (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Krzysztof Wicher (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
- [Livar Cunha (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
- 
- [Piotr Puskiewicz (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)
- [Troy Dai (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com>)
- [cartermp (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [Pranav K (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Rohit Agrawal (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Bill Wert (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [cartermp (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phillip.carter@outlook.com>)
- [Bryan (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
- [MichaelSimons (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Petr Onderka (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gsvick@gmail.com>)
- 
- [PiotrP (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)

## ## CoreCLR

- [James Ko (53)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jamesqko@gmail.com>)

- [Jan Kotas (45)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jkotas@microsoft.com>)
- [Pat Gavlin (43)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=pagavlin@microsoft.com>)
- [Bruce Forstall (38)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=brucefo@microsoft.com>)
- [Kyungwoo Lee (33)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=kyulee@microsoft.com>)
- [wtgodbe (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=wigodbe@microsoft.com>)
- [Rahul Kumar (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=rahku@microsoft.com>)
- [Aditya Mandaleeka (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adityam@microsoft.com>)
- 
- [Brian Sullivan (26)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=briansul@microsoft.com>)
- [Andy Ayers (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=andya@microsoft.com>)
- [Gaurav Khanna (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=gkhanna@microsoft.com>)
- [Stephen Toub (23)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=stoub@microsoft.com>)
- [Jan Vorlicek (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=janvorli@microsoft.com>)
- [Mike McLaughlin (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mikem@microsoft.com>)
- [Carol Eidt (21)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=carol.eidt@microsoft.com>)
- [Jonghyun Park (18)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=parjong@gmail.com>)
- [Mike Danes (17)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=onemihaid@hotmail.com>)
- 
- [Smile Wei (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=xiwe@microsoft.com>)
- [Ben Adams (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=thundercat@illyriad.co.uk>)
- [Michelle McDaniel (15)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adiaaida@gmail.com>)
- [Prajwal A N (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=an.prajwal@samsung.com>)
- [Fadi Hanna (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=fadim@microsoft.com>)
- [Peter Jas (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=necmon@yahoo.com>)
- [Rama Krishnan Raghupathy (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=ramarag@microsoft.com>)
- [Lakshmi Priya Sekar (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=lasekar@microsoft.com>)
- [Justin Van Patten (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jvp@justinvp.com>)
- 
- [Eric Mellino (12)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=erme@microsoft.com>)
- [Sean Gillespie (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=segilles@microsoft.com>)
- [Matt Mitchell (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mmitch@microsoft.com>)
- [Russ Keldorph (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=Russ.Keldorph@microsoft.com>)
- [Koundinya Veluri (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=kouvel@microsoft.com>)
- [John Chen (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jochen@microsoft.com>)
- [Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sjlee@mail.com>)
- [Evgeny Pavlov (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=e.pavlov@samsung.com>)
- [Maoni0 (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=maonis@microsoft.com>)
- [Matt Ellis (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=matell@microsoft.com>)
- [Evgeny Pavlov (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=lucenticus@gmail.com>)
- [Pat Gavlin (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=pgavlin@gmail.com>)
- [jashoo (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jashoo@microsoft.com>)
- [Alex Ghiondea (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=ghiondea.alexandru@microsoft.com>)

- [Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=swaroops@microsoft.com>)
- [Jose Perez Rodriguez (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joperezr@microsoft.com>)
- [Geunsik Lim (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=leemgs@users.noreply.github.com>)
- [Joseph Tremoulet (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jotrem@microsoft.com>)
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- [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
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- [Brian Robbins (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=brianrob@microsoft.com>)
- [Dmitri-Botcharnikov (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dmitry.b@samsung.com>)
- [Drew Scoggins (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=anscoggi@microsoft.com>)
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[Egor Chesakov (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-egche@microsoft.com>)

- [Eric St. John (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ericstj@microsoft.com>)

- [Eugene Rozenfeld (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erozen@microsoft.com>)

- [Bruce Bowyer-Smyth (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bbowyersmyth@live.com.au>)

- [Maoni Stephens (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com>)

- [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.com>)

- [Dan Moseley (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=danmose@microsoft.com>)

- [William Godbe (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=wigodbe@microsoft.com>)

- [Viacheslav Nikolaev (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.ru>)

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[Viacheslav Nikolaev (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.com>)

- [Hannah Zhang (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-hazhan@microsoft.com>)

- [Lubomir Litchev (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lubol@microsoft.com>)

- [Geunsik Lim (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=geunsik.lim@samsung.com>)

- [Hanjoung Lee (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=waterets@gmail.com>)

- [Manu (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=manu-silicon@users.noreply.github.com>)

- [MyungJoo Ham (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@samsung.com>)

- [Tanner Gooding (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tannergooding@users.noreply.github.com>)

- [Mariana Rios Flores (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mariari@microsoft.com>)

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[Sujin Kim (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sjsujin.kim@samsung.com>)

- [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=clockwork-muse@outlook.com>)

- [Sepideh Khoshnood (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekho@microsoft.com>)

- [Senthil (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=schellap@microsoft.com>)

- [Ian Hays (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ianha@microsoft.com>)

- [Deepak Shankargouda (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=deshank@microsoft.com>)

- [Jostein Kjnigsen (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjonigsen.net>)

- [vinnyrom (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vinnyrom@microsoft.com>)

- [Sasha Semennikov (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=alsemenn@microsoft.com>)

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[rhadley (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rhadley@microsoft.com>)

- [Hyeongseok Oh (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hseok82.oh@smasung.com>)

- [Rich Lander (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rlander@microsoft.com>)

- [ukasz Domeradzki (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=JustArchi@users.noreply.github.com>)

- [Adam Speight (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=AdamSpeight2008@users.noreply.github.com>)

- [Andrey Kvochko  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com>)
- [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=atsushik@microsoft.com>)
- [Austin Wise (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=AustinWise@gmail.com>)
- [Barry Dorrans  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com>)
- [Bryan Arant (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bryanar@microsoft.com>)
- [Bryan P. Arant (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bryanar@microsoft.com>)
- [Chris McKinsey (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chrismck@microsoft.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dapodd@microsoft.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dpodder@gmail.com>)
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- [Evgeniy Devyatkin (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mail@edevyatkin.com>)
- [Guo Xiao  
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- [Hyeongseok Oh (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hseok82.oh@samsung.com>)
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- [Jeremy Kuhne  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jeremy.kuhne@microsoft.com>)
- [Jim Ma (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mazong1123@gmail.com>)
- [Jiyoung Giuliana Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t2wish@gmail.com>)
- [Jiyoung Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jy910.yun@samsung.com>)
- [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jsokla@microsoft.com>)
- [JohnChen0 (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
- [Jonathan Miller (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jonmill@microsoft.com>)
- [Jose Manuel Heredia Hidalgo  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joheredi@microsoft.com>)
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjonigsen.net>)
- [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=juergen@hoetzel.info>)
- [KrzysztofCwalina  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kcwalina@microsoft.com>)
- [Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kurt+github@aadnoy.info>)
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(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lt72@users.noreply.github.com>)
- [Lubomir Litchev  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=LLITCHEV@users.noreply.github.com>)
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- [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mairaw@microsoft.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=martin@dotnetfoundation.org>)
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- [Mikhail I. Krivtsov  
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- [Mukul Sabharwal (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mjsabby@gmail.com>)
- [Oguz Bastemur  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=obastemur@users.noreply.github.com>)
- [Oleg Demchenko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=olegoid91@gmail.com>)
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- [Peter Kukol  
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- [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=prajwal.an92@gmail.com>)
- [Rajkumar Janakiraman  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=janakiraman.rajkumar@gmail.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=saehe.park@samsung.com>)
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- [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)
- [Sergiy Kuryata (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sergeyk@microsoft.com>)
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- [Swaroop Sridhar  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Swaroop.Sridhar@microsoft.com>)
- [Tarekm Mahmoud Sayed  
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- [kingces95  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kingces95@users.noreply.github.com>)
- [kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com>)
- [mkborg (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)
- [noahfalk  
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- [sepidehMS (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekho@microsoft.com>)



- [tijoytom  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tijoytom@users.noreply.github.com>)
- [Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adam.sitnik@gmail.com>)

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- [Stephen Toub (179)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com>)
- [Eric St. John (88)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com>)
- [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shmao@microsoft.com>)
- [Hugh Bellamy (57)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hughbellars@gmail.com>)
- [Jeremy Barton (38)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jbarton@microsoft.com>)
- [Lakshmi Priya Sekar  
(33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lasekar@microsoft.com>)
- [Eric Mellino (33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Ian Hays (29)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ianha@microsoft.com>)
- [Tom Matouek  
(27)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tmat@users.noreply.github.com>)
- [James Ko (27)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jamesqko@gmail.com>)
- [Justin Van Patten (23)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jvp@justinvp.com>)
- [Matt Ellis (22)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=matell@microsoft.com>)
- [David Shulman  
(18)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=david.shulman@microsoft.com>)
- [Jon Hanna (17)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jon@hackcraft.net>)
- [Karthik Rajasekaran  
(15)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=karajas@microsoft.com>)
- [Bart De Smet (14)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bartde@microsoft.com>)
- [Wes Haggard  
(14)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)
- [Mariana Rios Flores  
(13)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mariari@microsoft.com>)
- [Eric Eilebrecht  
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- [Davis Goodin (12)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dagood@microsoft.com>)
- [Petr Onderka (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gsvick@gmail.com>)
- [Joel Hendrix (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
- [Julien Couvreur  
(11)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=julien.couvreur@gmail.com>)
- [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gkhanna@microsoft.com>)
- [Cristian Pop (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Cristian.Pop@microsoft.com>)
- [Deepak Shankargouda  
(9)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=deshank@microsoft.com>)
- [Nick Guerrero (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=nicholg@microsoft.com>)
- [Tomas Matousek  
(9)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tomas.matousek@microsoft.com>)

- [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=corivera@microsoft.com>)
- [Christopher Costa (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=chcosta@microsoft.com>)
- [Jose Perez Rodriguez (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joperezr@microsoft.com>)
- [Saurabh Singh (7)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saurabh500@gmail.com>)
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- [Eric Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@hotmail.com>)
- [Tijoy Tom Kalathiparambil (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tijoytk@microsoft.com>)
- [SGuy Ge (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sguylge@microsoft.com>)
- [Denis Istomin (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=istomin.den@gmail.com>)
- [Sung-Jae Lee (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjlee@mail.com>)
- [huanwu (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com>)
- [Jan Kotas (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jkotas@microsoft.com>)
- [vitek-karas (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vitek.karas@microsoft.com>)
- [Davis Goodin (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dagood@users.noreply.github.com>)
- [Matt Connew (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mconnew@microsoft.com>)
- [Matt Mitchell (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mmitch@microsoft.com>)
- [Khoa Dang (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Khoa.Dang@microsoft.com>)
- [Dmitri Botcharnikov (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dmitry.b@samsung.com>)
- [Matt Galbraith (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=MattGal@users.noreply.github.com>)
- [Stephen A. Imhoff (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=clockwork-muse@outlook.com>)
- [Andrew Au (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=andrewau@microsoft.com>)
- [Andrew Stanton-Nurse (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=andrew@andrewnurse.net>)
- [Jeremy Kuhne (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jeremy.kuhne@microsoft.com>)
- [Atsushi Kanamori (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=atsushik@microsoft.com>)
- [Tarek Mahmoud Sayed (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [sjsujin.kim (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com>)
- [Jonghyun Park (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=parjong@gmail.com>)
- [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tagoo@outlook.com>)
- [David Mason (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=davmason@microsoft.com>)
- [Thomas Stringer (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tr.stringer@outlook.com>)
- [Vance Morrison (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vancem@microsoft.com>)
- [Vance Morrison (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vancemorrison@comcast.net>)

- [Bret Ambrose (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bambrose@amazon.com>)
- 
- [bjjones (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=brandon1.jones@intel.com>)
- [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jy910.yun@samsung.com>)
- [loulun (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=loulun@hotmail.com>)
- [maririos (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mariari@microsoft.com>)
- [Alex Ghiondea (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com>)
- [Andy Gocke (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=angocke@microsoft.com>)
- [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com>)
- [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mikem@microsoft.com>)
- [Lakshmi Priya (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Priya91@users.noreply.github.com>)
- 
- [lukasz Domeradzki (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=JustArchi@users.noreply.github.com>)
- [Alexander Kozlenko (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alexander.kozlenko@live.com>)
- [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=anpete@microsoft.com>)
- [Anthony van der Hoorn (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=anthony.vanderhoorn@gmail.com>)
- [Austin Wise (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=AustinWise@gmail.com>)
- [Barry Dorrans (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com>)
- [Ben Adams (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=thundercat@illyriad.co.uk>)
- [Bruce Bowyer-Smyth (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bbowyersmyth@live.com.au>)
- [Bryan P. Arant (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bryanar@microsoft.com>)
- 
- [Chickenzilla (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Chickenzilla@users.noreply.github.com>)
- [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=christian@chwe.at>)
- [Cristian Pop (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=CIPop@users.noreply.github.com>)
- [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dsplaisted@gmail.com>)
- [David Sherret (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dscherret@gmail.com>)
- [David Zucker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=davzucky@hotmail.com>)
- [Dmitri-Botcharnikov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dmitry.b@samsung.com>)
- [Dmitry-Me (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=wipedout@yandex.ru>)
- [Dylan Borg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=borgdylan@hotmail.com>)
- 
- [Eric Eilebrecht (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@microsoft.com>)
- [Eric StJohn (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com>)
- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=e.pavlov@samsung.com>)
- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lucenticus@gmail.com>)
- [Gene Lee (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gelee@microsoft.com>)
- [Hyeongseok Oh (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hseok82.oh@samsung.com>)

- [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=immol@microsoft.com>)
- [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jasonpa@microsoft.com>)
- [Josh Free (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joshfree@users.noreply.github.com>)
- 
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jostein@kjonigsen.net>)
- [Julien (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jcouv@users.noreply.github.com>)
- [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=kouvel@microsoft.com>)
- [Maira Wenzel (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mairaw@users.noreply.github.com>)
- [Marek (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=GitHub@marekfiser.cz>)
- [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=fubar-coder@users.noreply.github.com>)
- [Oren Novotny (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=oren@novotny.org>)
- [Peter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [Peter Jas (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [R. Fontenot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=robwobbol@gmail.com>)
- 
- [Rainer Sigwald (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=raines@microsoft.com>)
- [Rama Krishnan Raghupathy (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ramarag@microsoft.com>)
- [Rich Lander (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=rlander@microsoft.com>)
- [Russ Keldorph (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saehie.park@samsung.com>)
- [Shahriar Gholami (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shrgholami@gmail.com>)
- [Stephen Bonikowsky (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stebon@microsoft.com>)
- [Steve Harter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=steveharter@users.noreply.github.com>)
- [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tagoo@microsoft.com>)
- 
- [Tarekm Mahmoud Sayed (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [VSadov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vsadov@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com>)
- [Yi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yzha@microsoft.com>)
- [Yongseop Kim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yons.kim@samsung.com>)
- [alkurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alkurian@microsoft.com>)
- [alphonsekurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alphonsekurian@icloud.com>)
- [dotnet bot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dotnet-bot@microsoft.com>)
- [huanwu@microsoft.com (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com>)
- 
- [jarenduan (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jarenduan@gmail.com>)
- [mkborg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)
- [mlacouture (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mlacouture@msn.com>)

- [sichbo (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=simon@sichbo.ca>)
- [sjsujinkim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com>)
- [steveharter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sharter@microsoft.com>)
- [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=michael@senexx.com>)
- [yfakariya (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yfakariya@gmail.com>)
- [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@microsoft.com>)

## ## WCF

- [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=stebon@microsoft.com>)
- [Ron Cain (48)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=roncain@microsoft.com>)
- [Jason Pang (42)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasonpa@microsoft.com>)
- [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>)
- [Zhenlan Wang (5)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=zhenlwa@microsoft.com>)
- [Jason Pang (4)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=iamjasonp@users.noreply.github.com>)
- [Eric Mellino (2)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Matt (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com>)
- [Joel Hendrix (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
- [Barry Dorrans (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com>)
- [Matt Ellis (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=matell@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)

## # 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.lorbeteske@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>)
- \* [Ashley Hauck (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com>)
- \*
- [Kevin Ransom (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com>)
- \* [Steve Sanderson (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com>)
- \* [Mikkel Nylander Bundgaard (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com>)
- \* [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)
- \* [Ankit Mishra (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)
- \* [Ashish Jain (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com>)
- \* [Matt Ellis (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)
- \* [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- \* [Nikolche Kolev (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolev@microsoft.com>)
- \* [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)
- \*
- [jonsequitur (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com>)
- \* [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)
- \* [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=saehe.park@samsung.com>)
- \* [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecuter.fsharp@hotmail.com>)
- \* [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jltc.co.uk>)
- \* [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=xingmu33@gmail.com>)
- \* [Faizan2304 (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faizan2304@hotmail.com>)
- \* [Zbynk Sailer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)
- \* [Arun Mahapatra (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com>)
- \*
- [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitche@microsoft.com>)
- \* [Omair Majid (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com>)

## ## CoreCLR

- \* [Brian Robbins (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)
- \* [wtgodbe (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
- \* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
- \* [Jan Kotas (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)

\* [Pat Gavlin (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)

\* [Mike McLaughlin (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [Pat Gavlin (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\*

[Sergey Andreenko (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)

\* [jashook (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\* [Jonghyun Park (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)

\* [Mukul Sabharwal (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

\* [Drew Scoggins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Tarek Mahmoud Sayed (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Wes Haggard (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [Joseph Tremoulet (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)

\*

[Jan Vorlicek (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)

\* [Koundinya Veluri (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)

\* [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

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

\* [Jeremy Kuhne (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Justin Van Patten (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [Stephen Toub (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)

\*

[Steve MacLean (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Sujin Kim (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

\* [Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Michelle McDaniel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [mskvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Krzysztof Wicher (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)

\* [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)

\*

[Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)

\* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Jose Perez Rodriguez (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

\* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

\* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Igor Kulaychuk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

\* [Xiangyang (Mark) Guo  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)  
 \* [chunseoklee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)  
 \* [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)  
 \*  
 [Morgan Brown  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)  
 \* [Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)  
 \* [Sebastian Lauber  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

## CoreFX

\* [Stephen Toub (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)  
 \* [Hugh Bellamy (36)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)  
 \* [Viktor Hofer (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)  
 \* [Eric St. John (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)  
 \* [Dan Moseley (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)  
 \* [Atsushi Kanamori  
 (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)  
 \*  
 [Wes Haggard (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)  
 \* [Jeremy Barton (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)  
 \* [Santiago Fernandez Madero  
 (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)  
 \* [Atsushi Kanamori  
 (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)  
 \* [Lakshmi Priya Sekar  
 (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)  
 \* [Shin Mao (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)  
 \* [Jeremy Kuhne  
 (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)  
 \* [Morgan Brown  
 (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)  
 \* [Cory Rivera (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)  
 \*  
 [Sepideh Khoshnood (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)  
 \* [Santiago Fernandez (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)  
 \* [Saurabh Singh  
 (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)  
 \* [Krzysztof Wicher (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)  
 \* [Eric Mellino (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)  
 \* [Eric StJohn (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)  
 \* [Vance Morrison  
 (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)  
 \* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)  
 \* [Tarek Mahmoud Sayed  
 (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)



\*  
 [Krzysztof Wicher (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)  
 \* [Ian Hays (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)  
 \* [Matt Ellis (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)  
 \* [Cristian Pop (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)  
 \* [Frdric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)  
 \* [Jiayi Li (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)  
 \* [Jose Perez Rodriguez  
 (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)  
 \* [Liudmila Molkova  
 (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)  
 \* [Matt Galbraith (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)  
 \*  
 [Matt Mitchell (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)  
 \* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)  
 \* [Alex Ghiondea  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)  
 \* [Huangli Wu (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)  
 \* [Wes Haggard  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)  
 \* [stephenmichaelf  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)  
 \* [Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)  
 \* [Lakshmi Priya Sekar  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)  
 \* [Karel Zikmund (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)  
 \*  
 [Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)  
 \* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com>)  
 \* [Dongbo Wang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dongbow@microsoft.com>)  
 \* [Steve Harter  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)  
 \* [Sven Boemer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sbomer@gmail.com>)  
 \* [Cristian Pop  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)  
 \* [Tom Matouek  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)  
 \* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=crummel@microsoft.com>)  
 \* [Carol Wang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)  
 \*  
 [Vladyslav (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com>)  
 \* [Brian Robbins (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com>)  
 \* [Anatoly Zhmur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=azhmur@gmail.com>)  
 \* [Justin Van Patten (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)  
 \* [Joseph Musser (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)  
 \* [Julien Couvreur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com>)  
 \* [Alex Ghiondea  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

- \* [Matt Connew (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [vsadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
- \* [Jason Lin (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com>)
- \*
- [Robert Anderson
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)
- \* [Jan Kotas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \* [Gene Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)
- \* [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

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

\* [Davis Goodin (3)](<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>)

\* [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)

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

\* [Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aaajohn@microsoft.com>)

\*

[Chris Rummel (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

\* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)

\* [Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)

\* [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=frsilb@microsoft.com>)

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

\* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)

\* [Rohit (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com>)

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

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

\* [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rrelyea@microsoft.com>)

\*

[Petr Onderka (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=gs Vick@gmail.com>)

\* [Phil Henning (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=phenning@microsoft.com>)

\* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)

\* [Richard Lander (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)

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

\* [Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)

\* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)

\* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)

\* [Ken Dale (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)

\* [Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\*

[Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)

\* [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

\* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Michael Simons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)

\* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)

\* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)

\* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)

\* [Rainer Sigwald (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)

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[Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)

\* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)

\* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)

\* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)

- \* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)
- \* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)
- \* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)
- \* [Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)
- \*
- [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>)
- \*
- [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=wigodbe@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>)
- \* [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sahie.park@gmail.com>)
- \*
- [Sergey Andreenko (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)
- \* [Jan Vorlicek (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)
- \* [Aditya Mandaleeka (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)
- \* [Michelle McDaniel (39)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaida@gmail.com>)
- \* [Hyeongseok Oh (38)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
- \* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (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>)
- \* [dotnet bot (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dotnet-bot@dotnetfoundation.org>)
- \* [Carol Eidt (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)
- \* [Sean Gillespie (30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

\* [Gaurav Khanna (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)

\* [Justin Van Patten (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)

\* [Tarek Mahmoud Sayed (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Mikhail Skvortcov (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com>)

\* [Atsushi Kanamori (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Ben Adams (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [Alex Perovich (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Dan Moseley (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)

\* [jashook (21)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Frederik Carlier (20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Steve MacLean (20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Hyung-Kyu Choi (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Brian Sullivan (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com>)

\* [Evgeny Pavlov (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com>)

\* [Jeremy Kuhne (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Drew Scoggins (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Mike McLaughlin (16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [Michal Strehovsk (16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

)

\* [John Chen (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

\* [Russ Keldorph (13)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

\*

[Rama Krishnan Raghupathy (13)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [ahsonkhan (12)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [Ahson Ahmed Khan (12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Dmitry-Me (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com>)

\* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

\* [Tanner Gooding (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Swaroop Sridhar

(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\* [Hanjoung Lee (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

\* [Hyung-Kyu Choi

(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\*

[Ian Hays (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com>)

\* [Igor Kulaychuk

(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

\* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)

\* [Pat Gavlin (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\* [Jim Ma (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)

\* [William Godbe (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Alexander Radchenko

(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

\* [Alex Ghiondea

(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

\* [ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)

\* [Eric

Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Matt Mitchell (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitche@microsoft.com>)

\* [Davis Goodin

(8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [Alexander Soldatov

(7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com>)

\* [Faizur Rahman (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Hyeongseok Oh

(7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Vance Morrison (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com>)

\* [Sujin Kim (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Jon Hanna (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net>)

\*

[Eric Erhardt (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [SaeHie Park (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@samsung.com>)

\* [Rich Lander (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Jos Rivero (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Yi Zhang (CLR)

(5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

\* [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Swaroop Sridhar

(5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com>)

\* [Karel Zikmund

(5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

\* [Matt Warren (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk>)

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[Peter Marcu (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Yongseop Kim (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com>)

\* [Daniel Podder (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)

\* [Adam Sitnik (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com>)

\* [Maoni Stephens (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

\* [Hugh Bellamy (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellars@gmail.com>)

\* [Mandar Sahasrabuddhe (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [Sven Boemer (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)

\* [Buyduck (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com>)

\*

[noahfalk (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com>)

\* [Aditya Mandaleeka (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com>)

\* [Brian Robbins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

\* [LaSombra (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com>)

\* [Omar Tawfik (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\* [chunseoklee (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

\* [Julien Couvreur (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Cyd Haselton (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com>)

\* [Sedar Gokbulut (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Sean Gillespie (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sasha Semennikov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

\* [Felipe Fujiy Pessoto (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

\* [Ilya (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com>)

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[Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)

\* [Peter Kukol (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

\* [Petr Onderka (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gs Vick@gmail.com>)

\* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)

\* [mskvortsov (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Dmitry (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)

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

\* [Santiago Fernandez Madero (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safarn@microsoft.com>)



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\*

[Phil Christensen (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com>)

\* [Dmitry-Me (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru>)

\* [Fei Peng (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com>)

\* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

\* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=muks@microsoft.com>)

\* [Roman Artemev (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com>)

\* [Smile Wei (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

\* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)

\* [Omair Majid (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com>)

\*

[Bruce Bowyer-Smyth (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\* [Eric St. John (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com>)

\* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)

\* [varocarbas (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=contact@customsolvers.com>)

\* [Paul Westcott (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=p.westcott@gmail.com>)

\* [Luis G (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lggomez@users.noreply.github.com>)

\* [Maoni0 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maonis@microsoft.com>)

\* [Andrey Akinshin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)

\* [Rama krishnan Raghupathy (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\*

[kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)

\* [Daniel Podder (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dpodder@gmail.com>)

\* [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Wes Haggard (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [ahsonkhan (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [adiaaaida (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)

\* [AlexGhiondea (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\*

[Alexandre Mutel (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com))

\* [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

\* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendonno@users.noreply.github.com>)

\* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)

\* [Christoph Neumller (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

\* [DDCloud (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

\* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)

\*

[Dmitri-Botcharnikov  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dmitry.b@samsung.com>)

\* [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)

\* [Eugene Rozenfeld (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com>)

\* [Fadi Hanna (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fadim@microsoft.com>)

\* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)

\* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

\* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)

\* [Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)

\* [Hanjoung Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)

\* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)

\*

[Ionut Tamas (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash\\_ionut@hotmail.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com))

\* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)

\* [John Bottenberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com>)

\* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)

\* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

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

\* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)

\* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)

\*

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

\* [Maarten Mensink  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

\* [Marek Linka  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

\* [Martijn Hoekstra  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

\* [Matt Galbraith  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com>)

\* [Matthew Parkinson  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

\* [Michael Letterle  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

\* [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)

\*

[Mikhael Skvortsov  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)

\* [Nicol Carandini  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)

\* [Ofer Zelig

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)

- \* [Olof Olsson
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
- \* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)
- \* [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)
- \* [Peter Smulovics
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)
- \* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)
- \*
- [Robert (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matekm@gmail.com>)
- \* [Robert Matuszewicz (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matekm@gmail.com>)
- \* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)
- \* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)
- \* [Russ Keldorph
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)
- \* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)
- \* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)
- \* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)
- \* [Sivarv (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)
- \*
- [Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)
- \* [Steve MacLean, Qualcomm Datacenter Technologies Inc
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
- \* [Thiago Camargos Lopes
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)
- \* [Tom Deseyn (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)
- \* [Toni Solarin-Sodara
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)
- \* [Varun Venkatesan
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)
- \* [Vijay Ramakrishnan
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)
- \* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- \* [Viktor
- Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)
- \* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)
- \* [Xiangyang (Mark) Guo
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- \* [Yuriy Solodkyy
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)
- \* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)
- \* [cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)
- \* [darxis (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com>)
- \* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)
- \* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)
- \* [giuliohome

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)  
 \* [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)  
 \* [ikopylov  
 (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)  
 \* [jorive (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)  
 \* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)  
 \* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)  
 \* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)  
 \* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)  
 \* [vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

## ## CoreFX

\* [Stephen Toub (535)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)  
 \*  
 [Jon Hanna (344)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)  
 \* [Eric St. John (285)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)  
 \* [Eric Mellino (167)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)  
 \* [Jose Perez Rodriguez  
 (116)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)  
 \* [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>)  
 \*  
 [Ian Hays (90)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)  
 \* [Santiago Fernandez Madero  
 (88)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)  
 \* [Jan Kotas (80)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)  
 \* [Anthony Langsworth  
 (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)  
 \* [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)  
 \* [Dan Moseley (73)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)  
 \* [sepidehMS (59)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)  
 \* [Liudmila Molkova  
 (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)  
 \* [Alex Perovich (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)  
 \* [Tarek Mahmoud  
 Sayed (56)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)  
 \* [Krzysztof Wicher (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)  
 \* [Karel Zikmund  
 (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)  
 \* [Jeremy Kuhne  
 (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)  
 \* [Jeremy Barton (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)

\* [Justin Van Patten (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [Shin Mao (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)

\* [danmosemsft (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)

\* [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)

\* [Stephen A. Imhoff (32)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

\*

[Viktor Hofer (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

\* [Matt Galbraith (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)

\* [Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)

\* [Alex Ghiondea (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

\* [Matt Mitchell (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)

\* [Bart J.F. De Smet (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)

\* [David Shulman (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)

\* [Davis Goodin (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)

\* [Atsushi Kanamori (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [Steve Harter (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)

\* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)

\* [Frederik Carlier (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Alexander Radchenko (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

\* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Ahson Ahmed Khan (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)

\*

[Wes Haggard (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

\* [dotnet-bot (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dotnet-bot@microsoft.com>)

\* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

\* [Tijoy Tom Kalathiparambil (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

\* [Gaurav Khanna (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

\* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)

\* [Koundinya Veluri (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Hyeonseok Oh (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\*

[qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

\* [Will Dean (15)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk))

\* [Krzysztof Wicher (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

\* [Saurabh Singh (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

\* [Rama Krishnan Raghupathy (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Dennis "D.C." Dietrich (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

\* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)

\* [Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)

\* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)

\*

[Huangli Wu (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\* [Atsushi Kanamori (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

\* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)

\* [Karel Zikmund (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

\* [Hyung-Kyu Choi (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)

\* [Tarekm Mahmoud Sayed (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Tom Matouek (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

\*

[Matt Galbraith (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Matt Ellis (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Cristian Pop (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

\* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Pavel Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)

\* [Sepideh Khoshnood (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Jiyoung Yun (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

\* [Santiago Fernandez (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)

\* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [chunseoklee (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

\* [Mandar Sahasrabudhe (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [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 (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gs Vick@gmail.com>)

\* [MichaelSimons (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>)

\*

[Gene Lee (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)

\* [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>)

\* [Vance Morrison (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [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>)

\* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)

\* [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>)

\*

[nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)

\* [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>)

\* [Davis Goodin (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Anton Lapounov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)

\* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)

\*

[the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)

\* [Adam Friedman (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)

\* [Jiayi Li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

\* [loulquun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=loulquun@hotmail.com>)

\* [Julien Couvreur (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)

\* [Carol Wang (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)

\* [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Hyeongseok Oh (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\*

[Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

\* [Darren Hoehna (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)

\* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)

\* [Nick Guerrero (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)

\* [Egor Bogatov (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [Robert Anderson (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

\* [Eric Erhardt (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [stone-li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)

\* [AlexGhiondea (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\*

[Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)

\* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)

\* [Bruce Bowyer-Smyth (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)

\* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)

\* [Cristian Pop (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

\* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)

\* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)

\* [Stephen Cleary (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

\*

[v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)

\* [Stanislav Ushakov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)

\* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)

\* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

\* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN>)

\* [Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)

\* [geoffkizer (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [FAREASTv-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

\* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)

\* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [Lakshmi Priya Sekar (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

\* [Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

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

\* [cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)

\* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)

\*

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

\* [Viacheslav Ivanov (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

\* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

\* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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



\* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)

\* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)

\* [ahsonkhan (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)

\* [ahsonkhan (2)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

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

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

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

\* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)

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

\* [Caesar Chen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)

\* [Michal Strehovsk (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

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

\* [Felipe Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

\* [Hyung-Kyu Choi (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

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

\* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)

\* [Alexander Kplinger (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

\* [Alexandre Mutel (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com))

\* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)

\* [Alexis Nowikowski (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com>)

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

\* [Andrey Kurdyumov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)

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

\* [Benjamin Bartels (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)

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

\* [Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)

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

\* [Caesar Chen (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)

\* [Caio Cesar Saldanha Maia Orejuela Kinelski (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesarbs@gmail.com>)

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

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

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

\* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

\* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

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

\* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)

\* [Fredrik Histher Rasch  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)

\* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)

\*

[Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)

\* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)

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

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

\* [Jiang Zeng (Pactera Technologies Inc) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)

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

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

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

\* [Jorge J. de la Fuente  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)

\*

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

\* [Josh Free  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com>)

\* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

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

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

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

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

\* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)

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

\*

[Martin Lapierre  
(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin\\_lapierre@devinstinct.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapierre@devinstinct.com))

\* [Martin Scholz  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)

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

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

\* [Matthew Parkinson  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

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

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

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

\* [Morgan Brown]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)  
 \*

[Nate Barbettini (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nathanaelb@gmail.com>)  
 \* [Odyth (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jstofle@gmail.com>)  
 \* [Olof Olsson]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com>)  
 \* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omair.majid@gmail.com>)  
 \* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)  
 \* [Paul Harrington]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com>)  
 \* [Paul Westcott (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com>)  
 \* [Peter Kukol]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)  
 \* [Peter Wurzinger (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wurzingerp@gmail.com>)  
 \*

[Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)  
 \* [Robert Matuszewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com>)  
 \* [Robert Sk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosek@tlen.pl>)  
 \* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saehie.park@samsung.com>)  
 \* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)  
 \* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)  
 \* [Sergio Parra Guerra]  
 (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio\\_parra\\_guerra@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com))  
 \* [Shimmy]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com>)  
 \* [Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)  
 \* [Steve  
 Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)  
 \* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)  
 \* [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sjlee@mail.com>)  
 \* [SunnyWar (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com>)  
 \* [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)  
 \* [Tanner Gooding]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)  
 \* [Tarun Pothulapati]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)  
 \* [Tautvydas Zilys (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.com>)  
 \* [Tomas Matousek]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas.matousek@microsoft.com>)  
 \* [Travis Querec]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@gmail.com>)  
 \* [Travis Querec (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@microsoft.com>)  
 \* [Tyler Brinkley]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)  
 \* [Vladimir Sadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)  
 \* [Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)

- \* [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov-h@users.noreply.github.com>)
- \* [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov@codingrange.com>)
- \* [Yi Zhang (CLR) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)
- \* [andrewlock (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net>)
- \* [costahome (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa\\_christopher@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com))
- \*
- [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>)
- \*
- [varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)
- \* [vitek-karas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com>)

## ## WCF

- \* [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- \* [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)
- \* [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \* [hongdai (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- \* [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- \* [KKhurin (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \*
- [Zhenlan Wang (4)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- \* [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \* [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- \* [Chris R (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- \* [Matt Connew (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [Carol Wang (Inspur Worldwide Services Ltd) (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- \* [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
- \*
- [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)
- \* [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

## # Contributions to .NET Core 2.1

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

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

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

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

### ## CLI

- \* [Livar Cunha (78)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com>)
- \* [jbeisner (57)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com>)
- \* [Peter Huene (57)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com>)
- \* [Nate McMaster (46)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com>)
- \* [Livar (44)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com>)
- \*
- \* [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 (6)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=codecutter@fsharp@hotmail.com>)
- \* [Eric Erhardt (5)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=eric.erhardt@microsoft.com>)

\*  
[kasper  
(5)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)  
\* [Nate McMaster  
(4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=natemcmaster@users.noreply.github.com>)  
\* [Wes Haggard (4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=Wes.Haggard@microsoft.com>)  
\* [kasper3  
(4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)  
\* [Mayank Bansal (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=maban@microsoft.com>)  
\* [Dan Moseley (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=danmose@microsoft.com>)  
\* [Jan Vorlicek (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=janvorli@microsoft.com>)  
\* [Javier Calvarro Nelson  
(3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jacalvar@microsoft.com>)  
\* [Jeff Kluge (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jeffkl@microsoft.com>)  
\*  
[Maira Wenzel (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mairaw@microsoft.com>)  
\* [Tanner Gooding (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=tagoo@outlook.com>)  
\* [Vijay Ramakrishnan (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)  
\* [Kevin Ransom  
(2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=codecutter.fsharp@hotmail.com>)  
\* [Davis Goodin (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=dagood@microsoft.com>)  
\* [vramak (2)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=vramak@microsoft.com>)  
\* [Rakesh Ranjan Singh  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=raksingh@microsoft.com>)  
\* [abhishk (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=abhishk@microsoft.com>)  
\* [Mihai Codoban (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=micodoba@microsoft.com>)  
\* [jagarg (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jagarg@microsoft.com>)  
\*  
[Jose Perez Rodriguez (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=joperezr@microsoft.com>)  
\* [jbeisner  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johnbeisner@users.noreply.github.com>)  
\* [Brice Lambson  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=bricelam@users.noreply.github.com>)  
\* [root  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)  
\* [test (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=test@net-dale.guest.corp.microsoft.com>)  
\* [v-mdriml (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-mdriml@microsoft.com>)  
\* [Steve MacLean  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sdmaclea.qdt@qualcommdatacenter.com>)  
\* [Steve Harter  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=steveharter@users.noreply.github.com>)  
\* [Sean Peters  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sepeters@microsoft.com>)  
\* [Rohit Agrawal (NUGET  
(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=ragrawal@microsoft.com>)  
\* [Yanchen Wu (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=yanchenw@microsoft.com>)

## CoreCLR

\* [Tanner Gooding (151)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tagoo@outlook.com>)  
 \* [Jan Kotas (124)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jkotas@microsoft.com>)  
 \* [Bruce Forstall (94)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=brucefo@microsoft.com>)  
 \* [Steve MacLean  
 (69)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)  
 \* [Fei Peng (66)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com>)  
 \* [Stephen Toub (56)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=stoub@microsoft.com>)  
 \* [Sergey Andreenko (52)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=seandree@microsoft.com>)  
 \*  
 [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>)  
 \*  
 [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>)  
 \* [Mike Danes (13)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=onemihaid@hotmail.com>)  
 \* [Justin Van Patten (12)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jvp@justinvp.com>)  
 \* [Tarek Mahmoud Sayed

(11)](https://github.com/dotnet/coreclr/commits/release/2.1?author=tarekms@microsoft.com)  
 \*  
 [Sean Gillespie (11)](https://github.com/dotnet/coreclr/commits/release/2.1?author=segilles@microsoft.com)  
 \* [Noah Falk  
 (10)](https://github.com/dotnet/coreclr/commits/release/2.1?author=noahfalk@users.noreply.github.com)  
 \* [JC Aguilera (9)](https://github.com/dotnet/coreclr/commits/release/2.1?author=juanam@microsoft.com)  
 \* [Maryam Ariyan  
 (9)](https://github.com/dotnet/coreclr/commits/release/2.1?author=maryam.ariyan@microsoft.com)  
 \* [Atsushi Kanamori  
 (8)](https://github.com/dotnet/coreclr/commits/release/2.1?author=AtsushiKan@users.noreply.github.com)  
 \* [Eugene Rozenfeld (8)](https://github.com/dotnet/coreclr/commits/release/2.1?author=erozen@microsoft.com)  
 \* [Russ Keldorph  
 (7)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Russ.Keldorph@microsoft.com)  
 \* [Luqun Lou (7)](https://github.com/dotnet/coreclr/commits/release/2.1?author=luqunl@users.noreply.github.com)  
 \* [Debayan Ghosh  
 (7)](https://github.com/dotnet/coreclr/commits/release/2.1?author=debayang.qdt@qualcommdatacenter.com)  
 \*  
 [Tom Deseyn (6)](https://github.com/dotnet/coreclr/commits/release/2.1?author=tom.deseyn@gmail.com)  
 \* [Adam Sitnik (6)](https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@gmail.com)  
 \* [Michal Strehovsk (5)](https://github.com/dotnet/coreclr/commits/release/2.1?author=michals@microsoft.com)  
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 \* [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)  
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 [sergey ignatov (4)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru)  
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 \* [Marco Rossignoli  
 (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=marco.rossignoli@gmail.com)  
 \* [Fei (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com)  
 \* [Jose Perez Rodriguez  
 (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=joperezr@microsoft.com)  
 \* [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)  
 \* [Vance Morrison (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=vancemorrison@comcast.net)  
 \* [Santiago Fernandez Madero  
 (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=saferr@microsoft.com)  
 \* [Petr Bred (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=bredpetr@gmail.com)  
 \*  
 [Davis Goodin  
 (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=dagood@users.noreply.github.com)  
 \* [Maoni Stephens  
 (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Maoni0@users.noreply.github.com)  
 \* [wtgodbe (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=wigodbe@microsoft.com)  
 \* [Alex (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=cod7alex@gmail.com)  
 \* [Alfred Myers



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- \* [Andon Andonov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anandono@microsoft.com>)
- \* [Atanu (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=RoyAtanu@users.noreply.github.com>)
- \* [Bruno Tagliapietra (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bruno.tagliapietra@gmail.com>)
- \* [Cesar Soares Lucas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=disoares@microsoft.com>)
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- [Igor Kulaychuk (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=igor.kulaychuk@gmail.com>)
- \* [Jarret Shook (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@microsoft.com>)
- \* [Levi Broderick (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com>)
- \* [Mandar Sahasrabudhe (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=WinCPP@users.noreply.github.com>)
- \* [Matt Galbraith (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mattgal@microsoft.com>)
- \* [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=matt.warren@live.co.uk>)
- \* [Phil Garcia (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=phil@thinkedge.com>)
- \* [Ricardo Arenas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=riarenas@microsoft.com>)
- \* [Russ Keldorph (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=russ.keldorph@microsoft.com>)
- \*
- [Sergey Ignatov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru>)
- \* [Sven Boemer (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sbomer@gmail.com>)
- \* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chcosta@microsoft.com>)
- \* [gbalykov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=g.balykov@samsung.com>)
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- \* [Jon Hanna (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jon@hackcraft.net>)
- \* [Jingyu Ma (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mazong1123@gmail.com>)
- \* [Jeremy Meng (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=yumeng@microsoft.com>)
- \* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ufcpp@live.jp>)
- \* [Omair Majid (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=omajid@redhat.com>)
- \* [Pent Ploompuu (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kaalikas@gmail.com>)
- \* [Petar Petrov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=petarpetrov@gmail.com>)
- \* [Jeff Schwartz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jeffschw@microsoft.com>)
- \* [Adam Stark (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=llamadonica@gmail.com>)
- \* [Rex Morgan (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=rex@reflex.net>)
- \* [Alexander Soldatov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=soldatov.a@samsung.com>)
- \* [Roman Artemev (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=rartemev@microsoft.com>)
- \* [Ruben Ayrapetyan (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ruben-ayrapetyan@users.noreply.github.com>)
- \* [Hyeongseok Oh (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=hseok82.oh@samsung.com>)
- \*
- [Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@microsoft.com>)
- \* [Russell Cohen (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=russell.r.cohen@gmail.com>)
- \* [Hugh Zabriskie (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=hugh.zabriskie@gmail.com>)
- \* [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sean@pulum.com>)
- \* [Gnther Foidl (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=gue@korporal.at>)

\* [Frank Gambino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=frank@daringdev.com>)

\* [Aditya Mandaleeka (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adityamandaleeka@users.noreply.github.com>)

\* [Eric StJohn (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ericstj@microsoft.com>)

\* [David Nissimoff (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davidni@microsoft.com>)

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[David Fowler (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davidfowl@gmail.com>)

\* [mlabiuk (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=35769704+mlabiuk@users.noreply.github.com>)

\* [Szabolcs Dzszi (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dezsizsabi@users.noreply.github.com>)

\* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dharvey@microsoft.com>)

\* [Conrad Meyer (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=cse.cem@gmail.com>)

\* [Colin Green (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=colin.green1@gmail.com>)

\* [Tomas Weinfurt (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tweinfurt@yahoo.com>)

\* [Vance Morrison (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=vancem@microsoft.com>)

\* [Chris Sienkiewicz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chsienki@microsoft.com>)

\*

[Chad Nedzlek (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chadnedz@microsoft.com>)

\* [Victor Zaytsev (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=allisq3@gmail.com>)

\* [Buyduck (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ivan.vagin@partner.samsung.com>)

\* [Bruce Bowyer-Smyth (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bbowyersmyth@live.com.au>)

\* [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=weshaggard@users.noreply.github.com>)

\* [Anton Lapounov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anton.lapounov@microsoft.com>)

\* [Zhukov Maxim (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=my.fsou1@gmail.com>)

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

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

\* [chunseoklee (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chunseoklee@naver.com>)

\* [crntn (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=c.pescheloch@criteo.com>)

\* [danmosemsft (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=danmose@microsoft.com>)

\* [Andrew Marino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=aymarino@umich.edu>)

\* [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mairaw@microsoft.com>)

\* [Marek Safar (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=marek.safar@gmail.com>)

\* [Martin Andersen (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=martin.andersen@outlook.com>)

\* [Kyungwoo Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kyulee@microsoft.com>)

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

\* [Krzysztof Wicher (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mordotymoja@gmail.com>)

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

\* [Kevin Gosse (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=krix33@gmail.com>)

\* [Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=karajas@microsoft.com>)

\* [Jiri {x2} Cincura (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jiri@cincura.net>)

## ## CoreFX

- \* [Stephen Toub (274)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stoub@microsoft.com>)
- \* [Jan Kotas (179)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jkotas@microsoft.com>)
- \* [Ahson Khan (99)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahkha@microsoft.com>)
- \* [Anirudh Agnihotry (74)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)
- \* [Geoff Kizer (65)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek>)
- \* [Wes Haggard (62)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Wes.Haggard@microsoft.com>)
- \* [Jeremy Kuhne (58)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jeremy.kuhne@microsoft.com>)
- \* [Jon Hanna (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jon@hackcraft.net>)
- \* [Dan Moseley (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)
- \* [Maryam Ariyan (45)](<https://github.com/dotnet/corefx/commits/release/2.1?author=maryam.ariyan@microsoft.com>)
- \* [Tomas Weinfurt (43)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tweinfurt@yahoo.com>)
- \* [Ben Adams (42)](<https://github.com/dotnet/corefx/commits/release/2.1?author=thundercat@illyriad.co.uk>)
- \* [Paulo Janotti (41)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pauloja@microsoft.com>)
- \* [Eric St. John (39)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)
- \* [Alexander Radchenko (37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=radchenkosasha@gmail.com>)
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- [Jeremy Barton (37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jbarton@microsoft.com>)
- \* [Atsushi Kanamori (34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=AtsushiKan@users.noreply.github.com>)
- \* [Viktor Hofer (34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@microsoft.com>)
- \* [Lakshmi Priya Sekar (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lasekar@microsoft.com>)
- \* [Marco Rossignoli (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com>)
- \* [Tarek Mahmoud Sayed (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tarekms@microsoft.com>)
- \* [ntr (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ntr@ihfood.dk>)
- \* [Tom Deseyn (26)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tom.deseyn@gmail.com>)
- \* [Caesar Chen (25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=caesar1995@users.noreply.github.com>)
- \*
- [Santiago Fernandez Madero (25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=safarn@microsoft.com>)
- \* [Max Kerr (24)](<https://github.com/dotnet/corefx/commits/release/2.1?author=rmkerr@users.noreply.github.com>)
- \* [Pavel Krymets (22)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pavel@krymets.com>)
- \* [Ian Hays (19)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ianha@microsoft.com>)
- \* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=saurabh500@users.noreply.github.com>)
- \* [Jose Perez Rodriguez (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joperezr@microsoft.com>)
- \* [Brian Robbins (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=brianrob@microsoft.com>)
- \* [Alex Perovich (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=alperovi@microsoft.com>)

\* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=eric.erhardt@microsoft.com>)

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[Matt Galbraith (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mattgal@microsoft.com>)

\* [Jan Vorlicek (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=janvorli@microsoft.com>)

\* [Michal Strehovsk (14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com>)

\* [Huangli Wu (14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com>)

\* [ahsonkhan (13)]([https://github.com/dotnet/corefx/commits/release/2.1?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.1?author=ahson_ahmedk@yahoo.com))

\* [Xing Mao (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

\* [Karel Zikmund (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=karelz@microsoft.com>)

\* [Krzysztof Wicher (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mordotymoja@gmail.com>)

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

\*

[Viktor Hofer (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@outlook.com>)

\* [Steve MacLean (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)

\* [Matt Mitchell (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mmitche@microsoft.com>)

\* [Tanner Gooding (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tagoo@outlook.com>)

\* [wtgodbe (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

\* [Wes Haggard (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=weshaggard@users.noreply.github.com>)

\* [David Shulman (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=david.shulman@microsoft.com>)

\* [Jiayi Yu (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=14067510+yujayee@users.noreply.github.com>)

\* [David Fowler (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidfowl@gmail.com>)

\* [Tom Matouek (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tmat@users.noreply.github.com>)

\* [Koundinya Veluri (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kouvel@users.noreply.github.com>)

\* [Levi Broderick (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com>)

\* [Gene Lee (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gelee@microsoft.com>)

\* [Geoff Kizer (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek@microsoft.com>)

\* [Tim Seaward (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com>)

\* [William Godbe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

\* [John Doe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=github.john.doe@outlook.com>)

\* [Levi Broderick (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=levib@microsoft.com>)

\* [Sung Yoon Whang (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=suwhang@microsoft.com>)

\*

[Konst Khurin (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kkhurin@microsoft.com>)

\* [Omar Tawfik (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=OmarTawfik@users.noreply.github.com>)

\* [kasper3 (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com>)

\* [Josh Free (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joshfree@users.noreply.github.com>)

\* [Keerat Singh (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-kesin@microsoft.com>)

\* [Ayende Rahien (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Ayende@ayende.com>)

\* [Eric StJohn (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)

\* [Shin Mao (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

\* [Cory Rivera (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=corivera@microsoft.com>)

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[Fei Peng (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fei.peng@intel.com>)

\* [Gnther Foidl (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gue@korporal.at>)

\* [Marek Safar (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marek.safar@gmail.com>)

\* [Stefan Nikolei (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stefan@nikolei.eu>)

\* [Davis Goodin  
(4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@users.noreply.github.com>)

\* [Davis Goodin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@microsoft.com>)

\* [Matt Galbraith  
(4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=MattGal@users.noreply.github.com>)

\* [Tomas Matousek (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tomat@microsoft.com>)

\* [Mike McLaughlin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mikem@microsoft.com>)

\* [JC Aguilera (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

\*

[Eugene Rozenfeld (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=erozen@microsoft.com>)

\* [Simon Nattress (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nattress@gmail.com>)

\* [TylerBrinkley (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Tydude4Christ@hotmail.com>)

\* [Vance Morrison (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vancem@microsoft.com>)

\* [Victor Zaytsev (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=allisq3@gmail.com>)

\* [Alexander Gusarov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=agusarov@mirantis.com>)

\* [Joshua Clark (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=clarkis117@live.com>)

\* [vsadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

\* [Vladimir Sadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

\*

[Anipik (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)

\* [Ahson Ahmed Khan  
(3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahsonkhan@users.noreply.github.com>)

\* [danmosemsft (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)

\* [Joel Braun (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Joelbraun@outlook.com>)

\* [Petr Onderka (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gsvick@gmail.com>)

\* [Juan Carlos Aguilera Mendez  
(3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

\* [Pent Ploompuu (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kaalikas@gmail.com>)

\* [Adrian Godong (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adrian.godong@gmail.com>)

\* [Andon Andonov (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anandono@microsoft.com>)

\* [Andy Ayers  
(2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andya@microsoft.com>)

\* [Jon Fortescue (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jofortes@microsoft.com>)

\* [Jonathan Dickinson  
(2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jcdickinson@users.noreply.github.com>)

\* [Jos Rivero (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jorive@microsoft.com>)

\* [Liudmila Molkova (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lmolkova@microsoft.com>)

\* [Mandar Sahasrabuddhe  
(2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=WinCPP@users.noreply.github.com>)

\* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mabaul@microsoft.com>)

\* [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mconnew@microsoft.com>)

\* [Oswald Maskens (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ozie@live.be>)

\* [Adam Sitnik (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adam.sitnik@gmail.com>)

\*

[Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sausing@microsoft.com>)

\* [Stano Peko (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stano@stanopetko.eu>)

\* [Sbastien Ros (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sebastienros@gmail.com>)

\* [Tomas Weinfurt (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=toweinfurt@microsoft.com>)

\* [Ubuntu  
(2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)

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

\* [Marco Rossignoli  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)

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

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

\* [John Bottenberg (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jobotten@microsoft.com>)

\* [mazong1123 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mazong1123@gmail.com>)

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

\* [mikedn (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=onemihaid@hotmail.com>)

\* [JimboWei (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-wjiang@microsoft.com>)

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

\* [Jason Shirk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jason@truewheels.net>)

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

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

\*

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

\* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=michals@microsoft.com>)

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

\* [Jacek Blaszczyński  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=biosciencenow@outlook.com>)

\* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ufcpp@live.jp>)

\* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=omajid@redhat.com>)

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

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

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

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

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

\* [Alexander (1)]([https://github.com/dotnet/corefx/commits/release/2.1?author=SenSay\\_2007@mail.ru](https://github.com/dotnet/corefx/commits/release/2.1?author=SenSay_2007@mail.ru))

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

\* [PeterChen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=peter3598768@gmail.com>)

\* [Frederik Carlier  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frederik.carlier@quamotion.mobi>)

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

\* [Raul Hidalgo Caballero]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=raul.hidalgo.sopa@gmail.com>)

\* [Rew (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Rew017@hotmail.com>)

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

\*

[Robert Matuszewicz]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=robert.matuszewicz@newvoicemedia.com>)

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

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

\* [Frans Bouma (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frans@sd.nl>)

\* [Filip S. Adamsen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fsa@askcody.dk>)

\* [strajkovmsft]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=35152474+strajkovmsft@users.noreply.github.com>)

\* [Sebastian (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=github@mafutrct.de>)

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

\* [Faizur Rahman (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shrah@microsoft.com>)

\*

[Erwin Oegema (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=blablaechthema@hotmail.com>)

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

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

\* [Ducki]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=148378+Ducki@users.noreply.github.com>)

\* [Steve Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=slee@microsoft.com>)

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

\* [Douglas-Cleghorn]  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=douglas@readinghorizons.com>)

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

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

\*

[t-jekor (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=t-jekor@microsoft.com>)

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

\* [Diego Vega (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=diego.vega@microsoft.com>)

\* [Taylor Southwick (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tasou@microsoft.com>)

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

\* [David Wrighton (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidwr@microsoft.com>)

\* [Daniel Imms (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tyriar@tyriar.com>)

\* [Daniel Henry (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=daniel.henry@epiforge.com>)

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

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

\*

[Christopher Costa (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=chcosta@microsoft.com>)

\* [Tyler Brinkley (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tydude4christ@hotmail.com>)

\* [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=christian@chwe.at>)

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

\* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=crummel@microsoft.com>)

\* [Vasiliy Novikov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vasiliy.novikov@outlook.com>)

\* [Victor "Nate" Graf (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nategraf1@gmail.com>)

\* [Victor Nate Graf (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vigraf@microsoft.com>)

\* [Cesar Soares Lucas (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=disoares@microsoft.com>)

\*

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

\* [Bernhard Urban (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=bernhard.urban@xamarin.com>)

\* [Ayende Rahien (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ayende@ayende.com>)

\* [Artyom Karpov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru>)

\* [Anton Lapounov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anton.lapounov@microsoft.com>)

\* [Andreas Heider (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andreas@heider.io>)

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

\* [Andon Andonov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andon.andonov@microsoft.com>)

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

\* [Zhukov Maxim (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=my.fsou1@gmail.com>)

\*

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

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

\* [artkp (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru>)

\* [buddyabaddon (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=33861511+buddyabaddon@users.noreply.github.com>)

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

\* [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>)

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

\* [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>)

\* [Josh Free (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jfree@microsoft.com>)

\* [Kristian Hellang (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kristian.hellang@iris.no>)

\* [Joseph Musser (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=me@jnm2.com>)

\* [Lakshmi Priya Sekar  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Priya91@users.noreply.github.com>)

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

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

\* [Jonathan Gilbert (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=JonathanG@iQmetrix.com>)

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

\*

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

## WCF

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

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

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

\* [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=shmao@microsoft.com>)

\* [Kirill (1)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=netkill@bk.ru>)

\* [Zhenlan Wang (1)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=zhenlwa@microsoft.com>)

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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."),
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```

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

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By Sean Eron Anderson  
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\* [Chris McKinsey (14)](<https://github.com/dotnet/coreclr/commits/master?author=chrismck@microsoft.com>)

\* [Jose Perez Rodriguez (14)](<https://github.com/dotnet/coreclr/commits/master?author=joperezr@microsoft.com>)

\* [Richard L Ford (14)](<https://github.com/dotnet/coreclr/commits/master?author=richford@microsoft.com>)

\* [Dmitry-Me (13)](<https://github.com/dotnet/coreclr/commits/master?author=wipedout@yandex.ru>)

\* [Eric Erhardt (13)](<https://github.com/dotnet/coreclr/commits/master?author=eerhardt@microsoft.com>)

\* [David Mason (12)](<https://github.com/dotnet/coreclr/commits/master?author=davmason@microsoft.com>)

\* [Hongtao Yu (12)](<https://github.com/dotnet/coreclr/commits/master?author=Hongtao.Yu@microsoft.com>)

\* [Prajwal A N (12)](<https://github.com/dotnet/coreclr/commits/master?author=an.prajwal@samsung.com>)

\* [Bruce Bowyer-Smyth  
(11)](<https://github.com/dotnet/coreclr/commits/master?author=bbowyersmyth@live.com.au>)

\* [Eugene Zemtsov (10)](<https://github.com/dotnet/coreclr/commits/master?author=e.zemtsov@gmail.com>)

\* [Gaurav Khanna (CLR)  
(10)](<https://github.com/dotnet/coreclr/commits/master?author=gaurav.khanna@microsoft.com>)

\* [Pallavi Taneja (10)](<https://github.com/dotnet/coreclr/commits/master?author=pallavit@microsoft.com>)

\*

[Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/master?author=sjlee@mail.com>)

\* [Tarek Mahmoud Sayed (10)](<https://github.com/dotnet/coreclr/commits/master?author=tarekms@microsoft.com>)

\* [Kasper F. Brandt (9)](<https://github.com/dotnet/coreclr/commits/master?author=poizan@poizan.dk>)

\* [Michelle McDaniel (9)](<https://github.com/dotnet/coreclr/commits/master?author=adiaaida@gmail.com>)

\* [Geunsik Lim (8)](<https://github.com/dotnet/coreclr/commits/master?author=leemgs@users.noreply.github.com>)

\* [Hongtao Yu (8)](<https://github.com/dotnet/coreclr/commits/master?author=hoy@microsoft.com>)

\* [Jeremy Kuhne (8)](<https://github.com/dotnet/coreclr/commits/master?author=jeremy.kuhne@microsoft.com>)

\* [John Bottenberg (8)](<https://github.com/dotnet/coreclr/commits/master?author=jobotten@microsoft.com>)

\* [Lubomir Litchev (8)](<https://github.com/dotnet/coreclr/commits/master?author=llitchev@live.com>)

\* [Sridhar Periyasamy (8)](<https://github.com/dotnet/coreclr/commits/master?author=sridhper@microsoft.com>)

\*

[Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/master?author=swaroops@microsoft.com>)

\* [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/master?author=vancem@microsoft.com>)

\* [Wes Haggard (8)](<https://github.com/dotnet/coreclr/commits/master?author=Wes.Haggard@microsoft.com>)

\* [Deepak Shankargouda (7)](<https://github.com/dotnet/coreclr/commits/master?author=deshank@microsoft.com>)

\* [Dick van den Brink (7)]([https://github.com/dotnet/coreclr/commits/master?author=d\\_vandenbrink@outlook.com](https://github.com/dotnet/coreclr/commits/master?author=d_vandenbrink@outlook.com))

\* [Geoff Norton (7)](<https://github.com/dotnet/coreclr/commits/master?author=kangaroo@clr.ninja>)

\* [Hugh Bellamy (7)](<https://github.com/dotnet/coreclr/commits/master?author=hughbellars@gmail.com>)

\* [Jan Henke (7)](<https://github.com/dotnet/coreclr/commits/master?author=Jan.Henke@tau.jhe.de>)

\* [Joel Hendrix (7)](<https://github.com/dotnet/coreclr/commits/master?author=jhendrix@microsoft.com>)

\* [Matt Mitchell (7)](<https://github.com/dotnet/coreclr/commits/master?author=matchell@outlook.com>)

\*

[Mert (7)](<https://github.com/dotnet/coreclr/commits/master?author=mert@meltabi.com>)

\* [MyungJoo Ham (7)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@gmail.com>)

\* [Nick Guerrero (7)](<https://github.com/dotnet/coreclr/commits/master?author=nicholg@microsoft.com>)

\* [Swaroop Sridhar  
(7)](<https://github.com/dotnet/coreclr/commits/master?author=Swaroop.Sridhar@microsoft.com>)

\* [Xy Ziemba (7)](<https://github.com/dotnet/coreclr/commits/master?author=xyziemba@microsoft.com>)

\* [Bryan Arant (6)](<https://github.com/dotnet/coreclr/commits/master?author=bryanar@microsoft.com>)

\* [Jeroen Janssen (6)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen.janssen@gmail.com>)

\* [Kshama Pawar (6)](<https://github.com/dotnet/coreclr/commits/master?author=kspawa@microsoft.com>)

\* [Nate Amundson (6)](<https://github.com/dotnet/coreclr/commits/master?author=naamunds@microsoft.com>)

\* [Sedar Gokbulut (6)](<https://github.com/dotnet/coreclr/commits/master?author=sedarg@microsoft.com>)

\*

[Aditya Mandaleeka  
(5)](<https://github.com/dotnet/coreclr/commits/master?author=adityamandaleeka@users.noreply.github.com>)

\* [Andrey Akinshin (5)](<https://github.com/dotnet/coreclr/commits/master?author=andrey.akinshin@gmail.com>)

\* [chunseoklee (5)](<https://github.com/dotnet/coreclr/commits/master?author=chunseoklee@naver.com>)

\* [Jonathan Taylor (5)](<https://github.com/dotnet/coreclr/commits/master?author=taylorjonl@gmail.com>)

\* [Juergen Hoetzel (5)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@archlinux.org>)

\* [Maks Naumov (5)](<https://github.com/dotnet/coreclr/commits/master?author=maksqwe1@ukr.net>)

- \* [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/master?author=gsvick@gmail.com>)
- \* [Rich Lander (5)](<https://github.com/dotnet/coreclr/commits/master?author=rich@lander.ca>)
- \* [Senthil (5)](<https://github.com/dotnet/coreclr/commits/master?author=schellap@microsoft.com>)
- \* [Andrey Kvochko (4)](<https://github.com/dotnet/coreclr/commits/master?author=a.kvochko@samsung.com>)
- \* [Ben Boeckel (4)](<https://github.com/dotnet/coreclr/commits/master?author=mathstuf@gmail.com>)
- \* [Ben Pye (4)](<https://github.com/dotnet/coreclr/commits/master?author=ben@debian>)
- \* [Cagri (4)](<https://github.com/dotnet/coreclr/commits/master?author=caslan@microsoft.com>)
- \* [Eric Eilebrecht (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@hotmail.com>)
- \* [Eric St. John (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericstj@microsoft.com>)
- \* [Evgeny Pavlov (4)](<https://github.com/dotnet/coreclr/commits/master?author=lucenticus@gmail.com>)
- \* [Hanjoung Lee (4)](<https://github.com/dotnet/coreclr/commits/master?author=hanjoung.lee@samsung.com>)
- \* [Jeremy Barton (4)](<https://github.com/dotnet/coreclr/commits/master?author=jbarton@microsoft.com>)
- \* [Jonathan Miller (4)](<https://github.com/dotnet/coreclr/commits/master?author=jonmill@microsoft.com>)
- \* [Lee Culver (4)](<https://github.com/dotnet/coreclr/commits/master?author=leculver@microsoft.com>)
- \*
- [Natalia Glagoleva (4)](<https://github.com/dotnet/coreclr/commits/master?author=natgla@microsoft.com>)
- \* [Ryan Byington (4)](<https://github.com/dotnet/coreclr/commits/master?author=ryanbyi@microsoft.com>)
- \* [SaeHie Park (4)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@samsung.com>)
- \* [Steven Das (4)](<https://github.com/dotnet/coreclr/commits/master?author=DasAllFolks@users.noreply.github.com>)
- \* [Tony Narlock (4)](<https://github.com/dotnet/coreclr/commits/master?author=tony@git-pull.com>)
- \* [Zlatko Knezevic (4)](<https://github.com/dotnet/coreclr/commits/master?author=zlakne@microsoft.com>)
- \* [Alexandru Ghiondea (3)](<https://github.com/dotnet/coreclr/commits/master?author=alexghi@microsoft.com>)
- \* [Anders Jensen-Waud (3)](<https://github.com/dotnet/coreclr/commits/master?author=anders@jensenwald.com>)
- \* [Ben Adams (3)](<https://github.com/dotnet/coreclr/commits/master?author=thundercat@illyriad.co.uk>)
- \* [Chuck Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=chuckm@microsoft.com>)
- \* [David Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitche@logos.com>)
- \* [Dmitri-Botcharnikov (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitry.b@samsung.com>)
- \* [Dongyun Jin (3)](<https://github.com/dotnet/coreclr/commits/master?author=dongyun.jin@samsung.com>)
- \* [Ganesh Ranganathan (3)](<https://github.com/dotnet/coreclr/commits/master?author=ganesh.ranganathan.85@gmail.com>)
- \* [Gerald Scott Freeman (3)](<https://github.com/dotnet/coreclr/commits/master?author=gsfreema@gmail.com>)
- \* [Gregg Miskelly (3)](<https://github.com/dotnet/coreclr/commits/master?author=greggm@microsoft.com>)
- \* [Hadi Brais (3)](<https://github.com/dotnet/coreclr/commits/master?author=hadi.b@live.com>)
- \* [Ivan Baravy (3)](<https://github.com/dotnet/coreclr/commits/master?author=i.baravy@samsung.com>)
- \* [Jarret Shook (3)]([https://github.com/dotnet/coreclr/commits/master?author=jarret\\_shook@outlook.com](https://github.com/dotnet/coreclr/commits/master?author=jarret_shook@outlook.com))
- \*
- [Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/master?author=t2wish@gmail.com>)
- \* [Jon Hanna (3)](<https://github.com/dotnet/coreclr/commits/master?author=jon@hackcraft.net>)
- \* [Kevin Jones (3)](<https://github.com/dotnet/coreclr/commits/master?author=kevin@vcsjones.com>)
- \* [Lee Coward (3)](<https://github.com/dotnet/coreclr/commits/master?author=leecow@microsoft.com>)
- \* [Lubomir Litchev (3)](<https://github.com/dotnet/coreclr/commits/master?author=LLITCHEV@users.noreply.github.com>)
- \* [Matthew Parkinson (3)](<https://github.com/dotnet/coreclr/commits/master?author=mattpark@microsoft.com>)
- \* [Michal Strehovsk (3)](<https://github.com/dotnet/coreclr/commits/master?author=michals@microsoft.com>)
- \* [Michelle McDaniel (3)](<https://github.com/dotnet/coreclr/commits/master?author=michelm@microsoft.com>)

\* [Mukul Sabharwal (3)](<https://github.com/dotnet/coreclr/commits/master?author=mjsabby@gmail.com>)

\* [SaeHie Park (3)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@gmail.com>)

\*

[Sergey Andreenko (3)](<https://github.com/dotnet/coreclr/commits/master?author=AC-93@MAIL.RU>)

\* [Tanner Gooding (3)](<https://github.com/dotnet/coreclr/commits/master?author=tannergooding@users.noreply.github.com>)

\* [tijoytom (3)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom@gmail.com>)

\* [Zhicheng Zhu (3)](<https://github.com/dotnet/coreclr/commits/master?author=zhizhu@microsoft.com>)

\* [Aaron Havens (2)](<https://github.com/dotnet/coreclr/commits/master?author=arnmac@users.noreply.github.com>)

\* [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=alex.ghiondea@gmail.com>)

\* [Alexandr Nikitin (2)](<https://github.com/dotnet/coreclr/commits/master?author=nikitin.alexandr.a@gmail.com>)

\* [AlexGhiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=AlexGhiondea@users.noreply.github.com>)

\* [Andrew Schwartzmeyer (2)](<https://github.com/dotnet/coreclr/commits/master?author=andschwa@microsoft.com>)

\* [Austin Wise (2)](<https://github.com/dotnet/coreclr/commits/master?author=AustinWise@gmail.com>)

\* [Ben Monroe (2)](<https://github.com/dotnet/coreclr/commits/master?author=bendono@gmail.com>)

\* [Chase Miller (2)](<https://github.com/dotnet/coreclr/commits/master?author=chase@bawxen.net>)

\* [Eric Eilebrecht (2)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@microsoft.com>)

\* [George Sapkin (2)](<https://github.com/dotnet/coreclr/commits/master?author=george.sapkin@gmail.com>)

\* [gitchomik (2)](<https://github.com/dotnet/coreclr/commits/master?author=gitchomik@users.noreply.github.com>)

\* [Jeff Foster (2)](<https://github.com/dotnet/coreclr/commits/master?author=jeff.foster@acm.org>)

\* [Joseph Tremoulet (2)](<https://github.com/dotnet/coreclr/commits/master?author=jotrem@microsoft.com>)

\* [Knagis (2)](<https://github.com/dotnet/coreclr/commits/master?author=Knagis@users.noreply.github.com>)

\* [Lucas Meijer (2)](<https://github.com/dotnet/coreclr/commits/master?author=lucas@unity3d.com>)

\* [Marqin (2)](<https://github.com/dotnet/coreclr/commits/master?author=marqin.pl+git@gmail.com>)

\* [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/master?author=matt.warren@live.co.uk>)

\* [Mikhail Pilin (2)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail@pilin.name>)

\* [Mort Yao (2)](<https://github.com/dotnet/coreclr/commits/master?author=mort.yao@gmail.com>)

\* [noahfalk (2)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@users.noreply.github.com>)

\* [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/master?author=v.nikolaev@samsung.com>)

\* [Prem Ramanathan (2)](<https://github.com/dotnet/coreclr/commits/master?author=premram@microsoft.com>)

\* [Ravi Eda (2)](<https://github.com/dotnet/coreclr/commits/master?author=raeda@microsoft.com>)

\* [Sean Gillespie (2)](<https://github.com/dotnet/coreclr/commits/master?author=sean.william.g@gmail.com>)

\* [Sejong Oh (2)](<https://github.com/dotnet/coreclr/commits/master?author=sejong.oh.25911@outlook.com>)

\* [sergey-raevskiy (2)](<https://github.com/dotnet/coreclr/commits/master?author=ccik@inbox.ru>)

\* [shahid-pk (2)](<https://github.com/dotnet/coreclr/commits/master?author=shahid.mrd@hotmail.com>)

\* [shion (2)](<https://github.com/dotnet/coreclr/commits/master?author=tishion@users.noreply.github.com>)

\* [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/master?author=clockwork-muse@outlook.com>)

\* [Vance Morrison (2)](<https://github.com/dotnet/coreclr/commits/master?author=vancemorrison@comcast.net>)

\* [Aaron Bieber (1)](<https://github.com/dotnet/coreclr/commits/master?author=aaron@bolddaemon.com>)

\* [Aditya Mahajan (1)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@umich.edu>)

\* [Alexander Sheshilov (1)](<https://github.com/dotnet/coreclr/commits/master?author=speshuric@gmail.com>)

\* [Alexander Vostres (1)](<https://github.com/dotnet/coreclr/commits/master?author=alexx999@gmail.com>)

\* [Alfredo Menendez Sancho  
(1)](<https://github.com/dotnet/coreclr/commits/master?author=alfremen@microsoft.com>)  
\*

[Anders Wenhaug (1)](<https://github.com/dotnet/coreclr/commits/master?author=anders@wenhaug.no>)  
\* [Andreas Strid (1)]([https://github.com/dotnet/coreclr/commits/master?author=andreas\\_strid@bredband.net](https://github.com/dotnet/coreclr/commits/master?author=andreas_strid@bredband.net))  
\* [Andrew Au (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewau@microsoft.com>)  
\* [Andrew Karpov (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewcarpov@gmail.com>)  
\* [Andrew Stanton-Nurse (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrew@andrewnurse.net>)  
\* [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)  
\* [Arkady Shapkin (1)]([https://github.com/dotnet/coreclr/commits/master?author=arkadiy\\_s@inbox.ru](https://github.com/dotnet/coreclr/commits/master?author=arkadiy_s@inbox.ru))  
\* [Aurojit Panda (1)](<https://github.com/dotnet/coreclr/commits/master?author=apanda@cs.berkeley.edu>)  
\* [Ben Gribaudo (1)](<https://github.com/dotnet/coreclr/commits/master?author=me@bengribaudo.com>)  
\* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bendon@users.noreply.github.com>)  
\*

[Benjamin Hodgson  
(1)](<https://github.com/dotnet/coreclr/commits/master?author=benjamin.hodgson@huddle.com>)  
\* [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=brobinson@toptensoftware.com>)  
\* [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=contact@toptensoftware.com>)  
\* [Brandon Bloom (1)](<https://github.com/dotnet/coreclr/commits/master?author=brandon@evidence.com>)  
\* [Cagri Aslan (1)](<https://github.com/dotnet/coreclr/commits/master?author=cagriaslan@Andrews-Mac-mini.local>)  
\* [Carol Eidt (1)](<https://github.com/dotnet/coreclr/commits/master?author=caroleidt@outlook.com>)  
\* [Cheryl Simmons (1)](<https://github.com/dotnet/coreclr/commits/master?author=cherylws@live.com>)  
\* [Christian Jacobsen (1)](<https://github.com/dotnet/coreclr/commits/master?author=chribben@gmail.com>)  
\* [Christopher Currens (1)](<https://github.com/dotnet/coreclr/commits/master?author=ccurrens@microsoft.com>)  
\* [christos-P (1)](<https://github.com/dotnet/coreclr/commits/master?author=cpaisios@gmail.com>)  
\*

[Chuck Ries (1)](<https://github.com/dotnet/coreclr/commits/master?author=chuckr@microsoft.com>)  
\* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/master?author=dharvey@microsoft.com>)  
\* [Daniel Qiu (1)](<https://github.com/dotnet/coreclr/commits/master?author=qs1328@gmail.com>)  
\* [David Kean (1)](<https://github.com/dotnet/coreclr/commits/master?author=davkean@microsoft.com>)  
\* [David Wrighton (1)](<https://github.com/dotnet/coreclr/commits/master?author=davidwr@microsoft.com>)  
\* [Davis Goodin (1)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@users.noreply.github.com>)  
\* [DionYe (1)](<https://github.com/dotnet/coreclr/commits/master?author=junye@microsoft.com>)  
\* [dobe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bernddom@gmail.com>)  
\* [Drew DeVault (1)](<https://github.com/dotnet/coreclr/commits/master?author=sir@cmpwn.com>)  
\* [Drew Scoggins (1)](<https://github.com/dotnet/coreclr/commits/master?author=anscoggi@microsoft.com>)  
\*

[Eddie Hedges (1)](<https://github.com/dotnet/coreclr/commits/master?author=eddiehedges@gmail.com>)  
\* [Evgeny Mandrikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=mandrikov@gmail.com>)  
\* [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/master?author=felipepessoto@hotmail.com>)  
\* [Gary Coulbourne (1)](<https://github.com/dotnet/coreclr/commits/master?author=bear@bears.org>)  
\* [geoffkizer (1)](<https://github.com/dotnet/coreclr/commits/master?author=geoffrek>)  
\* [Geoffrey Huntley (1)](<https://github.com/dotnet/coreclr/commits/master?author=ghuntley@ghuntley.com>)  
\* [Hanjoung Lee (1)](<https://github.com/dotnet/coreclr/commits/master?author=waterets@gmail.com>)  
\* [Henry Baba-Weiss (1)](<https://github.com/dotnet/coreclr/commits/master?author=htw@cs.washington.edu>)  
\* [Immo Landwerth (1)](<https://github.com/dotnet/coreclr/commits/master?author=immo@landwerth.net>)  
\* [Jack Pappas (1)](<https://github.com/dotnet/coreclr/commits/master?author=jack-pappas@users.noreply.github.com>)

\*  
 [James Ko (1)](<https://github.com/dotnet/coreclr/commits/master?author=kojames8111@gmail.com>)  
 \* [James Singleton  
 (1)](<https://github.com/dotnet/coreclr/commits/master?author=jpsingleton@users.noreply.github.com>)  
 \* [Jan Henke (1)](<https://github.com/dotnet/coreclr/commits/master?author=janhenke@users.noreply.github.com>)  
 \* [Jared Parsons (1)](<https://github.com/dotnet/coreclr/commits/master?author=jaredpar@microsoft.com>)  
 \* [Jason Young (1)](<https://github.com/dotnet/coreclr/commits/master?author=jason@ytechie.com>)  
 \* [Jason Zhekov (1)](<https://github.com/dotnet/coreclr/commits/master?author=jasssonpet@gmail.com>)  
 \* [Jrmie Galarneau (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeremie.galarneau@gmail.com>)  
 \* [Jeroen Frijters (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen@frijters.net>)  
 \* [Jonathon Rossi (1)](<https://github.com/dotnet/coreclr/commits/master?author=jono@jonorossi.com>)  
 \* [Jonghyun  
 Park (1)](<https://github.com/dotnet/coreclr/commits/master?author=jh1302.park@samsung.com>)  
 \* [Josh Varty (1)](<https://github.com/dotnet/coreclr/commits/master?author=JoshVarty@users.noreply.github.com>)  
 \* [Jude Melancon  
 (1)](<https://github.com/dotnet/coreclr/commits/master?author=judemelancon@users.noreply.github.com>)  
 \* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@hoetzel.info>)  
 \* [Justin Cormack (1)](<https://github.com/dotnet/coreclr/commits/master?author=justin@specialbuservice.com>)  
 \* [Kamil Rytarowski  
 (1)](<https://github.com/dotnet/coreclr/commits/master?author=krytarowski@users.noreply.github.com>)  
 \* [Kevin Mullins (1)](<https://github.com/dotnet/coreclr/commits/master?author=kmullins@gmail.com>)  
 \* [kingces95 (1)](<https://github.com/dotnet/coreclr/commits/master?author=kingces95@users.noreply.github.com>)  
 \* [krk (1)](<https://github.com/dotnet/coreclr/commits/master?author=keremkat@gmail.com>)  
 \* [Krzysztof Cwalina (1)](<https://github.com/dotnet/coreclr/commits/master?author=kcwalina@microsoft.com>)  
 \*  
 [Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=kurt+github@aadnoy.info>)  
 \* [Lioncash (1)](<https://github.com/dotnet/coreclr/commits/master?author=mathew1800@gmail.com>)  
 \* [Luca (1)](<https://github.com/dotnet/coreclr/commits/master?author=luca.duran@hotmail.com>)  
 \* [Ludovic Henry (1)](<https://github.com/dotnet/coreclr/commits/master?author=ludovic@xamarin.com>)  
 \* [Luqun Lou (1)](<https://github.com/dotnet/coreclr/commits/master?author=luqunl@microsoft.com>)  
 \* [Marcel Gosselin (1)](<https://github.com/dotnet/coreclr/commits/master?author=marcel.gosselin@gmail.com>)  
 \* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=ktos@ktos.info>)  
 \* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=m@badurowicz.net>)  
 \* [Mark Hurd (1)](<https://github.com/dotnet/coreclr/commits/master?author=markehurd@gmail.com>)  
 \* [Marvin (1)](<https://github.com/dotnet/coreclr/commits/master?author=krixdev@gmail.com>)  
 \*  
 [Matt (1)](<https://github.com/dotnet/coreclr/commits/master?author=mmartell@15J8NM1.mi.corp.rockfin.com>)  
 \* [Matt Burke (1)](<https://github.com/dotnet/coreclr/commits/master?author=git@mattburkedev.com>)  
 \* [Matt Johnson (1)](<https://github.com/dotnet/coreclr/commits/master?author=matt.johnson@microsoft.com>)  
 \* [Matthew Whilden (1)](<https://github.com/dotnet/coreclr/commits/master?author=mwhilden@microsoft.com>)  
 \* [Mikhail I. Krivtsov (1)](<https://github.com/dotnet/coreclr/commits/master?author=m.krivtsov@samsung.com>)  
 \* [Mikhail Pilin (1)](<https://github.com/dotnet/coreclr/commits/master?author=ww898@users.noreply.github.com>)  
 \* [Mili (Yi) Zhang (1)](<https://github.com/dotnet/coreclr/commits/master?author=milizhang@gmail.com>)  
 \* [Mirth Hickford (1)](<https://github.com/dotnet/coreclr/commits/master?author=mirth.hickford@gmail.com>)  
 \* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail.krivtsov@gmail.com>)  
 \* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mkborg@users.noreply.github.com>)  
 \*

[mogemimi (1)](<https://github.com/dotnet/coreclr/commits/master?author=mogemimi@enginetrubble.net>)

\* [Nico Weber (1)](<https://github.com/dotnet/coreclr/commits/master?author=nicolasweber@gmx.de>)

\* [Nicolas Deslandes (1)](<https://github.com/dotnet/coreclr/commits/master?author=ndeslandes@live.fr>)

\* [njoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=indaustria@gmail.com>)

\* [Noah Falk (1)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@microsoft.com>)

\* [Pascal Borreli (1)](<https://github.com/dotnet/coreclr/commits/master?author=pascal@borreli.com>)

\* [Pat Gavlin (1)](<https://github.com/dotnet/coreclr/commits/master?author=pgavlin@gmail.com>)

\* [Patrick Lambert (1)](<https://github.com/dotnet/coreclr/commits/master?author=dendory@live.ca>)

\* [paulnice (1)](<https://github.com/dotnet/coreclr/commits/master?author=ru.pchel@gmail.com>)

\* [Pavel Pochobut (1)](<https://github.com/dotnet/coreclr/commits/master?author=pavel.pochobut@gmail.com>)

\*

[Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/master?author=pefoley2@pefoley.com>)

\* [Peter Marcu (1)](<https://github.com/dotnet/coreclr/commits/master?author=Peter.Marcu@Microsoft.com>)

\* [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/master?author=prajwal.an92@gmail.com>)

\* [Rajkumar Janakiraman (1)](<https://github.com/dotnet/coreclr/commits/master?author=janakiraman.rajkumar@gmail.com>)

\* [rhadley (1)](<https://github.com/dotnet/coreclr/commits/master?author=rhadley@microsoft.com>)

\* [Roman Pavlov (1)](<https://github.com/dotnet/coreclr/commits/master?author=romansp@users.noreply.github.com>)

\* [Ron Cain (1)](<https://github.com/dotnet/coreclr/commits/master?author=roncain@microsoft.com>)

\* [Rony Batista (1)](<https://github.com/dotnet/coreclr/commits/master?author=rony.batista29@gmail.com>)

\* [Rumesh Eranga (1)](<https://github.com/dotnet/coreclr/commits/master?author=rehrumesh@users.noreply.github.com>)

\* [Sasha Semennikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=alsemenn@microsoft.com>)

\*

[sbomer (1)](<https://github.com/dotnet/coreclr/commits/master?author=sbomer@gmail.com>)

\* [Scott Harwell (1)](<https://github.com/dotnet/coreclr/commits/master?author=scott@harwell.me>)

\* [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@sejoohubuntu0.guest.corp.microsoft.com>)

\* [Sergei Vorobev (1)](<https://github.com/dotnet/coreclr/commits/master?author=xvorsx@gmail.com>)

\* [Spencer Stephens (1)](<https://github.com/dotnet/coreclr/commits/master?author=spencer.leo.stephens@gmail.com>)

\* [Stephen Cleary (1)](<https://github.com/dotnet/coreclr/commits/master?author=github.ourteddybear@xoxy.net>)

\* [Thomas Klausner (1)](<https://github.com/dotnet/coreclr/commits/master?author=tk@giga.or.at>)

\* [tijoytom (1)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom.com>)

\* [Tom Van Looy (1)](<https://github.com/dotnet/coreclr/commits/master?author=tom@ctors.net>)

\* [Val Menn (1)](<https://github.com/dotnet/coreclr/commits/master?author=vmenn@microsoft.com>)

\*

[Valery (1)](<https://github.com/dotnet/coreclr/commits/master?author=m08pvv@ya.ru>)

\* [Viacheslav Ivanov (1)](<https://github.com/dotnet/coreclr/commits/master?author=viacheslav.ivanov@gmail.com>)

\* [vkairys (1)](<https://github.com/dotnet/coreclr/commits/master?author=kairys.vilius@gmail.com>)

\* [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/master?author=weshaggard@users.noreply.github.com>)

\* [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/master?author=xiangyang.guo@intel.com>)

\* [zhangkaizhao (1)](<https://github.com/dotnet/coreclr/commits/master?author=zhangkaizhao@gmail.com>)

## CoreFX

\* [stephentoub (1298)](<https://github.com/dotnet/corefx/commits/master?author=stoub@microsoft.com>)

\* [Eric St. John (308)](<https://github.com/dotnet/corefx/commits/master?author=ericstj@microsoft.com>)

\* [Hugh Bellamy (291)](<https://github.com/dotnet/corefx/commits/master?author=hughbellars@gmail.com>)

\*

[bartonjs (279)](<https://github.com/dotnet/corefx/commits/master?author=jbarton@microsoft.com>)

\* [Jon Hanna (242)](<https://github.com/dotnet/corefx/commits/master?author=jon@hackcraft.net>)

\* [Eric Mellino (188)](<https://github.com/dotnet/corefx/commits/master?author=erme@microsoft.com>)

\* [Justin Van Patten (186)](<https://github.com/dotnet/corefx/commits/master?author=jvp@justinvp.com>)

\* [Matt Ellis (178)](<https://github.com/dotnet/corefx/commits/master?author=matell@microsoft.com>)

\* [Nick Guerrero (166)](<https://github.com/dotnet/corefx/commits/master?author=nicholg@microsoft.com>)

\* [Ian Hays (156)](<https://github.com/dotnet/corefx/commits/master?author=ianha@microsoft.com>)

\* [Lakshmi Priya Sekar (150)](<https://github.com/dotnet/corefx/commits/master?author=lasekar@microsoft.com>)

\* [Wes Haggard (146)](<https://github.com/dotnet/corefx/commits/master?author=Wes.Haggard@microsoft.com>)

\* [David Shulman (127)](<https://github.com/dotnet/corefx/commits/master?author=david.shulman@microsoft.com>)

\*

[Eric Erhardt (114)](<https://github.com/dotnet/corefx/commits/master?author=eric.erhardt@microsoft.com>)

\* [Eric Eilebrecht (104)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@hotmail.com>)

\* [Matt Mitchell (94)](<https://github.com/dotnet/corefx/commits/master?author=mmitche@microsoft.com>)

\* [Maxwe11 (91)](<https://github.com/dotnet/corefx/commits/master?author=turin.dmytro@gmail.com>)

\* [Matt Cohn (90)](<https://github.com/dotnet/corefx/commits/master?author=macohn@microsoft.com>)

\* [Pallavi Taneja (87)](<https://github.com/dotnet/corefx/commits/master?author=pallavit@microsoft.com>)

\* [Christopher Costa (81)](<https://github.com/dotnet/corefx/commits/master?author=chcosta@microsoft.com>)

\* [Alexander Kplinger (72)](<https://github.com/dotnet/corefx/commits/master?author=alex.koeplinger@outlook.com>)

\* [Bart De Smet (71)](<https://github.com/dotnet/corefx/commits/master?author=bartde@microsoft.com>)

\* [Tomas Matousek (69)](<https://github.com/dotnet/corefx/commits/master?author=tomas.matousek@microsoft.com>)

\*

[Pat Gavlin (65)](<https://github.com/dotnet/corefx/commits/master?author=pgavlin@gmail.com>)

\* [Andrew Arnott (63)](<https://github.com/dotnet/corefx/commits/master?author=andarno@microsoft.com>)

\* [Khoa Dang (62)](<https://github.com/dotnet/corefx/commits/master?author=Khoa.Dang@microsoft.com>)

\* [Cory Rivera (61)](<https://github.com/dotnet/corefx/commits/master?author=corivera@microsoft.com>)

\* [Jonathan Miller (58)](<https://github.com/dotnet/corefx/commits/master?author=jonmill@microsoft.com>)

\* [Charles Lowell (57)](<https://github.com/dotnet/corefx/commits/master?author=chlowe@microsoft.com>)

\* [Atsushi Kanamori (56)](<https://github.com/dotnet/corefx/commits/master?author=atsushik@microsoft.com>)

\* [Saurabh Singh (51)](<https://github.com/dotnet/corefx/commits/master?author=saurabh500@gmail.com>)

\* [Stephen A. Imhoff (50)](<https://github.com/dotnet/corefx/commits/master?author=clockwork-muse@outlook.com>)

\* [Joel Hendrix (48)](<https://github.com/dotnet/corefx/commits/master?author=jhendrix@microsoft.com>)

\*

[Krzysztof Wicher (47)](<https://github.com/dotnet/corefx/commits/master?author=kwicher@microsoft.com>)

\* [James Ko (45)](<https://github.com/dotnet/corefx/commits/master?author=jamesqko@gmail.com>)

\* [Krzysztof Cwalina (43)](<https://github.com/dotnet/corefx/commits/master?author=kcwalina@microsoft.com>)

\* [Khoa Dang (39)](<https://github.com/dotnet/corefx/commits/master?author=khdang@microsoft.com>)

\* [Jose Perez Rodriguez (37)](<https://github.com/dotnet/corefx/commits/master?author=joperezr@microsoft.com>)

\* [Tarek Mahmoud Sayed (37)](<https://github.com/dotnet/corefx/commits/master?author=tarekms@microsoft.com>)

\* [Peter Jas (35)](<https://github.com/dotnet/corefx/commits/master?author=necmon@yahoo.com>)



\* [Vance Morrison (35)](<https://github.com/dotnet/corefx/commits/master?author=vancem@microsoft.com>)

\* [Cristian Pop (34)](<https://github.com/dotnet/corefx/commits/master?author=Cristian.Pop@microsoft.com>)

\* [Taylor Southwick (34)](<https://github.com/dotnet/corefx/commits/master?author=tasou@microsoft.com>)

\*

[Shmueli Englard (33)](<https://github.com/dotnet/corefx/commits/master?author=shmueli.yosef@englard.net>)

\* [Davis Goodin (31)](<https://github.com/dotnet/corefx/commits/master?author=dagood@microsoft.com>)

\* [Deepak Shankargouda (31)](<https://github.com/dotnet/corefx/commits/master?author=deshank@microsoft.com>)

\* [Jeremy Kuhne (30)](<https://github.com/dotnet/corefx/commits/master?author=jeremy.kuhne@microsoft.com>)

\* [vsadov (27)](<https://github.com/dotnet/corefx/commits/master?author=vsadov@microsoft.com>)

\* [Alex Ghiondea (26)](<https://github.com/dotnet/corefx/commits/master?author=ghiondea.alexandru@microsoft.com>)

\* [Hemanth Kapila (24)](<https://github.com/dotnet/corefx/commits/master?author=saihemanth@gmail.com>)

\* [Immo Landwerth (24)](<https://github.com/dotnet/corefx/commits/master?author=immol@microsoft.com>)

\* [Mariana Rios Flores (23)](<https://github.com/dotnet/corefx/commits/master?author=mariari@microsoft.com>)

\* [Shin Mao (20)](<https://github.com/dotnet/corefx/commits/master?author=shmao@microsoft.com>)

\* [Jan Kotas (19)](<https://github.com/dotnet/corefx/commits/master?author=jkotas@microsoft.com>)

\* [Kamil Rytarowski (19)](<https://github.com/dotnet/corefx/commits/master?author=n54@gmx.com>)

\* [Bruce Bowyer-Smyth (18)](<https://github.com/dotnet/corefx/commits/master?author=bbowyersmyth@live.com.au>)

\* [Shruti Garg (18)](<https://github.com/dotnet/corefx/commits/master?author=shgarg@microsoft.com>)

\* [Steve Harter (18)](<https://github.com/dotnet/corefx/commits/master?author=sharter@microsoft.com>)

\* [Venkatraman Mahalingam (18)](<https://github.com/dotnet/corefx/commits/master?author=vemaha@microsoft.com>)

\* [Julien Couvreur (17)](<https://github.com/dotnet/corefx/commits/master?author=julien.couvreur@gmail.com>)

\* [Matt Johnson (17)](<https://github.com/dotnet/corefx/commits/master?author=matt.johnson@microsoft.com>)

\* [Rajan Singh (17)](<https://github.com/dotnet/corefx/commits/master?author=rajansin@microsoft.com>)

\*

[Sam Harwell (17)](<https://github.com/dotnet/corefx/commits/master?author=sam@tunnelvisionlabs.com>)

\* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@microsoft.com>)

\* [MarkPflug (16)](<https://github.com/dotnet/corefx/commits/master?author=mark.pflug@live.com>)

\* [Sridhar Periyasamy (15)](<https://github.com/dotnet/corefx/commits/master?author=sridhper@microsoft.com>)

\* [kkurni (14)](<https://github.com/dotnet/corefx/commits/master?author=kkurni@microsoft.com>)

\* [Jeremy Kuhne (13)](<https://github.com/dotnet/corefx/commits/master?author=jkuhne@microsoft.com>)

\* [Nate Slottow (13)](<https://github.com/dotnet/corefx/commits/master?author=naslotto@microsoft.com>)

\* [Pat Gavlin (13)](<https://github.com/dotnet/corefx/commits/master?author=pagavlin@microsoft.com>)

\* [Patrick McDonald (13)](<https://github.com/dotnet/corefx/commits/master?author=paddymcdonald@gmail.com>)

\* [Tom Matouek (13)](<https://github.com/dotnet/corefx/commits/master?author=tmat@users.noreply.github.com>)

\*

[Vijay Kota (13)](<https://github.com/dotnet/corefx/commits/master?author=vijayko@microsoft.com>)

\* [Axel Heer (12)](<https://github.com/dotnet/corefx/commits/master?author=axel@heer.eu>)

\* [Eric Eilebrecht (12)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@users.noreply.github.com>)

\* [Jared Parsons (12)](<https://github.com/dotnet/corefx/commits/master?author=jaredpar@microsoft.com>)

\* [Lakshmi Priya (12)](<https://github.com/dotnet/corefx/commits/master?author=Priya91@users.noreply.github.com>)

\* [Alfredo Menendez Sancho (11)](<https://github.com/dotnet/corefx/commits/master?author=alfremen@microsoft.com>)

\* [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/corefx/commits/master?author=contact@wmf2wpf.com>)

\* [David Fowler (11)](<https://github.com/dotnet/corefx/commits/master?author=davidfowl@gmail.com>)

\* [James Ko (11)](<https://github.com/dotnet/corefx/commits/master?author=kojames8111@gmail.com>)

\* [Jan Henke (11)](<https://github.com/dotnet/corefx/commits/master?author=Jan.Henke@tau.jhe.de>)

\*

[Koundinya Veluri (11)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@microsoft.com>)

\* [Matt Galbraith (11)](<https://github.com/dotnet/corefx/commits/master?author=MattGal@users.noreply.github.com>)

\* [Nate Amundson (11)](<https://github.com/dotnet/corefx/commits/master?author=naamunds@microsoft.com>)

\* [Peter Marcu (11)](<https://github.com/dotnet/corefx/commits/master?author=Peter.Marcu@Microsoft.com>)

\* [SGuy Ge (11)](<https://github.com/dotnet/corefx/commits/master?author=sguyge@microsoft.com>)

\* [Thomas Stringer (11)](<https://github.com/dotnet/corefx/commits/master?author=tr.stringer@outlook.com>)

\* [Vancem (11)](<https://github.com/dotnet/corefx/commits/master?author=VanceMorrison@comcast.net>)

\* [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/master?author=gkhanna@microsoft.com>)

\* [ikopylov (10)](<https://github.com/dotnet/corefx/commits/master?author=ikopylov@users.noreply.github.com>)

\* [Richard Lander (10)](<https://github.com/dotnet/corefx/commits/master?author=rlander@microsoft.com>)

\*

[\_aLfa\_ (9)](<https://github.com/dotnet/corefx/commits/master?author=mail@joaodias.eu>)

\* [Dmitry-Me (9)](<https://github.com/dotnet/corefx/commits/master?author=wipedout@yandex.ru>)

\* [Guillermo Rangel (9)](<https://github.com/dotnet/corefx/commits/master?author=josra@microsoft.com>)

\* [Matt Mitchell (9)](<https://github.com/dotnet/corefx/commits/master?author=matchell@outlook.com>)

\* [Wes Haggard (9)](<https://github.com/dotnet/corefx/commits/master?author=weshaggard@users.noreply.github.com>)

\* [David Kean (8)](<https://github.com/dotnet/corefx/commits/master?author=davkean@microsoft.com>)

\* [Frank M (8)](<https://github.com/dotnet/corefx/commits/master?author=frankmand@outlook.com>)

\* [Saurabh Singh (8)](<https://github.com/dotnet/corefx/commits/master?author=sausing@microsoft.com>)

\* [Dan Moseley (7)](<https://github.com/dotnet/corefx/commits/master?author=danmose@microsoft.com>)

\* [Josh Free (7)](<https://github.com/dotnet/corefx/commits/master?author=joshfree@users.noreply.github.com>)

\*

[Matt Galbraith (7)](<https://github.com/dotnet/corefx/commits/master?author=mattgal@microsoft.com>)

\* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/master?author=gs Vick@gmail.com>)

\* [richamsft (7)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

\* [Ben Bader (6)](<https://github.com/dotnet/corefx/commits/master?author=ben@bendb.com>)

\* [bjjones (6)](<https://github.com/dotnet/corefx/commits/master?author=brandon1.jones@intel.com>)

\* [David Mason (6)](<https://github.com/dotnet/corefx/commits/master?author=davmason@microsoft.com>)

\* [Geunsik Lim (6)](<https://github.com/dotnet/corefx/commits/master?author=geunsik.lim@samsung.com>)

\* [Marc Wrth (6)](<https://github.com/dotnet/corefx/commits/master?author=ravage@bluewin.ch>)

\* [Parker Shelton (6)](<https://github.com/dotnet/corefx/commits/master?author=parker.shelton@gmail.com>)

\* [sepedehMS (6)](<https://github.com/dotnet/corefx/commits/master?author=sekho@microsoft.com>)

\*

[Bernie Schoch (5)](<https://github.com/dotnet/corefx/commits/master?author=bpschoch@gmail.com>)

\* [Eric Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@microsoft.com>)

\* [Hannah Zhang (5)](<https://github.com/dotnet/corefx/commits/master?author=t-hazhan@microsoft.com>)

\* [Ioana Crant (5)](<https://github.com/dotnet/corefx/commits/master?author=ioana.crant@gmail.com>)

\* [Jostein Kjnigsen (5)](<https://github.com/dotnet/corefx/commits/master?author=jostein@kjonigsen.net>)

\* [Karthik Rajasekaran (5)](<https://github.com/dotnet/corefx/commits/master?author=karajas@microsoft.com>)

\* [Matt Connew (5)](<https://github.com/dotnet/corefx/commits/master?author=mconnew@microsoft.com>)

\* [Omari Omarov (5)](<https://github.com/dotnet/corefx/commits/master?author=omario@outlook.com>)

\* [Oren Novotny (5)](<https://github.com/dotnet/corefx/commits/master?author=oren@novotny.org>)

\* [Shaun Wilde (5)]([https://github.com/dotnet/corefx/commits/master?author=shaun\\_wilde@hotmail.com](https://github.com/dotnet/corefx/commits/master?author=shaun_wilde@hotmail.com))

\*

[Wes Haggard (5)](<https://github.com/dotnet/corefx/commits/master?author=wesh@microsoft.com>)

\* [Alexander Kozlenko (4)](<https://github.com/dotnet/corefx/commits/master?author=alexander.kozlenko@live.com>)

\* [Andrew Arnott (4)](<https://github.com/dotnet/corefx/commits/master?author=andrewarnott@gmail.com>)

\* [Chad Nedzlek (4)](<https://github.com/dotnet/corefx/commits/master?author=chadnedz@microsoft.com>)

\* [Eric White (4)](<https://github.com/dotnet/corefx/commits/master?author=eric@ericwhite.com>)

\* [John Bottenberg (4)](<https://github.com/dotnet/corefx/commits/master?author=jobotten@microsoft.com>)

\* [Kevin Jones (4)](<https://github.com/dotnet/corefx/commits/master?author=kevin@vcsjones.com>)

\* [Kwang Yul Seo (4)](<https://github.com/dotnet/corefx/commits/master?author=kwangyul.seo@gmail.com>)

\* [Manu (4)](<https://github.com/dotnet/corefx/commits/master?author=manu-silicon@users.noreply.github.com>)

\* [Page-Not-Found (4)](<https://github.com/dotnet/corefx/commits/master?author=siren6029@gmail.com>)

\*

[Pavel Labovich (4)](<https://github.com/dotnet/corefx/commits/master?author=p.labovich@gmail.com>)

\* [Rafid K. Abdullah (4)](<https://github.com/dotnet/corefx/commits/master?author=rafidka@gmail.com>)

\* [rozm (4)](<https://github.com/dotnet/corefx/commits/master?author=rozm@ciklum.com>)

\* [scorpion (4)](<https://github.com/dotnet/corefx/commits/master?author=scorpion.jze@gmail.com>)

\* [Stephen Bonikowsky (4)](<https://github.com/dotnet/corefx/commits/master?author=stebon@microsoft.com>)

\* [Vijay Kota (4)](<https://github.com/dotnet/corefx/commits/master?author=vijaykota@users.noreply.github.com>)

\* [Ying Peng (4)](<https://github.com/dotnet/corefx/commits/master?author=YingP@microsoft.com>)

\* [Zlatko Knezevic (4)](<https://github.com/dotnet/corefx/commits/master?author=zlakne@microsoft.com>)

\* [Aleksey Tsingauz (3)](<https://github.com/dotnet/corefx/commits/master?author=alekseyt@microsoft.com>)

\* [Alex Perovich (3)](<https://github.com/dotnet/corefx/commits/master?author=alperovi@microsoft.com>)

\*

[Alexander Vostres (3)](<https://github.com/dotnet/corefx/commits/master?author=alexx999@gmail.com>)

\* [Alexandr Nikitin (3)](<https://github.com/dotnet/corefx/commits/master?author=nikitin.alexandr.a@gmail.com>)

\* [Amy Qiu (3)](<https://github.com/dotnet/corefx/commits/master?author=umberos@gmail.com>)

\* [Andrey Akinshin (3)](<https://github.com/dotnet/corefx/commits/master?author=andrey.akinshin@gmail.com>)

\* [Bar Arnon (3)](<https://github.com/dotnet/corefx/commits/master?author=I3arnon@gmail.com>)

\* [Brian Robbins (3)](<https://github.com/dotnet/corefx/commits/master?author=brianrob@microsoft.com>)

\* [Cory Nelson (3)](<https://github.com/dotnet/corefx/commits/master?author=cnelson@ctlglobalsolutions.com>)

\* [Dmitry Kakurin (3)](<https://github.com/dotnet/corefx/commits/master?author=dmitryk@microsoft.com>)

\* [Gaurav Khanna (CLR) (3)](<https://github.com/dotnet/corefx/commits/master?author=gaurav.khanna@microsoft.com>)

\* [Geoffrey Huntley (3)](<https://github.com/dotnet/corefx/commits/master?author=ghuntley@ghuntley.com>)

\*

[Hemanth Kapila (3)](<https://github.com/dotnet/corefx/commits/master?author=skapila@microsoft.com>)

\* [John Cunningham (3)](<https://github.com/dotnet/corefx/commits/master?author=jac009@outlook.com>)

\* [Josh Free (3)](<https://github.com/dotnet/corefx/commits/master?author=jfree@microsoft.com>)

\* [Mike McLaughlin (3)](<https://github.com/dotnet/corefx/commits/master?author=mikem@microsoft.com>)

\* [Nadia (3)](<https://github.com/dotnet/corefx/commits/master?author=natkach@microsoft.com>)

\* [Ron Cain (3)](<https://github.com/dotnet/corefx/commits/master?author=roncain@microsoft.com>)

\* [Tomas Matousek (3)](<https://github.com/dotnet/corefx/commits/master?author=tomat@microsoft.com>)

\* [Ufuk Hacıoğlu (3)](<https://github.com/dotnet/corefx/commits/master?author=ufukhaciogullari@gmail.com>)

\* [William Godbe (3)](<https://github.com/dotnet/corefx/commits/master?author=william.godbe@comcast.net>)

\* [Alex Sorokoletov (2)](<https://github.com/dotnet/corefx/commits/master?author=alex@dreamteam-mobile.com>)

\*

[Alexander Speshilov (2)](<https://github.com/dotnet/corefx/commits/master?author=speshuric@gmail.com>)

\* [Andrew Au (2)](<https://github.com/dotnet/corefx/commits/master?author=andrewau@microsoft.com>)

\* [Ankit Sinha (2)](<https://github.com/dotnet/corefx/commits/master?author=ankitbko@gmail.com>)

\* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/master?author=AustinWise@gmail.com>)

\* [Ben Adams (2)](<https://github.com/dotnet/corefx/commits/master?author=thundercat@illyriad.co.uk>)

\* [Ben Pye (2)](<https://github.com/dotnet/corefx/commits/master?author=ben@curlybracket.co.uk>)

\* [Cristian Pop (2)](<https://github.com/dotnet/corefx/commits/master?author=CIPop@users.noreply.github.com>)

\* [David Guyonvarch (2)](<https://github.com/dotnet/corefx/commits/master?author=guyonvarch.david@gmail.com>)

\* [Dmitri Botcharnikov (2)](<https://github.com/dotnet/corefx/commits/master?author=dmitry.b@samsung.com>)

\* [Eric Erhardt (2)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@Eric-MacBook-Pro.local>)

\*

[Gregg Miskelly (2)](<https://github.com/dotnet/corefx/commits/master?author=greggm@microsoft.com>)

\* [jbe2277 (2)](<https://github.com/dotnet/corefx/commits/master?author=jbe2277@users.noreply.github.com>)

\* [Jeff Handley (2)](<https://github.com/dotnet/corefx/commits/master?author=jeffhandley@users.noreply.github.com>)

\* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/master?author=jy910.yun@samsung.com>)

\* [Joe Tremblay (2)](<https://github.com/dotnet/corefx/commits/master?author=jos.trem@gmail.com>)

\* [kapilash (2)](<https://github.com/dotnet/corefx/commits/master?author=kapilash@outlook.com>)

\* [Kasey Uhlenhuth (2)](<https://github.com/dotnet/corefx/commits/master?author=kaseyu@microsoft.com>)

\* [Kristian Hellang (2)](<https://github.com/dotnet/corefx/commits/master?author=kristian@hellang.com>)

\* [lajones (2)](<https://github.com/dotnet/corefx/commits/master?author=lajones@microsoft.com>)

\* [Lee Coward (2)](<https://github.com/dotnet/corefx/commits/master?author=leecow@microsoft.com>)

\*

[leppie (2)](<https://github.com/dotnet/corefx/commits/master?author=xacc.ide@gmail.com>)

\* [loulun (2)](<https://github.com/dotnet/corefx/commits/master?author=loulun@hotmail.com>)

\* [Maksym Rozborskyi (2)](<https://github.com/dotnet/corefx/commits/master?author=hexelium@gmail.com>)

\* [Marcin Juraszek (2)](<https://github.com/dotnet/corefx/commits/master?author=mail@marcinjuraszek.com>)

\* [Nate McMaster (2)](<https://github.com/dotnet/corefx/commits/master?author=nate.mcmaster@microsoft.com>)

\* [Patrik Svensson (2)](<https://github.com/dotnet/corefx/commits/master?author=patrik@patriksvensson.se>)

\* [Peter Marcu (2)](<https://github.com/dotnet/corefx/commits/master?author=pmarcu@microsoft.com>)

\* [ProgramFOX (2)](<https://github.com/dotnet/corefx/commits/master?author=programfox@hotmail.be>)

\* [Rainer Sigwald (2)](<https://github.com/dotnet/corefx/commits/master?author=raines@microsoft.com>)

\* [Richa Verma (2)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

\*

[Sedar Gokbulut (2)](<https://github.com/dotnet/corefx/commits/master?author=sedarg@microsoft.com>)

\* [Steve Harter (2)](<https://github.com/dotnet/corefx/commits/master?author=steveharter@users.noreply.github.com>)

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

\* [Toni Petrina (2)](<https://github.com/dotnet/corefx/commits/master?author=tpetrina@tpetrina.com>)

\* [Trent Raymond (2)](<https://github.com/dotnet/corefx/commits/master?author=roydukkey@gmail.com>)

\* [Abdurrahman Kken (1)](<https://github.com/dotnet/corefx/commits/master?author=akoken@outlook.com>)

\* [Adam Ralph (1)](<https://github.com/dotnet/corefx/commits/master?author=adam@adamralph.com>)

\* [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/master?author=adityam@microsoft.com>)

\* [Alcaro (1)](<https://github.com/dotnet/corefx/commits/master?author=Alcaro@users.noreply.github.com>)

\* [Alex (1)](<https://github.com/dotnet/corefx/commits/master?author=alexbruceharley@gmail.com>)

\*

[Alex Recker (1)](<https://github.com/dotnet/corefx/commits/master?author=alex@reckerfamily.com>)

\* [Alfred White (1)](<https://github.com/dotnet/corefx/commits/master?author=AlgorithmsAreCool@gmail.com>)

\* [Alicia Li (1)](<https://github.com/dotnet/corefx/commits/master?author=Alicial@Microsoft.com>)

\* [andi9310 (1)](<https://github.com/dotnet/corefx/commits/master?author=andrzej.podgorski@hotmail.com>)

\* [Andrea Martinelli (1)](<https://github.com/dotnet/corefx/commits/master?author=antiufo@gmail.com>)

\* [Andrew (1)](<https://github.com/dotnet/corefx/commits/master?author=andrewshirokoff@gmail.com>)

\* [Andrew Arnott (1)](<https://github.com/dotnet/corefx/commits/master?author=andrew.arnott@microsoft.com>)

\* [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/master?author=anpete@microsoft.com>)

\* [Andrew Schwartzmeyer  
(1)](<https://github.com/dotnet/corefx/commits/master?author=andschwa@microsoft.com>)

\* [Anubhav Saini (1)](<https://github.com/dotnet/corefx/commits/master?author=IAmAnubhavSaini@GMail.com>)

\*

[Arkady Shapkin (1)]([https://github.com/dotnet/corefx/commits/master?author=arkadiy\\_s@inbox.ru](https://github.com/dotnet/corefx/commits/master?author=arkadiy_s@inbox.ru))

\* [Ashley Mannix (1)](<https://github.com/dotnet/corefx/commits/master?author=admin@kodr.com.au>)

\* [Ben Bader (1)](<https://github.com/dotnet/corefx/commits/master?author=ben@getkeepsafe.com>)

\* [Ben Gribaudo (1)](<https://github.com/dotnet/corefx/commits/master?author=me@bengribaudo.com>)

\* [Benjamin Hodgson  
(1)](<https://github.com/dotnet/corefx/commits/master?author=benjamin.hodgson@huddle.com>)

\* [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/master?author=billwert@microsoft.com>)

\* [Blanche (1)](<https://github.com/dotnet/corefx/commits/master?author=blanche012006@yahoo.ca>)

\* [BrennanConroy (1)](<https://github.com/dotnet/corefx/commits/master?author=brecon@microsoft.com>)

\* [briangru (1)](<https://github.com/dotnet/corefx/commits/master?author=grunk@live.com>)

\* [Chamila Chulatunga  
(1)](<https://github.com/dotnet/corefx/commits/master?author=chamila.chulatunga@gmail.com>)

\*

[Chris Bohm (1)](<https://github.com/dotnet/corefx/commits/master?author=chrisboh@microsoft.com>)

\* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/master?author=crummel@microsoft.com>)

\* [Daniel Paoliello (1)](<https://github.com/dotnet/corefx/commits/master?author=daniel@meta-sys.info>)

\* [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/master?author=daplaist@microsoft.com>)

\* [Daniel Trebbien (1)](<https://github.com/dotnet/corefx/commits/master?author=dtrebbien@gmail.com>)

\* [David Zucker (1)](<https://github.com/dotnet/corefx/commits/master?author=davzucky@hotmail.com>)

\* [Dimitar Dimitrov (1)](<https://github.com/dotnet/corefx/commits/master?author=dimitrov2k@gmail.com>)

\* [Dmitry Vakylenko (1)](<https://github.com/dotnet/corefx/commits/master?author=kremdima@mail.ru>)

\* [DmitryGaravsky (1)](<https://github.com/dotnet/corefx/commits/master?author=garavskydmitry@gmail.com>)

\* [Dominic Catherin (1)](<https://github.com/dotnet/corefx/commits/master?author=dominic.catherin@gmail.com>)

\*

[Edward Kim (1)](<https://github.com/dotnet/corefx/commits/master?author=onward.edkim@gmail.com>)

\* [Eldar Dordzhiev  
(1)](<https://github.com/dotnet/corefx/commits/master?author=eadordzhiev@users.noreply.github.com>)

\* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eldardordzhiev@gmail.com>)

\* [Eli Arbel (1)](<https://github.com/dotnet/corefx/commits/master?author=aelij@arbel.net>)

\* [Eric White (1)](<https://github.com/dotnet/corefx/commits/master?author=v-ericwh@microsoft.com>)

\* [Erik Schierboom (1)]([https://github.com/dotnet/corefx/commits/master?author=erik\\_schierboom@hotmail.com](https://github.com/dotnet/corefx/commits/master?author=erik_schierboom@hotmail.com))

\* [Erwin Janssen (1)](<https://github.com/dotnet/corefx/commits/master?author=erwinjanssen@outlook.com>)

\* [Gabriel (1)](<https://github.com/dotnet/corefx/commits/master?author=developer.gabriel@gmail.com>)

\* [Gareth Thomas (1)](<https://github.com/dotnet/corefx/commits/master?author=gareth.thomas@cdsm.co.uk>)

\* [Gerald Scott Freeman  
(1)](<https://github.com/dotnet/corefx/commits/master?author=gsfreema@gmail.com>)

\* [Gerjan (1)](<https://github.com/dotnet/corefx/commits/master?author=gkonterman@gmail.com>)

\* [Gert Driesen (1)](<https://github.com/dotnet/corefx/commits/master?author=gert.driesen@telenet.be>)

- \* [Geunsik Lim (1)](<https://github.com/dotnet/corefx/commits/master?author=geunsik@samsung.com>)
- \* [Giorgi Dalakishvili (1)](<https://github.com/dotnet/corefx/commits/master?author=mcnamaragio@gmail.com>)
- \* [Gopal Adhikari (1)](<https://github.com/dotnet/corefx/commits/master?author=gopala@email.arizona.edu>)
- \* [Govert van Drimmelen (1)](<https://github.com/dotnet/corefx/commits/master?author=govert@icon.co.za>)
- \* [Govind Sahai (1)](<https://github.com/dotnet/corefx/commits/master?author=gsiitbhu@gmail.com>)
- \* [Grzegorz Roniecki (1)](<https://github.com/dotnet/corefx/commits/master?author=xaerxess@gmail.com>)
- \* [Guclu Ozturk (1)](<https://github.com/dotnet/corefx/commits/master?author=gucluozturk@gmail.com>)
- \* [Ilya Biryukov (1)](<https://github.com/dotnet/corefx/commits/master?author=ilbiryuk@microsoft.com>)
- \* [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/master?author=immo@landwerth.net>)
- \* [jacobcarpenter (1)](<https://github.com/dotnet/corefx/commits/master?author=github@jacobcarpenter.com>)
- \* [Jake Petroules (1)](<https://github.com/dotnet/corefx/commits/master?author=jake.petroules@petroules.com>)
- \* [Jarret Shook (1)]([https://github.com/dotnet/corefx/commits/master?author=jarret\\_shook@outlook.com](https://github.com/dotnet/corefx/commits/master?author=jarret_shook@outlook.com))
- \* [jashook (1)](<https://github.com/dotnet/corefx/commits/master?author=jashoo@microsoft.com>)
- \* [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/master?author=jasonpang@outlook.com>)
- \* [jasonwoods-7 (1)](<https://github.com/dotnet/corefx/commits/master?author=jwoods@appliedsystems.com>)
- \* [Jb Evain (1)](<https://github.com/dotnet/corefx/commits/master?author=jb@evain.net>)
- \* [jbuisson (1)](<https://github.com/dotnet/corefx/commits/master?author=jbuisson@octo.com>)
- \* [Jeff Foster (1)](<https://github.com/dotnet/corefx/commits/master?author=jeff.foster@acm.org>)
- \*
- [Jeremy Barton (1)](<https://github.com/dotnet/corefx/commits/master?author=bartonjs@jsb-mac.local>)
- \* [Joe Tremblay (1)](<https://github.com/dotnet/corefx/commits/master?author=joe.tremblay@ncr.com>)
- \* [John Bentley (1)](<https://github.com/dotnet/corefx/commits/master?author=john@johnbentley.ninja>)
- \* [John Chen (CLR) (1)](<https://github.com/dotnet/corefx/commits/master?author=jochen@microsoft.com>)
- \* [Jon Miller (1)](<https://github.com/dotnet/corefx/commits/master?author=sokket@outlook.com>)
- \* [Jonathon Rossi (1)](<https://github.com/dotnet/corefx/commits/master?author=jono@jonorossi.com>)
- \* [Jorgen Thelin (1)](<https://github.com/dotnet/corefx/commits/master?author=jthelin@microsoft.com>)
- \* [Joseph Lennox (1)](<https://github.com/dotnet/corefx/commits/master?author=jlennox@gmail.com>)
- \* [Joseph Woodward (1)](<https://github.com/dotnet/corefx/commits/master?author=josephwoodward@xeuse.com>)
- \* [Kamran Ayub (1)](<https://github.com/dotnet/corefx/commits/master?author=kamran.ayub@gmail.com>)
- \*
- [Kevin David (1)](<https://github.com/dotnet/corefx/commits/master?author=kevin.david@microsoft.com>)
- \* [Kevin Pilch-Bisson (1)](<https://github.com/dotnet/corefx/commits/master?author=me@pilchie.com>)
- \* [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@users.noreply.github.com>)
- \* [Lukasz Wolanin (1)](<https://github.com/dotnet/corefx/commits/master?author=lukasz.wolanin@pracuj.pl>)
- \* [Maira Wenzel (1)](<https://github.com/dotnet/corefx/commits/master?author=mairaw@users.noreply.github.com>)
- \* [Marc Gravell (1)](<https://github.com/dotnet/corefx/commits/master?author=marc.gravell@gmail.com>)
- \* [Marek (1)](<https://github.com/dotnet/corefx/commits/master?author=GitHub@marekfiser.cz>)
- \* [Mark Hurd (1)](<https://github.com/dotnet/corefx/commits/master?author=markehurd@gmail.com>)
- \* [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/master?author=fubar-coder@users.noreply.github.com>)
- \* [martincostello (1)](<https://github.com/dotnet/corefx/commits/master?author=martin@martincostello.com>)
- \*
- [Matthew Whilden (1)](<https://github.com/dotnet/corefx/commits/master?author=mwhilden@microsoft.com>)
- \* [Michael Aird (1)](<https://github.com/dotnet/corefx/commits/master?author=michael.aird@gmail.com>)
- \* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/master?author=michals@microsoft.com>)
- \* [Miguel de Icaza (1)](<https://github.com/dotnet/corefx/commits/master?author=miguel@gnome.org>)

\* [mihailik (1)](<https://github.com/dotnet/corefx/commits/master?author=mihailik@gmail.com>)  
 \* [Mike Popoloski (1)](<https://github.com/dotnet/corefx/commits/master?author=mike@popoloski.com>)  
 \* [Mike Rousos (1)](<https://github.com/dotnet/corefx/commits/master?author=MikeRou@Microsoft.com>)  
 \* [Mircea Trofin (1)](<https://github.com/dotnet/corefx/commits/master?author=mirceat@microsoft.com>)  
 \* [mirhagk (1)](<https://github.com/dotnet/corefx/commits/master?author=mirhagk@gmail.com>)  
 \* [mkborg (1)](<https://github.com/dotnet/corefx/commits/master?author=mkborg@users.noreply.github.com>)  
 \*  
 [moozyk (1)](<https://github.com/dotnet/corefx/commits/master?author=pawelka@microsoft.com>)  
 \* [Mort Yao (1)](<https://github.com/dotnet/corefx/commits/master?author=mort.yao@gmail.com>)  
 \* [MyungJoo Ham (1)](<https://github.com/dotnet/corefx/commits/master?author=myungjoo.ham@samsung.com>)  
 \* [nbilling (1)](<https://github.com/dotnet/corefx/commits/master?author=nbilling@microsoft.com>)  
 \* [Noah Falk (1)](<https://github.com/dotnet/corefx/commits/master?author=noahfalk@microsoft.com>)  
 \* [Paolo G. Giarrusso (1)](<https://github.com/dotnet/corefx/commits/master?author=p.giarrusso@gmail.com>)  
 \* [Peter Blazejewicz (1)](<https://github.com/dotnet/corefx/commits/master?author=peter.blazejewicz@gmail.com>)  
 \* [Peter Monks (1)](<https://github.com/dotnet/corefx/commits/master?author=pjmonks@gmail.com>)  
 \* [Petermarcu (1)](<https://github.com/dotnet/corefx/commits/master?author=Petermarcu@hotmail.com>)  
 \* [Pierre Arnaud (1)](<https://github.com/dotnet/corefx/commits/master?author=arnaud@epsitec.ch>)  
 \*  
 [Prajwal A N (1)](<https://github.com/dotnet/corefx/commits/master?author=an.prajwal@samsung.com>)  
 \* [Rahul Kotecha (1)](<https://github.com/dotnet/corefx/commits/master?author=rahul.kotecha@microsoft.com>)  
 \* [Rama Krishnan Raghupathy  
 (1)](<https://github.com/dotnet/corefx/commits/master?author=ramarag@microsoft.com>)  
 \* [rcabr (1)](<https://github.com/dotnet/corefx/commits/master?author=github@reubencabrera.com>)  
 \* [Russell Gray (1)](<https://github.com/dotnet/corefx/commits/master?author=russgray@gmail.com>)  
 \* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/master?author=saehe.park@samsung.com>)  
 \* [Shawn Hargreaves (1)](<https://github.com/dotnet/corefx/commits/master?author=shawnhar@microsoft.com>)  
 \* [Shay Rojansky (1)](<https://github.com/dotnet/corefx/commits/master?author=roji@roji.org>)  
 \* [Simon Timms (1)](<https://github.com/dotnet/corefx/commits/master?author=stimms@gmail.com>)  
 \* [Steven Engelhardt (1)](<https://github.com/dotnet/corefx/commits/master?author=sengelha@gmail.com>)  
 \*  
 [stukselbax (1)](<https://github.com/dotnet/corefx/commits/master?author=stukselbax@gmail.com>)  
 \* [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/master?author=sjlee@mail.com>)  
 \* [SunnyWar (1)](<https://github.com/dotnet/corefx/commits/master?author=itsallthesametome@hotmail.com>)  
 \* [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/master?author=tagoo@microsoft.com>)  
 \* [Taylor Southwick (1)](<https://github.com/dotnet/corefx/commits/master?author=twsouthwick@outlook.com>)  
 \* [theCrispy (1)](<https://github.com/dotnet/corefx/commits/master?author=chr.steinert@outlook.com>)  
 \* [Tijoy Tom Kalathiparambil  
 (1)](<https://github.com/dotnet/corefx/commits/master?author=tijoytk@microsoft.com>)  
 \* [Tom Deseyn (1)](<https://github.com/dotnet/corefx/commits/master?author=tom.deseyn@gmail.com>)  
 \* [tymlipari (1)](<https://github.com/dotnet/corefx/commits/master?author=tym@tymlipari.com>)  
 \* [Ujjwol Lamichhane  
 (1)](<https://github.com/dotnet/corefx/commits/master?author=ujjwollamichhane@gmail.com>)  
 \*  
 [vecode (1)](<https://github.com/dotnet/corefx/commits/master?author=marvindanker@gmail.com>)  
 \* [Vlad Riscutia (1)](<https://github.com/dotnet/corefx/commits/master?author=vladris@outlook.com>)  
 \* [Wade Wegner (1)](<https://github.com/dotnet/corefx/commits/master?author=wade.wegner@gmail.com>)  
 \* [yfakariya (1)](<https://github.com/dotnet/corefx/commits/master?author=yfakariya@gmail.com>)

## ## Core Tools

- \* [Bryan Thornbury (304)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=brthor@microsoft.com>)
- \* [Sridhar Periyasamy (210)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=sridhper@microsoft.com>)
- \* [Eric Erhardt (196)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com>)
- \* [David Fowler (164)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=davidfowl@gmail.com>)
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- \* [Ajay Bhargav Baaskaran (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajbaaska@microsoft.com>)
- \* [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=chucks@microsoft.com>)
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- \* [Jared Parsons (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpparsons@gmail.com>)
- \* [Justin Emgarten (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=justin@emgarten.com>)
- \* [Nate Amundson (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=naamunds@microsoft.com>)
- \* [Rohit Agrawal (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ragrawal@microsoft.com>)
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- [Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=adityam@microsoft.com>)
- \* [Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=billwert@microsoft.com>)
- \* [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=dpodder@gmail.com>)
- \* [dasMulli (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=martin.andreas.ullrich@gmail.com>)
- \* [James Ko (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jamesqko@gmail.com>)
- \* [Jared Parsons (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpar@microsoft.com>)
- \* [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jeremy.ymeng@gmail.com>)
- \* [Joel Verhagen (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jver@microsoft.com>)
- \* [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kevin@vcsjones.com>)
- \* [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=lee.ryan.campbell@gmail.com>)
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- \* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nimullen@microsoft.com>)
- \* [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=office@schneider-netservices.com>)
- \* [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rajesh.kakadia@gmail.com>)
- \* [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=victor.hurdugaci@microsoft.com>)
- \* [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajaybhargavb@gmail.com>)
- \* [Aleksandar Milicevic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=almili@microsoft.com>)
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- \* [Bart Koelman (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)
- \* [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=thundercat@illyriad.co.uk>)
- \* [blackdwarf (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=blackdwarf@msforge.net>)
- \* [Brian Robbins (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=brianrob@microsoft.com>)
- \* [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bricelam@microsoft.com>)
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- \* [Damian Edwards (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=damian@damianedwards.com>)
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- \* [Eric Erhardt (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eerhardt@Eric-MacBook-Pro.local>)
- \* [Erik Schierboom (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0?author=erik\\_schierboom@hotmail.com](https://github.com/dotnet/cli/commits/rel/1.0.0?author=erik_schierboom@hotmail.com))
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- \* [Jan Vorlicek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=janvorli@microsoft.com>)
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- \* [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jean-thierry.kechichian@wanadoo.fr>)
- \* [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=cH40z-Lord@outlook.com>)
- \* [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kyulee@microsoft.com>)
- \* [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Priya91@users.noreply.github.com>)
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- \* [Nate McMaster (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nate.mcmaster@microsoft.com>)
- \* [nattress (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=simon@microsoft.com>)
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- \* [stephentoub (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=stoub@microsoft.com>)
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- \* [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=zhili128@outlook.com>)

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- \* [Beth Massi (28)](<https://github.com/dotnet/core-docs/commits/master?author=bethma@microsoft.com>)
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bigun.redmond.corp.microsoft.com)

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- \* [Martin Volerich (2)](<https://github.com/dotnet/core-docs/commits/master?author=martin@volerich.com>)
- \* [Adam Kinney (1)](<https://github.com/dotnet/core-docs/commits/master?author=adkinn@microsoft.com>)
- \* [Adrian Flood (1)](<https://github.com/dotnet/core-docs/commits/master?author=ajf2@users.noreply.github.com>)
- \* [Alberto Monteiro (1)](<https://github.com/dotnet/core-docs/commits/master?author=alberto.monteiro@live.com>)
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- \* [danroth27 (1)](<https://github.com/dotnet/core-docs/commits/master?author=daroht@microsoft.com>)
- \* [David V. McKay (1)](<https://github.com/dotnet/core-docs/commits/master?author=david.v.mckay@gmail.com>)
- \* [Den Delimarsky (1)](<https://github.com/dotnet/core-docs/commits/master?author=ddelimarsky@live.com>)
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- [Doron Grinzaig (1)](<https://github.com/dotnet/core-docs/commits/master?author=grdoron@gmail.com>)
- \* [fenxu (1)](<https://github.com/dotnet/core-docs/commits/master?author=fenxu@microsoft.com>)
- \* [Giorgio Galante (1)](<https://github.com/dotnet/core-docs/commits/master?author=GiorgioG@users.noreply.github.com>)
- \* [ichengzi (1)](<https://github.com/dotnet/core-docs/commits/master?author=ichengzi@users.noreply.github.com>)
- \* [imran\_ku07 (1)]([https://github.com/dotnet/core-docs/commits/master?author=imran\\_ku07@yahoo.com](https://github.com/dotnet/core-docs/commits/master?author=imran_ku07@yahoo.com))
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- \* [Lewis Kirkaldie (1)](<https://github.com/dotnet/core-docs/commits/master?author=lewis.kirkaldie@gmail.com>)
- \* [Martin Woodward (1)](<https://github.com/dotnet/core-docs/commits/master?author=martin@dotnetfoundation.org>)

- \* [Matthew Reily (1)](<https://github.com/dotnet/core-docs/commits/master?author=me@mattreily.com>)
- \* [Nat Elkins (1)](<https://github.com/dotnet/core-docs/commits/master?author=nelkins@acaclient.com>)
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- [Nate Barbettini (1)](<https://github.com/dotnet/core-docs/commits/master?author=nathanaelb@gmail.com>)
- \* [Nate McMaster (1)](<https://github.com/dotnet/core-docs/commits/master?author=natemcmaster@users.noreply.github.com>)
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- \* [Ruben Bartelink (1)](<https://github.com/dotnet/core-docs/commits/master?author=ruben@bartelink.com>)
- \* [seandebutts (1)](<https://github.com/dotnet/core-docs/commits/master?author=seandemployment@gmail.com>)
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- \* [Ying Hua (1)](<https://github.com/dotnet/core-docs/commits/master?author=herohua@users.noreply.github.com>)
- \* [zhangmm (1)](<https://github.com/dotnet/core-docs/commits/master?author=zhangmin6105@qq.com>)

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- \* [Stephen Bonikowsky (150)](<https://github.com/dotnet/wcf/commits/master?author=stebon@microsoft.com>)
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- \* [Zhenlan Wang (16)](<https://github.com/dotnet/wcf/commits/master?author=zhenlwa@microsoft.com>)
- \* [Matt Mitchell (14)](<https://github.com/dotnet/wcf/commits/master?author=mmitche@microsoft.com>)
- \* [Davis Goodin (12)](<https://github.com/dotnet/wcf/commits/master?author=dagood@microsoft.com>)
- \* [Sajay Antony (9)](<https://github.com/dotnet/wcf/commits/master?author=sajaya@microsoft.com>)
- \* [Eric Mellino (7)](<https://github.com/dotnet/wcf/commits/master?author=erme@microsoft.com>)
- \* [Wes Haggard (7)](<https://github.com/dotnet/wcf/commits/master?author=Wes.Haggard@microsoft.com>)
- \* [Christopher Costa (6)](<https://github.com/dotnet/wcf/commits/master?author=chcosta@microsoft.com>)
- \* [dmetzgar (6)](<https://github.com/dotnet/wcf/commits/master?author=dmetzgar@microsoft.com>)
- \* [Jason Pang (5)](<https://github.com/dotnet/wcf/commits/master?author=iamjasonp@users.noreply.github.com>)
- \* [Joel Hendrix (4)](<https://github.com/dotnet/wcf/commits/master?author=jhendrix@microsoft.com>)
- \* [Matt Ellis (4)](<https://github.com/dotnet/wcf/commits/master?author=matell@microsoft.com>)
- \* [Khoa Dang (3)](<https://github.com/dotnet/wcf/commits/master?author=Khoa.Dang@microsoft.com>)
- \* [Konst Khurin (3)](<https://github.com/dotnet/wcf/commits/master?author=kkhurin@microsoft.com>)
- \* [Peter Hsu (3)](<https://github.com/dotnet/wcf/commits/master?author=shhsu@microsoft.com>)
- \* [James Ko (2)](<https://github.com/dotnet/wcf/commits/master?author=jamesqko@gmail.com>)
- \*
- [Mariana Rios Flores (2)](<https://github.com/dotnet/wcf/commits/master?author=mariari@microsoft.com>)
- \* [Nick Guerrero (2)](<https://github.com/dotnet/wcf/commits/master?author=nicholg@microsoft.com>)
- \* [Davis Goodin (1)](<https://github.com/dotnet/wcf/commits/master?author=dagood@users.noreply.github.com>)
- \* [Dmitry (1)](<https://github.com/dotnet/wcf/commits/master?author=777Eternal777@users.noreply.github.com>)
- \* [Dmitry Turin (1)](<https://github.com/dotnet/wcf/commits/master?author=turin.dmytro@gmail.com>)
- \* [Dmitry Vakylenko (1)](<https://github.com/dotnet/wcf/commits/master?author=kremdima@mail.ru>)
- \* [Dustin Metzgar (1)](<https://github.com/dotnet/wcf/commits/master?author=dmetzgar@users.noreply.github.com>)
- \* [Eric St. John (1)](<https://github.com/dotnet/wcf/commits/master?author=Eric.St.John@microsoft.com>)

```
* [Jan Kotas (1)](https://github.com/dotnet/wcf/commits/master?author=jkotas@microsoft.com)
* [Jose Perez Rodriguez (1)](https://github.com/dotnet/wcf/commits/master?author=joperezr@microsoft.com)
*
[Matt Mitchell (1)](https://github.com/dotnet/wcf/commits/master?author=matchell@outlook.com)
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)

```
- [Bryan Thornbury (403)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com)
- [Livar Cunha (303)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Eric Erhardt (273)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com)
-
[Piotr Puskiewicz (237)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com)
- [Sridhar Periyasamy (222)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com)
- [David Fowler (164)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com)
- [Andrew Stanton-Nurse (148)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net)
- [Pavel Krymets (109)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com)
- [Senthil (106)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Zlatko Knezevic (86)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com)
- [Krzysztof Wicher (74)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com)
- [Troy Dai (66)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com)
-
[Mihai Codoban (43)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com)
- [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faahmad@microsoft.com)
- [Krzysztof Wicher (29)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mordotymoja@gmail.com)
- [Matt Ellis (26)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com)
```

- [Andy Gocke (25)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=angocke@microsoft.com>)
- [Enrico Sada (22)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=enrico@sada.io>)
- [Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Justin Goshi (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jgoshi@microsoft.com>)
- [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
- 
- [eerhardt (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Eric Mellino (18)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)
- [Eric St. John (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com>)
- [Petr Onderka (15)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gsvick@gmail.com>)
- [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=danquirk@microsoft.com>)
- [Glenn Condrun (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=glenncc@microsoft.com>)
- [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=c.neumueller@gmail.com>)
- [Tanner Gooding (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@users.noreply.github.com>)
- [Richard Lander (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rlander@microsoft.com>)
- 
- [Justin Emgarten (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=justin@emgarten.com>)
- [moozyk (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pawelka@microsoft.com>)
- [Gaurav Khanna (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gkhanna@microsoft.com>)
- [Ajay Bhargav Baaskaran (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [jplebre (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jplebre@gmail.com>)
- [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@firegiant.com>)
- [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeffkl@microsoft.com>)
- 
- [MichaelSimons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Wes Haggard (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Wes.Haggard@microsoft.com>)
- [Adam Gorman (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adamgor@microsoft.com>)
- [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Peter.Marcu@Microsoft.com>)
- [Nick Guerrero (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nicholg@microsoft.com>)
- [Lakshan Fernando (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lakshanf@microsoft.com>)
- [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mmitchc@microsoft.com>)
- [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=chucks@microsoft.com>)
- 
- [dasMulli (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin.andreas.ullrich@gmail.com>)
- [cartermp (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)

- [Nate Amundson (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=naamunds@microsoft.com>)
- [Jared Parsons (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jaredpar@microsoft.com>)
- [Michael Simons (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Austin Wise (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AustinWise@gmail.com>)
- [Joel Verhagen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jver@microsoft.com>)
- [N. Taylor Mullen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nimullen@microsoft.com>)
- 
- [mendhak (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gpslogger@mendhak.com>)
- [Dennis Fricke (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=github@dennis-fricke.de>)
- [Nate McMaster (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nate.mcmaster@microsoft.com>)
- [Tomas Matousek (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tomas.matousek@microsoft.com>)
- [James Ko (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jamesqko@gmail.com>)
- [Davis Goodin (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dagood@microsoft.com>)
- [Arun Mahapatra (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=codito@users.noreply.github.com>)
- [v-masche (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-masche@DDVMASCHE492>)
- [Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adityam@microsoft.com>)
- 
- [Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Faizan2304 (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faizan2304@hotmail.com>)
- [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=frsilb@microsoft.com>)
- [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremy.ymeng@gmail.com>)
- [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kevin@vcsjones.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
- [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lee.ryan.campbell@gmail.com>)
- [Manish Jayaswal (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=manishj@microsoft.com>)
- 
- [Mike Lorbetske (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mlorbe@microsoft.com>)
- [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=office@schneider-netservices.com>)
- [Phil Henning (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phenning@microsoft.com>)
- [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rrelyea@microsoft.com>)
- [Shannon (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sdeminick@gmail.com>)
- [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=victor.hurdugaci@microsoft.com>)
- [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rajesh.kakadia@gmail.com>)
- [seancpeters (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sepeters@microsoft.com>)

- [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kyulee@microsoft.com>)
- 
- [nattress (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=simonn@microsoft.com>)
- [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremie.galarneau@gmail.com>)
- [Juergen Hoetzel (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=juergen@archlinux.org>)
- [Jostein Kjonigsen (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jostein@kjonigsen.net>)
- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@jonathans-mbp.guest.corp.microsoft.com>)
- [Noah Falk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=noahfalk@microsoft.com>)
- [Adam Baxter (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=vtagex@vtagex.org>)
- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@Jonathans-MacBook-Pro.local>)
- [Peter Jas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=necmon@yahoo.com>)
- 
- [John Van Tuyl (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jpvantuyt@gmail.com>)
- [Alex KeySmith (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AlexKeySmith@users.noreply.github.com>)
- [John Luo (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jt.luo@mail.utoronto.ca>)
- [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajaybhargavb@gmail.com>)
- [Joel Hendrix (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jhendrix@microsoft.com>)
- [Jan Vorlicek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=janvorli@microsoft.com>)
- [Jan Kotas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jkotas@microsoft.com>)
- [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=hk0110.choi@samsung.com>)
- [Geoff Norton (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=grompf@gmail.com>)
- 
- [Rob Relyea (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@relyeas.net>)
- [Aleksandar Milicevic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=almili@microsoft.com>)
- [Falco (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rs38@users.noreply.github.com>)
- [Erik Schierboom (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erik\\_schierboom@hotmail.com](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>)
- [Dennis Fischer (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer\\_dennis@live.de](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer_dennis@live.de))
- [The Gitter Badger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=badger@gitter.im>)
- [David Lechner (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=david@lechnology.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dapodd@microsoft.com>)
- [Daniel Bradley (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=daniel@danielbradley.net>)



- [shahid-pk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=shahid.mrd@hotmail.com>)
- [Damian Edwards (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-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>)
- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)
- [Chris Rummel (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com>)
- [Chris R (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com>)
- [Cesar Blum Silveira (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cesars@microsoft.com>)
- [stephentoub (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=stoub@microsoft.com>)
- [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@outlook.com>)
- [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@microsoft.com>)
- [drewgil (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=drewgil@microsoft.com>)
- [Brian Robbins (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brianrob@microsoft.com>)
- 
- [factormystic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=factormystic@gmail.com>)
- [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
- [Bart Koelman (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)
- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [kloun (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrey0bolkonsky@gmail.com>)
- [kotov.a (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Alexander Kozlenko (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alexander.kozlenko@live.com>)
- [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alpaix@outlook.com>)
- [Mark Clearwater (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mclearwater@gmail.com>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=MattGal@users.noreply.github.com>)
- [Luke Elliott (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=revlucio@gmail.com>)
- [Mattias Karlsson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ch40z-Lord@outlook.com>)

# Contributions to .NET Core 2.0

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

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

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

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

## CLI

```
* [Livar Cunha (311)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puskiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
* [Eric Erhardt (159)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
*
[Mike Lorbetske (100)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [jonsequitur (77)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [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=jonsequeira@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)
*
[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)
*
[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>)
- \*
- [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>)
- \* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)
- \* [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=frsilb@microsoft.com>)
- \* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)
- \* [Karthik Rajasekaran (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=karajas@microsoft.com>)
- \* [Ken Dale (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)
- \* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nimullen@microsoft.com>)
- \* [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- \* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)
- \* [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>)

\* [Phil Henning (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=phenning@microsoft.com>)

\* [Richard Lander (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rrelyea@microsoft.com>)

\*

[Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)

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

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

\* [Zhi Li (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zhili128@outlook.com>)

\* [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)

\* [Abhitej Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)

\* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)

\* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)

\* [Michael Simons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)

\* [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitche@microsoft.com>)

\*

[Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)

\* [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=saehie.park@samsung.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)

\* [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

\* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)

\* [Alexander Kplinger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

\* [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)

\* [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com>)

\*

[Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)

\* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)

\* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)

\* [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jlrc.co.uk>)

\* [Wes Haggard (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)

\* [Alex Barney (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com>)

\* [William Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com>)

\* [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)

\*

[Zhi Li (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=lzhi@microsoft.com>)

\* [Adeel (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com>)

\* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)

- \* [Daniel Plaisted (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dsplaisted@gmail.com>)
- \* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [eerhardt (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- \* [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>)
- \* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)
- \*
- [Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)
- \* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)
- \* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)
- \* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)
- \* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)
- \* [foresterre (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com>)
- \* [Bill Wert (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=billwert@microsoft.com>)

## ## CoreCLR

- \* [Jonghyun Park (242)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
- \* [Jan Kotas (182)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \*
- [Pat Gavlin (143)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
- \* [danmosemsft (139)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [Bruce Forstall (101)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com>)
- \* [Andy Ayers (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)
- \* [wtgodbe (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
- \* [Stephen Toub (76)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)
- \* [Joseph Tremoulet (58)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)
- \* [Mike Danes (57)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)
- \* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (53)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
- \*
- [Jan Vorlicek (50)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)
- \* [Sergey Andreenko (49)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)
- \* [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com>)
- \* [Michelle McDaniel (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaida@gmail.com>)
- \* [Hyeongseok Oh (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
- \* [Gaurav Khanna (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)
- \* [Aditya Mandaleeka (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)
- \* [Koundinya Veluri (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)
- \* [Sean Gillespie (36)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)
- \*
- [Carol Eidt (35)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)
- \* [Rahul Kumar (34)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com>)
- \* [Tarek Mahmoud Sayed (33)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Justin Van Patten (32)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [Atsushi Kanamori  
(31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [Steve MacLean  
(30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Mikhail Skvortcov  
(30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com>)

\* [Mike McLaughlin (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)

\*

[Hyung-Kyu Choi  
(28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [jashook (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Drew Scoggins (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Alex Perovich (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Ben Adams (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [Brian Robbins (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Dan Moseley (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)

\*

[Jeremy Kuhne  
(22)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Frederik Carlier  
(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Brian Sullivan (20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com>)

\* [Russ Keldorph  
(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

\* [Evgeny Pavlov (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com>)

\* [Michal Strehovsk  
(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

)

\* [Pat Gavlin (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\* [William Godbe (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Swaroop Sridhar  
(15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\*

[John Chen (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Tanner Gooding (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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

\* [Hanjoung Lee (12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

\* [Ahson Ahmed Khan  
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Hyung-Kyu Choi  
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\* [ahsonkhan (12)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

\*

[Dmitry-Me (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com>)

\* [Ian Hays (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com>)

\* [Davis Goodin (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [Jim Ma (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)

\* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)

\* [Igor Kulaychuk (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

\* [Sujin Kim (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Alexander Radchenko (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

\* [Alex Ghiondea (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

\*

[ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)

\* [Eric Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com>)

\* [Faizur Rahman (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Matt Mitchell (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitch@microsoft.com>)

\* [Alexander Soldatov (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com>)

\* [Jon Hanna (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net>)

\* [Hyeongseok Oh (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Yi Zhang (CLR) (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

\* [Daniel Podder (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)

\* [Rich Lander (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Eric Erhardt (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [Jos Rivero (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Mukul Sabharwal (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

\* [SaeHie Park (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@samsung.com>)

\* [Viktor Hofer (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

\* [Wes Haggard (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [Sven Boemer (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)

\*

[John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Karel Zikmund (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

\* [Matt Warren (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk>)

\* [Peter Marcu (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Swaroop Sridhar  
(5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com>)

\* [Roman Artemev (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com>)

\* [Aditya Mandaleeka  
(5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com>)

\* [Cyd Haselton (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com>)

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

\* [Adam Sitnik (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com>)

\* [Alex Ghiondea  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Buyduck (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com>)

\* [Tanner Gooding  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

\* [LaSombra  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com>)

\* [mskvortsov (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Jiyoung Giuliana Yun (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com>)

\* [chunseoklee (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

\*

[Mandar Sahasrabuddhe  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [Maoni Stephens  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

\* [Atsushi Kanamori (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [Yongseop Kim (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com>)

\* [Eugene Rozenfeld (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com>)

\* [Felipe Fujiy Pessoto  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

\* [Ilya  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com>)

\* [Hugh Bellamy (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellars@gmail.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\*

[Eric St. John (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com>)

\* [Omar Tawfik  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

\* [Julien Couvreur  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Vance Morrison  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Sedar Gokbulut (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Sean Gillespie (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sasha Semennikov  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

\* [Santiago Fernandez Madero  
(3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safarn@microsoft.com>)



\*  
 [Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)  
 \* [Petr Onderka (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gsvick@gmail.com>)  
 \* [Peter Kukol  
 (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)  
 \* [John Bottenberg (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com>)  
 \* [Hanjoung Lee (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)  
 \* [Luis G (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lggomez@users.noreply.github.com>)  
 \* [Maoni0 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maonis@microsoft.com>)  
 \* [Michael Letterle  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)  
 \* [Fei Peng (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com>)  
 \*  
 [Fadi Hanna (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fadim@microsoft.com>)  
 \* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=muks@microsoft.com>)  
 \* [Omair Majid (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com>)  
 \* [Paul Westcott (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=p.westcott@gmail.com>)  
 \* [Phil Christensen (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com>)  
 \* [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Drew%20Scoggins>)  
 \* [Dmitry-Me (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru>)  
 \* [Rama krishnan Raghupathy  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)  
 \* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)  
 \* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)  
 \*  
 [Dmitry  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)  
 \* [varocarbas (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=contact@customsolvers.com>)  
 \* [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)  
 \* [Daniel Podder (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dpodder@gmail.com>)  
 \* [Smile Wei (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)  
 \* [Chris Rummel (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=crummel@microsoft.com>)  
 \* [Tanner Gooding (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@microsoft.com>)  
 \* [Tom Deseyn (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)  
 \* [Bruce Bowyer-Smyth  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)  
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 \* [Xiangyang (Mark) Guo  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)  
 \* [ahsonkhan  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)  
 \* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)  
 \* [Andrey Akinshin  
 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)  
 \* [kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)  
 \* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)  
 \* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)

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

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

\*

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

\* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)

\* [Matt Galbraith  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)

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

\* [Russ Keldorph (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=diff.tool>)

\* [Russ Keldorph  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)

\* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\*

[Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)

\* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)

\* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)

\* [Martijn Hoekstra  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

\* [Marek Linka  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

\* [Ionut Tamas (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash\\_ionut@hotmail.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com))

\* [Sebastian Lauber  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

\* [Maarten Mensink  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

\*

[Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Alan Lawrence (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=allawr@microsoft.com>)

\* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

\* [Sivarv (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Jose Perez Rodriguez  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

\* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

\* [DDCloud (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

\*

[Steve MacLean, Qualcomm Datacenter Technologies Inc  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Christoph Neumüller  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

\* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

\* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

\* [Krzysztof Wicher

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)

- \* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)
- \* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)
- \* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)
- \* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)
- \*
- [Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)
- \* [Tarun Pothulapati (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)
- \* [Thiago Camargos Lopes (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)
- \* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)
- \* [Toni Solarin-Sodara (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)
- \* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)
- \* [Karel Zikmund (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@microsoft.com>)
- \* [Varun Venkatesan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)
- \* [Vijay Ramakrishnan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)
- \*
- [vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)
- \* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)
- \* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)
- \* [Vladimir Sadov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vsadov@microsoft.com>)
- \* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)
- \* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendono@users.noreply.github.com>)
- \* [sergey ignatov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sergign60@mail.ru>)
- \* [Xiang Fan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangfan@microsoft.com>)
- \* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)
- \*
- [Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)
- \* [sjsujinkim (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)
- \* [Yuriy Solodkyy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)
- \* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)
- \* [adiaaaida (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)
- \* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)
- \* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)
- \* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)
- \* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)
- \*
- [cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)
- \* [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)
- \* [darxis (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com>)
- \* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

- \* [Morgan Brown  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)
- \* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)
- \* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)
- \* [Nicol Carandini  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)
- \* [Ofer Zelig  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)
- \*
- [Olof Olsson  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
- \* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)
- \* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)
- \* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)
- \* [OmariO  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omariom@users.noreply.github.com>)
- \* [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)
- \* [Mikhael Skvortsov  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)
- \* [Alexandre Mutel  
(1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com))
- \* [Pedro Lamas (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pedrolamas@gmail.com>)
- \*
- [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)
- \* [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)
- \* [Matthew Parkinson  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)
- \* [Peter Smulovics  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)
- \* [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)
- \* [AlexGhiondea  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
- \* [gbalykov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=g.balykov@samsung.com>)
- \* [giuliohome (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)
- \* [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- \*
- [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [ikopylov  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)

## ## CoreFX

- \* [Stephen Toub (661)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- \* [Jon Hanna (361)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)
- \* [Eric St. John (315)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Eric Mellino (192)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)
- \* [Hugh Bellamy (166)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)
- \* [Wes Haggard

(134)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [Jose Perez Rodriguez

(123)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)

\*

[Ian Hays (114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)

\* [Santiago Fernandez Madero

(114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferr@microsoft.com>)

\* [Lakshmi Priya Sekar

(109)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)

\* [Bart De Smet (99)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com>)

\* [Dan Moseley (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)

\* [James Ko (95)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jamesqko@gmail.com>)

\* [Jan Kotas (84)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)

\* [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Anthony Langsworth

(78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)

\* [Jeremy Barton

(76)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)

\* [Viktor Hofer (75)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

\* [Liudmila Molkova

(71)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)

\* [Krzysztof Wicher (70)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)

\* [Alex Perovich (66)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [sepidMS (64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Jeremy Kuhne

(64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Tarek Mahmoud Sayed

(63)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)

\* [danmosemsft (55)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)

\*

[Justin Van Patten (54)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [Atsushi Kanamori

(53)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [Karel Zikmund

(52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

\* [Stephen A. Imhoff (35)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

\* [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)

\* [David Shulman

(34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)

\* [Matt Galbraith (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)

\* [Atsushi Kanamori

(31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [Matt Mitchell (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)

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[Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)

\* [Davis Goodin (29)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)

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

\* [Cory Rivera (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

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

\* [Bart J.F. De Smet  
(26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)

\* [Saurabh Singh  
(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

\* [Steve Harter  
(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)

\*

[Wes Haggard  
(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

\* [Gaurav Khanna (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

\* [Tijoy Tom Kalathiparambil  
(23)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

\* [Frederik Carlier  
(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Alexander Radchenko  
(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

\* [Santiago Fernandez (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)

\* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)

\* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Huangli Wu (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\*

[FAREAST\v-lijiay (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

\* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Koundinya Veluri (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Ahson Ahmed Khan  
(19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)

\* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

\* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)

\* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Will Dean (16)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk))

\*

[Hyeongseok Oh (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

\* [Karel Zikmund (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

\* [Sepideh Khoshnood (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Jiyoung Yun (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

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

\* [Jiayi Li (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

\* [Dennis "D.C." Dietrich  
(13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

\* [Matt Ellis (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

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 [Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)  
 \* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)  
 \* [Matt Galbraith  
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 \* [Caesar Chen (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)  
 \* [Cristian Pop (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)  
 \* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)  
 \* [Hyung-Kyu Choi  
 (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)  
 \* [Eric StJohn (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)  
 \* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)  
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 (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)  
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 [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)  
 \* [Vance Morrison  
 (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)  
 \* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)  
 \* [Mandar Sahasrabuddhe  
 (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)  
 \* [Tarekm Mahmoud Sayed  
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 \* [vsadov (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)  
 \* [Pavel  
 Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)  
 \* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)  
 \* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)  
 \* [Jan Vorlicek (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com>)  
 \* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)  
 \* [chunseoklee (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)  
 \* [Gene Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)  
 \* [Vance Morrison (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com>)  
 \* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com>)  
 \* [Rion Williams (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rionmonster@gmail.com>)  
 \*  
 [Hanjoung Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)  
 \* [nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)  
 \* [Brahmnes Fung (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com>)  
 \* [Carol Wang (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)  
 \* [Ben Adams (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)  
 \* [wtgodbe (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com>)  
 \* [Darren Hoehna (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)  
 \* [Davis Goodin

(6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)

\*

[Marek Linka (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com>)

\* [MichaelSimons (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com>)

\* [stone-li (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)

\* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Jonghyun Park (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com>)

\* [Cristian Pop

(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

\* [Lakshmi Priya Sekar

(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

\* [Robert Anderson

(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

\* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)

\*

[Anton Lapounov

(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)

\* [Eric Erhardt (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [Peter Marcu (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Egor Bogatov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Adam Friedman

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)

\* [Hyeongseok Oh

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [louluqun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=louluqun@hotmail.com>)

\* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)

\* [Nick Guerrero

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)

\* [Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

\* [Julien Couvreur

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)

\* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)

\* [the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)

\* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Stanislav Ushakov

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)

\* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

\*

[stephenmichaelf

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)

\* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)

\* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [huanwu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)



\* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)

\* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)

\* [JimboWei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-wjiang@microsoft.com>)

\* [JayG (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jguady@users.noreply.github.com>)

\* [Jonathan Mezach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonathanmezach@gmail.com>)

\* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)

\* [Joseph Musser (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)

\* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)

\* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN>)

\* [AlexGhiondea (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Yanbo Gu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)

\* [Frdric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)

\* [Youp Hulsebos (3)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp\\_hulsebos\\_@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp_hulsebos_@hotmail.com))

\* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)

\*

[Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)

\* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)

\* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)

\* [Stephen Cleary (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

\* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)

\*

[geoffkizer (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Bruce Bowyer-Smyth (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\* [yaelkeemink (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaelkeemink@gmail.com>)

\* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

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

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

\* [Brian Robbins (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Caesar Chen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)

\* [Felipe Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

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

\*

[Hyung-Kyu Choi (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)

\* [Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

\* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com>)  
 \* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)  
 \* [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)  
 \* [Michal Strehovsk  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)  
 \* [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mikem@microsoft.com>)  
 \* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)  
 \*  
 [Peter Toonen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter@toonen.io>)  
 \* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)  
 \* [Shiming Ge (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-shige@microsoft.com>)  
 \* [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@microsoft.com>)  
 \* [Tarun Pothulapati  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)  
 \* [Viacheslav Ivanov  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)  
 \* [Yi Zhang (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yzha@microsoft.com>)  
 \* [ahsonkhan (2)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))  
 \* [ahsonkhan  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)  
 \*  
 [cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)  
 \* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)  
 \* [smile21prc (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)  
 \* [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)  
 \* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omair.majid@gmail.com>)  
 \* [Olaf Keijsers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=olaf@keijsers.org>)  
 \* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)  
 \* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)  
 \* [Odyth (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jstofle@gmail.com>)  
 \*  
 [Nate Barbettini (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nathanaelb@gmail.com>)  
 \* [Morgan Brown (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganb@microsoft.com>)  
 \* [Sergio Parra Guerra  
 (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio\\_parra\\_guerra@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com))  
 \* [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=michael@senexx.com>)  
 \* [Shimmy  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com>)  
 \* [Mike van Dongen  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github@mikevandongen.nl>)  
 \* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=michals@microsoft.com>)  
 \* [Matthew Parkinson  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)  
 \* [Martin Woodward  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin@dotnetfoundation.org>)  
 \*

[Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)

\* [Martin Scholz  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)

\* [Martin Lapierre  
(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin\\_lapierre@devinstinct.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapierre@devinstinct.com))

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

\* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)

\* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

\* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)

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

\*

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

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

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

\* [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)

\* [tdupont750 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com>)

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

\* [Tanner Gooding  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

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

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

\* [Alexis  
Nowikowski  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com>)

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

\* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

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

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

\* [Josh Free  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com>)

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

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

\* [Tyler Brinkley  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)

\* [Jorge J. de la  
Fuente (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)

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

\* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)

\* [Jiang Zeng (Pactera Technologies Inc (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)

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

\* [Vladimir Sadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)  
 \* [Vladyslav (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com>)  
 \* [Jason Lin (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com>)  
 \* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)  
 \* [Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)  
 \*  
 [Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)  
 \* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)  
 \* [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>)  
 \* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)  
 \* [Yi Zhang (CLR  
(1))](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)  
 \* [Alexandre Mutel  
(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com))  
 \* [Fredrik Histher Rasch  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)  
 \* [v-yanbgu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)  
 \*  
 [varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)  
 \* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)  
 \* [andrewlock (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net>)  
 \* [Eugene Rozenfeld (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erozen@microsoft.com>)  
 \* [Dongbo Wang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dongbow@microsoft.com>)  
 \* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)  
 \* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)  
 \* [costahome (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa\\_christopher@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com))  
 \* [Chris S (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mrshrinkray@gmail.com>)  
 \*  
 [vitek-karas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com>)  
 \* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=crummel@microsoft.com>)  
 \* [dnickless (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net>)  
 \* [Chris R (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=crummel@microsoft.com>)  
 \* [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesars@microsoft.com>)  
 \* [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesarbs@gmail.com>)  
 \* [dstuckims (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dstucki@microsoft.com>)  
 \* [ektrah (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ektrah@users.noreply.github.com>)  
 \* [Caio Cesar Saldanha Maia Orejuela  
Kinelski(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)  
 \*  
 [Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)  
 \* [jlanng (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=james@jlrc.co.uk>)  
 \* [Bin Du (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bindu@microsoft.com>)  
 \* [Alexander Kplinger  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)  
 \* [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=billwert@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>)
- \* [Benjamin Bartels
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)
- \* [Andy Ayers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=andya@microsoft.com>)
- \*
- [Andrey Kurdyumov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)
- \* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)
- \* [Andrew Au (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cshung@gmail.com>)
- \* [Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)
- \* [Qi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)
- \* [Anatoly Zhmur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=azhmur@gmail.com>)
- \* [Peter Wurzinger (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wurzingerp@gmail.com>)
- \* [Peter Kukol
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)
- \* [Paul Westcott (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com>)
- \*
- [Paul Harrington
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com>)
- \* [Omar Tawfik
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)
- \* [Robert Matuszewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com>)
- \* [Robert Sk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosiek@tlen.pl>)
- \* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saehe.park@samsung.com>)
- \* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)
- \* [Olof Olsson
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

## ## WCF

- \* [Stephen Bonikowsky (82)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- \* [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)
- \*
- [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [KKhurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \* [hongdai (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- \* [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \* [Zhenlan Wang (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- \* [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- \* [Shin Mao (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [Matt Connew (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \*
- [Tarek Mahmoud Sayed (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com>)
- \* [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.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>)  
\* [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)  
\* [Carol Wang (Inspur Worldwide Services Ltd)  
(1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)  
\* [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)  
\* [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)  
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.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing your contributions so please, let us know if something is incorrect or missing.

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

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</br>

## aspnetcore

</br>

[johluo@microsoft.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)

</br>[Adam Sitnik (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adam.sitnik@gmail.com>)

</br>[Adrian Wright

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adrian@compiledcoding.co.uk>)

</br>[Adrian Wright

(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47532258+adrianwright109@users.noreply.github.com>)

</br>[Ajay Bhargav

(16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)

</br>[Ajay Bhargav  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)  
</br>[Ajay Bhargav  
(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajaybhargavb@gmail.com>)  
</br>[Alessio Franceschelli  
(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=alessio@franceschelli.me>)  
</br>[Alexey Ananyev  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hypercodeplace@users.noreply.github.com>)  
</br>[Andrew J (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrewjsaid@gmail.com>)  
</br>[Andrew Stanton-Nurse  
(29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrew@stanton-nurse.com>)  
</br>[Andrii Kurdiumov  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kant2002@gmail.com>)  
</br>[AndriySvyryd  
Andriy.Svyryd@microsoft.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com>)  
</br>[Andr Silva (1)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre\\_ss6@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre_ss6@hotmail.com))  
</br>[Anirudh Agnihotry  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)  
</br>[ar0311 arogers0311@gmail.com  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=arogers0311@gmail.com>)  
</br>[Artak 34246760+mkArtakMSFT@users.noreply.github.com  
(40)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34246760+mkArtakMSFT@users.noreply.github.com>)  
</br>[Artak Mkrtchyan  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artakm@corp.microsoft.com>)  
</br>[Artyom Tarasov  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artar94@users.noreply.github.com>)  
</br>[Barry Dorrans  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=github.com@idunno.org>)  
</br>[Ben Adams  
(15)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thundercat@illyriad.co.uk>)  
</br>[Bharat Kumar  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pavinan@users.noreply.github.com>)  
</br>[Brady Gaster  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41929050+bradygaster@users.noreply.github.com>)  
</br>[Brennan brecon@microsoft.com  
(154)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
</br>[Brennan Conroy  
(12)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
</br>[BrennanConroy brecon@microsoft.com  
(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
</br>[Brian Surowiec (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brian@13degrees.com>)  
</br>[brianchance bchance@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=bchance@gmail.com>)  
</br>[Brice



Lambson (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brice@bricelam.net>)  
 </br>[Bruce Adams  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=5435504+badamsdev@users.noreply.github.com>)  
 </br>[ccvca ccvca@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ccvca@users.noreply.github.com>)  
 </br>[Chris Oliver (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cado82@gmail.com>)  
 </br>[Chris Pickford  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chris@luminousuk.com>)  
 </br>[Chris R (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@outlook.com>)  
 </br>[Chris Ross (4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrross@microsoft.com>)  
 </br>[Chris Ross (69)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@Outlook.com>)  
 </br>[Chris  
 Sainty  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrissainty@users.noreply.github.com>)  
 </br>[Chris Sienkiewicz  
 (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chsienki@microsoft.com>)  
 </br>[Christian Kadluba  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10721825+ckadluba@users.noreply.github.com>)  
 </br>[Christian Wenz (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=christian@wenz.org>)  
 </br>[Christian Wenz  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=info@christianwenz.de>)  
 </br>[Christopher Haws (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cribs2@gmail.com>)  
 </br>[Cdric Luthi (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cedric.luthi@gmail.com>)  
 </br>[Dairai Nyabando  
 (9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dnyabando@g.harvard.edu>)  
 </br>[Dan Friedman  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dan@fantasticfriedmans.com>)  
 </br>[Dan  
 Moseley (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[Daniel Abbatt  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daniel.abbatt@mail.com>)  
 </br>[Daniel Eisterhold  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=deisterhold@users.noreply.github.com>)  
 </br>[Daniel Roth (6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daroth@microsoft.com>)  
 </br>[David Fowler (29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=davidfowl@gmail.com>)  
 </br>[David Melendez  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dlmelendez@users.noreply.github.com>)  
 </br>[davidnx 44079650+davidnx@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=44079650+davidnx@users.noreply.github.com>)  
 </br>[Dawid Szmidka  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dawid.szmidka@gmail.com>)  
 </br>[Dennis  
 Daume (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dennis@getmimo.com>)  
 </br>[Doug Bunting  
 (142)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6431421+doughu@users.noreply.github.com>)

m)  
 </br>[Eddy Nakamura  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ednakamu@microsoft.com>)  
 </br>[Eddy Nakamura  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eddynaka@gmail.com>)  
 </br>[Edward Neal  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=55035479+edwardneal@users.noreply.github.com>)  
 </br>[Epsitha Ananth  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
 </br>[Erhan Atesoglu  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)  
 </br>[Eric Erhardt  
 (7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
 </br>[Filip  
 Staffa (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=filip.staffa@gmail.com>)  
 </br>[Franklin Tse  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=FranklinWhale@users.noreply.github.com>)  
 </br>[George 1641829+finsharp@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1641829+finsharp@users.noreply.github.com>)  
 </br>[Giuseppe Campanelli  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=suprememilanfan@gmail.com>)  
 </br>[Grahame Horner  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=grahamehorner@users.noreply.github.com>)  
 </br>[Greg Ingram (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shaggygi97@gmail.com>)  
 </br>[Guillaume Nury  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GuillaumeNury@users.noreply.github.com>)  
 </br>[Gnther Foidl (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=gue@korporal.at>)  
 </br>[Hans  
 Bakker (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hansmbakker+github@gmail.com>)  
 </br>[Hao Kung  
 (75)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=HaoK@users.noreply.github.com>)  
 </br>[Haytam Zanid  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34218324+zHaytam@users.noreply.github.com>)  
 </br>[Helgevold Consulting,  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=torgeirh@hotmail.com>)  
 </br>[Huei Feng (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=695979933@qq.com>)  
 </br>[Huei Feng  
 (6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34702552+hueifeng@users.noreply.github.com>)  
 </br>[huysentruitw wouter\_huysentruit@hotmail.com  
 (2)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter\\_huysentruit@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter_huysentruit@hotmail.com))  
 </br>[Immo Landwerth  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=immol@microsoft.com>)

</br>[itminus  
 webbot@sina.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=webbot@sina.com>)  
 </br>[Ivan Maximov (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sungam3r@yandex.ru>)  
 </br>[Ivan Zub (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zub.ivan@gmail.com>)  
 </br>[Jacques Eloff  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=joeloff@users.noreply.github.com>)  
 </br>[James Newton-King  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=James.NewtonKing@microsoft.com>)  
 </br>[James Newton-King  
 (74)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=james@newtonking.com>)  
 </br>[Jan Jone (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jjones@outlook.cz>)  
 </br>[Jan-Willem Spuij  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jws@birdseyeview.nl>)  
 </br>[Jason Bailey  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=accounts@sidewaysgravity.com>)  
 </br>[Javier  
 Calvarro (79)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jacalvar@microsoft.com>)  
 </br>[JC Aguilera (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juanam@microsoft.com>)  
 </br>[Jean-Marc Prieur  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jmprieur@microsoft.com>)  
 </br>[JLeczycki jalec18@wp.pl  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jalec18@wp.pl>)  
 </br>[John Luo (127)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)  
 </br>[Jonathan vanillajonathan@users.noreply.github.com  
 (9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com>)  
 </br>[Joni jonijpn@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jonijpn@gmail.com>)  
 </br>[Josh Dadak  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Bigtalljosh@users.noreply.github.com>)  
 </br>[Juan Barahona  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=barahonajm@outlook.com>)  
 </br>[Juan Hoyos  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juan.hoyos@microsoft.com>)  
 </br>[juanam jcagme@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jcagme@gmail.com>)  
 </br>[Julio Avellaneda  
 (1)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito\\_gtu@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito_gtu@hotmail.com))  
 </br>[Julius jfheins@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jfheins@users.noreply.github.com>)  
 </br>[Justin Kotalik  
 (37)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jkotalik12@gmail.com>)  
 </br>[Justin Kotalik  
 (43)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jukotali@microsoft.com>)  
 </br>[Kahbazi a.kahbazi@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=a.kahbazi@gmail.com>)  
 </br>[Kahbazi A.Kahbazi@gmail.com  
 (47)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=A.Kahbazi@gmail.com>)  
 </br>[Kamron

Batman

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3953314+kamronbatman@users.noreply.github.com>)

</br>[kapsiR kapsiR@users.noreply.github.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kapsiR@users.noreply.github.com>)

</br>[Keiichi IGUCHI (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=keiichi@kei-1.jp>)

</br>[Ken Dale (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ken@kendaleiv.com>)

</br>[Ken Egozi (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mail@kenegozi.com>)

</br>[Kevin Pilch (20)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinpi@microsoft.com>)

</br>[Kevin Pilch (8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=me@pilchie.com>)

</br>[Kirill Osenkov

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=KirillOsenkov@users.noreply.github.com>)

</br>[Kirk

Larkin

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6025110+serpent5@users.noreply.github.com>)

</br>[kunal mehta (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehta.kuns@gmail.com>)

</br>[Kvin Chalet (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinchalet@gmail.com>)

</br>[lancehilliard lance@digitalcreations.cc

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lance@digitalcreations.cc>)

</br>[lark lilinghui@gmail.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lilinghui@gmail.com>)

</br>[Larry Ewing (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lewing@microsoft.com>)

</br>[Lars Hanisch

(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=flensrocker@users.noreply.github.com>)

</br>[Levi Broderick

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com>)

</br>[Luke

Pfeiffer (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lpfeiff10@gmail.com>)

</br>[Mackinnon Buck

(19)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mackinnon.buck@gmail.com>)

</br>[Maher Jendoubi

(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=maher.jendoubi@gmail.com>)

</br>[Mark Seemann (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mark@ploeh.dk>)

</br>[Markus Rodler

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Markus.Rodler@live.de>)

</br>[Marlon Regenhardt

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=marlon.r@hotmail.de>)

</br>[marlongerson 48413285+marlongerson@users.noreply.github.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=48413285+marlongerson@users.noreply.github.com>)

</br>[Martin Costello

(20)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=martin@martincostello.com>)

</br>[Matt Mitchell

(24)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Matyas

Richter (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=matyas.richter@gmail.com>)  
 </br>[Max Horstmann  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=max.horstmann@gmail.com>)  
 </br>[Mehmet Can  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehmetcankamar@gmail.com>)  
 </br>[Michael Randers-Pehrson  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.rp@gmail.com>)  
 </br>[Michael Stuckey  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.stuckey@gmail.com>)  
 </br>[Michelle Tan  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41475767+MichelleTanPY@users.noreply.github.com>)  
 </br>[Michiel van (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=windsunrain@gmail.com>)  
 </br>[Miha Zupan  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)  
 </br>[Mike  
 Lloyd (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike@reboot3times.org>)  
 </br>[mikeo52 mike.oliver.jobs@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike.oliver.jobs@gmail.com>)  
 </br>[Miroslav Jezik  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=miroslav.jezik@medtronic.com>)  
 </br>[Miroslav Kova  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=18582187+MiroKov@users.noreply.github.com>)  
 </br>[Mladen Macanovi  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mladen.macanovic@gmail.com>)  
 </br>[N. Taylor (16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nimullen@microsoft.com>)  
 </br>[Nicholas P (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nnelson1@insight.rr.com>)  
 </br>[Nick Kirby (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nrkirb@gmail.com>)  
 </br>[nickraphael nick.raaphael@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nick.raaphael@gmail.com>)  
 </br>[Ninds narinder.claire@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=narinder.claire@gmail.com>)  
 </br>[Noah Falk  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=noahfalk@users.noreply.github.com>)  
 </br>[nufiko michal.ufnal+git@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michal.ufnal+git@gmail.com>)  
 </br>[nymitr nymitr@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nymitr@gmail.com>)  
 </br>[Omair Majid (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=omajid@redhat.com>)  
 </br>[Odej torc (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=storc.1998@gmail.com>)  
 </br>[pagan-gerbil pete@pagan-gerbil.net  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pete@pagan-gerbil.net>)  
 </br>[Patrick Goode  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pgoode75@sbcglobal.net>)  
 </br>[Pavel  
 Voronin (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=voroninp@gmail.com>)  
 </br>[Phil Henning

(2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=phenning@microsoft.com)  
 </br>[Phillip Carter (3)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pcarter@fastmail.com)  
 </br>[Piotr Baejewicz  
 (3)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=peterblazejewicz@users.noreply.github.com)  
 </br>[PJ Evans (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pj.evans@hcmInst.com)  
 </br>[Pranav K (344)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@hotmail.com)  
 </br>[Pranav Krishnamoorthy  
 (4)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@microsoft.com)  
 </br>[Rachel Shaffer (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rashaf@microsoft.com)  
 </br>[Radek Falhar  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Euphoric@users.noreply.github.com)  
 </br>[Rick Anderson (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3605364+Rick-Anderson@users.noreply.github.com)  
 </br>[Roman Marusyk  
 (6)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Marusyk@users.noreply.github.com)  
 </br>[Ryan Brandenburg  
 (30)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rybrande@microsoft.com)  
 </br>[Ryan Nowak (18)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nowakra@gmail.com)  
 </br>[Ryan Rowse (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ryan.rowse@gmail.com)  
 </br>[Safia Abdalla (69)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@microsoft.com)  
 </br>[Safia Abdalla (7)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@safia.rocks)  
 </br>[Sam Harwell  
 (6)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Sam.Harwell@microsoft.com)  
 </br>[samsosa  
 32570890+samsosa@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=32570890+samsosa@users.noreply.github.com)  
 </br>[sanyam142mittal sanyam142mittal@gmail.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sanyam142mittal@gmail.com)  
 </br>[Sayed Ibrahim  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sayed.hashimi@gmail.com)  
 </br>[Scott Addie  
 (9)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10702007+scottaddie@users.noreply.github.com)  
 </br>[Sean G. (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sean@seangwright.me)  
 </br>[Sean Killeen (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SeanKilleen@gmail.com)  
 </br>[Sedat Kapanoglu  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ssg@users.noreply.github.com)  
 </br>[Sergey Bakulin  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sergey.bakulin.github@gmail.com)  
 </br>[SIkebe  
 SIkebe@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SIkebe@users.noreply.github.com)  
 </br>[Smit Patel  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smitpatel@users.noreply.github.com)  
 </br>[softworkz softworkz@hotmail.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=softworkz@hotmail.com)  
 </br>[Sourabh Shirhatti

(5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shirhatti@outlook.com>)  
 </br>[SQL-MisterMagoo mister.magoo+githubsql@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mister.magoo+githubsql@gmail.com>)  
 </br>[Stafford Williams  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=staff0rd@users.noreply.github.com>)  
 </br>[Stefan Rajkovic  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stefan@stefanrajkovic.com>)  
 </br>[Stephan Troyer (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stephantroyer@live.at>)  
 </br>[Stephen  
 Halter (43)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=halter73@gmail.com>)  
 </br>[Stephen Lorello  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=42971704+slorello89@users.noreply.github.com>)  
 </br>[Steve hez2010@outlook.com  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hez2010@outlook.com>)  
 </br>[Steve Gordon (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sgordon@hotmail.co.uk>)  
 </br>[Steve Sanderson  
 (89)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com>)  
 </br>[Steven Maglio (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smaglio81@gmail.com>)  
 </br>[Sbastien Ros (8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sebastienros@gmail.com>)  
 </br>[Tanay Parikh  
 (7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=TanayParikh@users.noreply.github.com>)  
 </br>[Tanya  
 hey@tanyado.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hey@tanyado.com>)  
 </br>[TeBeCo tebeco@gmail.com  
 (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tebeco@gmail.com>)  
 </br>[Thays Grazia (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thaystg@gmail.com>)  
 </br>[thetownfool thetownfool@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thetownfool@gmail.com>)  
 </br>[Thomas Levesque  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com>)  
 </br>[Tibor Tth (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=totht91@gmail.com>)  
 </br>[Todd Grunke  
 (18)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=toddgrun@microsoft.com>)  
 </br>[Tom Deseyn (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tom.deseyn@gmail.com>)  
 </br>[Vasilev Pyotr (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vahpetr@gmail.com>)  
 </br>[Vaughan  
 Reid (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vaughanreid@gmail.com>)  
 </br>[Victor Lindespang  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=36196344+lindespang@users.noreply.github.com>)  
 </br>[Vladimir Samoilenko  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wsamprof@gmail.com>)  
 </br>[Vyacheslav Napadovsky  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=napadovskiy@gmail.com>)  
 </br>[Wayne Adams

(1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Valks@users.noreply.github.com)  
</br>[Will Godbe  
(27)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[Will (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=doggy.huang@gmail.com)  
</br>[William Godbe  
(99)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[witskeeper  
witskeeper@gmail.com  
(1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=witskeeper@gmail.com)  
</br>[wtgodbe wigodbe@microsoft.com  
(8)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[WuYafeng yafeng.wu@outlook.com  
(2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=yafeng.wu@outlook.com)  
</br>[Youssef Victor  
(5)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com)  
</br>[Zachary Becknell  
(4)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zbecknell@users.noreply.github.com)  
</br>[ZeBobo5 ZeBobo5@users.noreply.github.com  
(1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ZeBobo5@users.noreply.github.com)  
</br>  
## efcore

</br>[liveowl liveowl@outlook.com  
(2)](https://github.com/dotnet/efcore/commits/release/5.0?author=liveowl@outlook.com)  
</br>[ajcvickers ajcvickers@hotmail.com  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com)  
</br>[Alaa  
Masoud (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=alaa.masoud@live.com)  
</br>[Aleksandar Manukov  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=34056917+aleksandar-manukov@users.noreply.github.com)  
</br>[Aleksei pankraty@gmail.com  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=pankraty@gmail.com)  
</br>[Alex Fanat (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=alex.fanat@smus.ca)  
</br>[Alexander Tschner  
(2)](https://github.com/dotnet/efcore/commits/release/5.0?author=AlexanderTaeschner@users.noreply.github.com)  
</br>[Alexey Dvoretzkiy (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=dvoreckyya@mail.ru)  
</br>[Andriy Svyryd  
(100)](https://github.com/dotnet/efcore/commits/release/5.0?author=AndriySvyryd@users.noreply.github.com)  
</br>[AndriySvyryd Andriy.Svyryd@microsoft.com  
(46)](https://github.com/dotnet/efcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com)  
</br>[Arthur  
Vickers (164)](https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com)  
</br>[bdebaere brechtdebaere@yahoo.com  
(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=brechtdebaere@yahoo.com)  
</br>[Ben McCallum



(1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ben.mccallum@live.com.au)  
 </br>[Brice Lambson (89)](https://github.com/dotnet/efcore/commits/release/5.0?author=brice@bricelam.net)  
 </br>[Christopher Costa (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=chcosta@microsoft.com)  
 </br>[Christopher Haws (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=cribs2@gmail.com)  
 </br>[Cdric Luthi (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=cedric.luthi@gmail.com)  
 </br>[Dan Moseley (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=danmose@microsoft.com)  
 </br>[Doug Bunting  
 (22)](https://github.com/dotnet/efcore/commits/release/5.0?author=6431421+dougbu@users.noreply.github.com)  
 </br>[Epsitha  
 Ananth  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com)  
 </br>[Eric St-Georges  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=EricStG@users.noreply.github.com)  
 </br>[Erik Ejlskov  
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=ErikEJ@users.noreply.github.com)  
 </br>[ErikEJ ejlskov@hotmail.com  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ejlskov@hotmail.com)  
 </br>[Ivan Maximov (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=sungam3r@yandex.ru)  
 </br>[Ivaylo Kenov (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ivaylo.kenov@gmail.com)  
 </br>[Jacob Viau (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=javia@microsoft.com)  
 </br>[Jacob Viau (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jviau@ualberta.ca)  
 </br>[Jasper Hedegaard  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jasperhb@outlook.com)  
 </br>[Jeffrey Svajlenko  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jeff.svajlenko@gmail.com)  
 </br>[Jeremy Zagorski (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jmzagorski@gmail.com)  
 </br>[Jiri Cincura (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net)  
 </br>[Jiri Cincura (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net)  
 </br>[John Luo (5)](https://github.com/dotnet/efcore/commits/release/5.0?author=johluo@microsoft.com)  
 </br>[Jon Louie (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jlouie3@gmail.com)  
 </br>[Jonathan vanillajonathan@users.noreply.github.com  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com)  
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 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=32800478+orionstudt@users.noreply.github.com)  
 </br>[Justin  
 Kotalik (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=jkotalik12@gmail.com)  
 </br>[Kaloyan Kostov  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=kaloyan.kostov@yahoo.com)  
 </br>[Kaloyan Kostov  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=kkostov.kaloyan@gmail.com)  
 </br>[Kevin Pilch (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=me@pilchie.com)  
 </br>[Lajones lajones@users.noreply.github.com  
 (50)](https://github.com/dotnet/efcore/commits/release/5.0?author=lajones@users.noreply.github.com)  
 </br>[Laurence King  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=53393540+LaurenceJKing@users.noreply.github.com)  
 </br>[Liweihan weihanli@outlook.com  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=weihanli@outlook.com)

</br>[lokalmatador 12415790+lokalmatador@users.noreply.github.com  
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=12415790+lokalmatador@users.noreply.github.com)  
 </br>[manvydasu  
 31101065+manvydasu@users.noreply.github.com  
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 )  
 </br>[Martin Boye  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=martinboyepetersen@hotmail.com)  
 </br>[Massimo Giambona  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=m4ss1m0g@users.noreply.github.com)  
 </br>[Matt Mitchell (11)](https://github.com/dotnet/efcore/commits/release/5.0?author=mmitche@microsoft.com)  
 </br>[Matthew Lieder  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=lieder\_matthew@hotmail.com)  
 </br>[Matthias Lischka  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=matthiaslischka@users.noreply.github.com)  
 </br>[maumar maumar@microsoft.com  
 (34)](https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com)  
 </br>[Maurycy Markowski  
 (41)](https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com)  
 </br>[Max  
 K (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=knom@users.noreply.github.com)  
 </br>[Michael Stuckey  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michael.stuckey@gmail.com)  
 </br>[Mike Surcouf (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=mike@surcouf.co.uk)  
 </br>[Mike Wodarczyk (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=mikew@drbronner.com)  
 </br>[mmitche mmitche@microsoft.com  
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=mmitche@microsoft.com)  
 </br>[Neil Bostrom (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=github@silvergames.net)  
 </br>[Nicolas Michels  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com)  
 </br>[Ncolas Michels  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com)  
 </br>[Paul Middleton  
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=paul.w.middleton@gmail.com)  
 </br>[Paulo  
 Morgado  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com)  
 m)  
 </br>[Peter Huang (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ptjhuang@gmail.com)  
 </br>[Philipp Zech (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=zech.ph@gmail.com)  
 </br>[Rafael Almeida (4)](https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net)  
 </br>[Rafael Almeida (5)](https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net)  
 </br>[Roma Marusyk  
 (11)](https://github.com/dotnet/efcore/commits/release/5.0?author=romamarusyk@gmail.com)  
 </br>[Roman Marusyk  
 (3)](https://github.com/dotnet/efcore/commits/release/5.0?author=Marusyk@users.noreply.github.com)  
 </br>[Sergei Khlebnikov

(3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=SergerGood@users.noreply.github.com>)  
</br>[Shay Rojansky (120)](<https://github.com/dotnet/efcore/commits/release/5.0?author=roji@roji.org>)  
</br>[Smit Patel (318)](<https://github.com/dotnet/efcore/commits/release/5.0?author=smitpatel@users.noreply.github.com>)  
</br>[Stephen Vernyi (14)](<https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com>)  
</br>[Steve steve.vernyi@gmail.com  
(12)](<https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com>)  
</br>[Sven 6847381+svengance@users.noreply.github.com  
(3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=6847381+svengance@users.noreply.github.com>)  
</br>[Sbastien Ros (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=sebastienros@gmail.com>)  
</br>[Thomas Levesque  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=thomaslevesque@users.noreply.github.com>)  
</br>[Toni Wenzel  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=toni.wenzel@gmail.com>)  
</br>[Turner Bass (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=turner@psypher9.com>)  
</br>[Vlad Dragnea (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=vlad.dragnea@gmail.com>)  
</br>[Will Godbe (7)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)  
</br>[William Godbe (24)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)  
</br>[wtgodbe wigodbe@microsoft.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)  
</br>  
## installer

</br>[akharlov harl\_aa@skbkontur.ru  
(3)]([https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl\\_aa@skbkontur.ru](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl_aa@skbkontur.ru))  
</br>[Alexander Kplinger  
(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com>)  
</br>[Anirudh Agnihotry  
(3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com>)  
</br>[Bekir Ozturk  
(14)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bozturk@microsoft.com>)  
</br>[Brian Robbins  
(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=brianrob@microsoft.com>)  
</br>[Bruno Logerfo (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bclogerfo@hotmail.com>)  
</br>[Christopher Costa  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=chcosta@microsoft.com>)  
</br>[Dan Moseley  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=danmose@microsoft.com>)  
</br>[Daniel Plaisted  
(12)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=daplaist@microsoft.com>)  
</br>[Daniel Plaisted  
(2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dsplaisted@gmail.com>)  
</br>[Davis Goodin  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dagood@users.noreply.github.com>)

</br>[Divino Csar (4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=divcesar@gmail.com>)

</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)

</br>[Eric  
Erhardt (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)

</br>[Fadi Hanna (2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=fadim@microsoft.com>)

</br>[halex2005 harl\_aa@skbkontur.ru  
(2)]([https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl\\_aa@skbkontur.ru](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl_aa@skbkontur.ru))

</br>[Immo Landwerth  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=immol@microsoft.com>)

</br>[Jacques Eloff  
(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com>)

</br>[Jakub Jare (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com>)

</br>[Jan Kotas (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jkotas@microsoft.com>)

</br>[John Beisner  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com>)

</br>[Juan Hoyos  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juan.hoyos@microsoft.com>)

</br>[Juan  
Sebastian (4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juan.s.hoyos@outlook.com>)

</br>[Juan Sebastian  
(5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juhoyosa@microsoft.com>)

</br>[juanam jcagme@gmail.com  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jcagme@gmail.com>)

</br>[Livar Cunha  
(3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=licavalc@microsoft.com>)

</br>[Livar Cunha (6)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=livar@live.com>)

</br>[Lukas Lansky  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=lulansky@microsoft.com>)

</br>[Manodasan Wignarajah  
(4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mawign@microsoft.com>)

</br>[Marc Paine  
(3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=marcpop@microsoft.com>)

</br>[Matt  
Mitchell (83)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com>)

</br>[Michael Simons  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=msimons@microsoft.com>)

</br>[mmitche mmitche@microsoft.com  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com>)

</br>[Nick Guerrero  
(19)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nicholg@microsoft.com>)

</br>[Nikola Milosavljevic  
(3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nikolam@microsoft.com>)

</br>[nohwnd me@jakubjares.com  
(1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com>)

</br>[Omair Majid (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=omajid@redhat.com>)

</br>[Phil Henning

(2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=phenning@microsoft.com>)  
 </br>[Pranav K (6)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=prkrishn@hotmail.com>)  
 </br>[Sarabjot Singh (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sasin@microsoft.com>)  
 </br>[Sarah Oslund (13)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)  
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 </br>[Symbai symbai@byom.de (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=symbai@byom.de>)  
 </br>[Viktor Hofer (7)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com>)  
 </br>[vsadov vsadov@microsoft.com (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=vsadov@microsoft.com>)  
 </br>[William Godbe (7)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wigodbe@microsoft.com>)  
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 </br>[Aaron R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=arobins@microsoft.com>)  
 </br>[Aaron Robinson (59)](<https://github.com/dotnet/runtime/commits/release/5.0?author=arobins@microsoft.com>)  
 </br>[Abel Braaksma (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=abel.online@xs4all.nl>)  
 </br>[Adam Sitnik (27)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adam.sitnik@gmail.com>)  
 </br>[Adeel adeelbm@outlook.com (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com>)  
 </br>[Adeel Mujahid (63)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com>)  
 </br>[Ahmad Ibrahim (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ahmad.cdev@gmail.com>)  
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 </br>[Alaa Masoud (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alaa.masoud@live.com>)  
 </br>[Alan Isaac (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alan.pinkert@gmail.com>)  
 </br>[Alan West (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=3676547+alanwest@users.noreply.github.com>)

</br>[Aleksey Kliger (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=aleksey@lambdageek.org>)

</br>[Aleksey Kliger (32)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com>)

</br>[Aleksey Kliger (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com>)

</br>[Alessio Franceschelli (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alessio@franceschelli.me>)

</br>[Alex Villarreal (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex@alexvy86.com>)

</br>[Alexander Koplinger (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com>)

</br>[Alexander Kplinger (149)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com>)

</br>[Alexander Nikolaev (38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55398552+alnikola@users.noreply.github.com>)

</br>[Alexander Soldatov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=soldatov.a@samsung.com>)

</br>[Alexander Speshilov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=speshuric@mail.ru>)

</br>[Alexandre Mutel (2)]([https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre_mutel@live.com))

</br>[Alexey Golub (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tyrrrrrr@gmail.com>)

</br>[Alexis Christoforides (21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alexis@thenull.net>)

</br>[AlFas AlFasGD@users.noreply.github.com (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=AlFasGD@users.noreply.github.com>)

</br>[Alfred Myers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=git@alfredmyers.com>)

</br>[Alistair Evans (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alistairjevans@gmail.com>)

</br>[Alois-xx akraus1@gmx.de (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=akraus1@gmx.de>)

</br>[Anatoly Belyaev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tolya.msu@gmail.com>)

</br>[Andrew Arnott (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewarnott@gmail.com>)

</br>[Andrew Arnott (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Andrew.arnott@Microsoft.com>)

</br>[Andrew Au (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cshung@gmail.com>)

</br>[Andrew Au (57)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewau@microsoft.com>)

</br>[Andrew Boyarshin (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrew.boyarshin@gmail.com>)

</br>[Andrey Akinshin (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrey.akinshin@gmail.com>)

</br>[Andrey Kurdyumov (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kant2002@gmail.com>)

</br>[Andriy a.tsymbalistyi@outlook.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)

</br>[Andriy Tsymbalistyi (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)

</br>[Andy Ayers (75)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andya@microsoft.com>)

</br>[Andy Gocke (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=angocke@microsoft.com>)

</br>[Andy Hanson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anhans@microsoft.com>)

</br>[Anipik anirudhagnihotry098@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)

</br>[Anirudh Agnihotry

(84)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)

</br>[Ankit Jain (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=radical@gmail.com>)

</br>[Anton Firszov

(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Anton.Firszov@microsoft.com>)

</br>[Anton Landor

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55381413+AntonLandor@users.noreply.github.com>)

</br>[Anton Lapounov

(27)](<https://github.com/dotnet/runtime/commits/release/5.0?author=antonl@microsoft.com>)

</br>[Anton Vasiliev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=si1ver1502@gmail.com>)

</br>[Anubhav Srivastava (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-ansri@microsoft.com>)

</br>[Anubhav Srivastava

(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=SrivastavaAnubhav@users.noreply.github.com>)

</br>[AraHaan 15173749+AraHaan@users.noreply.github.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=15173749+AraHaan@users.noreply.github.com>)

</br>[Arialdo Martini

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=arialdomartini@gmail.com>)

</br>[asmichi asmichi@users.noreply.github.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=asmichi@users.noreply.github.com>)

</br>[Austin

Wise (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=AustinWise@gmail.com>)

</br>[Barry Dorrans (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=github.com@idunno.org>)

</br>[Ben Adams (19)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thundercat@illyriad.co.uk>)

</br>[benhall\_io 3179852+benhall@users.noreply.github.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=3179852+benhall@users.noreply.github.com>)

</br>[Benjamin Bartels (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=benjamin@bartels.dev>)

</br>[Bernhard Urban-Forster

(26)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lewurm@gmail.com>)

</br>[Bill Wert (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=billwert@microsoft.com>)

</br>[Bond-009 bond.009@outlook.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bond.009@outlook.com>)

</br>[Borislav Ivanov

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bsivanov@users.noreply.github.com>)

</br>[Brennan

brecon@microsoft.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brecon@microsoft.com>)

</br>[Brian Bohe (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-brboh@microsoft.com>)

</br>[Brian Friesen (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brian.friesen@gmail.com>)

</br>[Brian Robbins (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brianrob@microsoft.com>)

</br>[Brian Sullivan (26)](<https://github.com/dotnet/runtime/commits/release/5.0?author=briansul@microsoft.com>)

</br>[Brian Walker

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=daddyman@users.noreply.github.com>)

</br>[Brooke Philpott (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brphilpott@yahoo.com>)

</br>[Bruce Forstall (81)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brucefo@microsoft.com>)

</br>[Bruno Garcia  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bruno@brunogarcia.com>)

</br>[Buyaa bunamnan@microsoft.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com>)

</br>[buyaa-n bunamnan@microsoft.com  
(28)](<https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com>)

</br>[buyaa-n buyankhishig.namnan@microsoft.com  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=buyankhishig.namnan@microsoft.com>)

</br>[Calvin Buckley (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=calvin@cmpct.info>)

</br>[Carlos Sanchez  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com>)

</br>[Carlos Sanchez  
(30)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com>)

</br>[carlossanlop calope@microsoft.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=calope@microsoft.com>)

</br>[carlossanlop  
carlossanlop@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=carlossanlop@users.noreply.github.com>)

</br>[Carol Eidt (65)](<https://github.com/dotnet/runtime/commits/release/5.0?author=carol.eidt@microsoft.com>)

</br>[Chandramouleswaran chandramouleswaran@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=chandramouleswaran@gmail.com>)

</br>[Chaojie 42886212+v-chayan@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=42886212+v-chayan@users.noreply.github.com>)

</br>[Charles Milette  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=charles.milette@gmail.com>)

</br>[Charles Stoner (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=chucks@microsoft.com>)

</br>[Cheena Malhotra (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-chmalh@microsoft.com>)

</br>[Chris R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@outlook.com>)

</br>[Chris  
Ross (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@Outlook.com>)

</br>[Christian Hiersekorn  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hiersekornc@users.noreply.github.com>)

</br>[Cijo Thomas (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cithomas@microsoft.com>)

</br>[Clinton Ingram  
(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clinton.ingram@outlook.com>)

</br>[Cody cojacfar@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cojacfar@gmail.com>)

</br>[Cory Nelson (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=phrosty@gmail.com>)

</br>[Cdric Luthi (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cedric.luthi@gmail.com>)

</br>[Dan Moseley (37)](<https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com>)

</br>[Daniel Roth (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=daroth@microsoft.com>)

</br>[danmosemsft  
danmose@microsoft.com  
(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com>)



</br>[David Cantu (15)](https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com)  
 </br>[David Cant (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com)  
 </br>[David Fowler (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=davidfowl@gmail.com)  
 </br>[David Mason  
 (46)](https://github.com/dotnet/runtime/commits/release/5.0?author=davmason@microsoft.com)  
 </br>[David Shulman  
 (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=david.shulman@microsoft.com)  
 </br>[David Wrighton  
 (76)](https://github.com/dotnet/runtime/commits/release/5.0?author=davidwr@microsoft.com)  
 </br>[Davis Goodin (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@microsoft.com)  
 </br>[Davis Goodin  
 (18)](https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@users.noreply.github.com)  
 </br>[devsko  
 devsko@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=devsko@users.noreply.github.com)  
 </br>[devtwogenies 49120331+devtwogenies@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=49120331+devtwogenies@users.noreply.github.com)  
 </br>[dhusemann drhent@hotmail.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=drhent@hotmail.com)  
 </br>[Dmitriy Maksimov  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=Dmitriy.Maksimov@gmail.com)  
 </br>[Dong-Heon Jung (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=clamp03@gmail.com)  
 </br>[Dong-Heon Jung  
 (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=dheon.jung@samsung.com)  
 </br>[Dongbo Wang (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=dongbow@microsoft.com)  
 </br>[Doug Bunting  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=6431421+dougbu@users.noreply.github.com)  
 </br>[Drew  
 Noakes (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=git@drewnoakes.com)  
 </br>[Drew Scoggins  
 (29)](https://github.com/dotnet/runtime/commits/release/5.0?author=anscoggi@microsoft.com)  
 </br>[Eddy Nakamura (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=eddynaka@gmail.com)  
 </br>[Eddy Nakamura  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=ednakamu@microsoft.com)  
 </br>[Edison Henrique (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=ehasis@hotmail.com)  
 </br>[Edward Brey (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=edward@breyfamily.net)  
 </br>[Edward Kazuya (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=kazuya@comcast.net)  
 </br>[Egor Bogatov (111)](https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com)  
 </br>[Egor Chesakov  
 (60)](https://github.com/dotnet/runtime/commits/release/5.0?author=Egor.Chesakov@microsoft.com)  
 </br>[EgorBo  
 egor@gmail.com (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=egor@gmail.com)  
 </br>[EgorBo egorbo@gmail.com  
 (40)](https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com)  
 </br>[Eirik Tsarpalis  
 (118)](https://github.com/dotnet/runtime/commits/release/5.0?author=eirik.tsarpalis@gmail.com)  
 </br>[eli-fin eyfinkel@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eyfinkel@gmail.com>)  
 </br>[Elinor Fung (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=elfung@microsoft.com>)  
 </br>[Elinor Fung (64)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47805090+elinor-fung@users.noreply.github.com>)  
 </br>[Emmanuel Andr  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2341261+manandre@users.noreply.github.com>)  
 </br>[Epsitha Ananth  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
 </br>[Erhan Atesoglu  
 (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)  
 </br>[Eriawan Kusumawardhono  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eriawan@live.com>)  
 </br>[Eric Erhardt  
 (66)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
 </br>[Eric StJohn (40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ericstj@microsoft.com>)  
 </br>[Espen Rvik  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=espenrl@users.noreply.github.com>)  
 </br>[Eugene Rozenfeld  
 (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=erozen@microsoft.com>)  
 </br>[Eugene Samoylov  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugenestmlv@gmail.com>)  
 </br>[Evgenii Stepanov  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugeni.stepanov@gmail.com>)  
 </br>[Fadi Hanna (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadi.mounir@outlook.com>)  
 </br>[Fadi  
 Hanna (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadim@microsoft.com>)  
 </br>[Fan Yang (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)  
 </br>[Fan Yang (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=52458914+fanyang-mono@users.noreply.github.com>)  
 </br>[fanyang-mono yangfan@microsoft.com  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)  
 </br>[Federico Zuccollo  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=federico.zuccollo@gmail.com>)  
 </br>[Felipe Pessoto  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=felipepessoto@hotmail.com>)  
 </br>[Felipe Pessoto (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fepessot@microsoft.com>)  
 </br>[Fernando Andreu  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2480661+fernandreu@users.noreply.github.com>)  
 )  
 </br>[Filip Navara (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=navara@emclient.com>)  
 </br>[Filip  
 Navara (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=filip.navara@gmail.com>)  
 </br>[Francesco Saltori  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=francescosaltori@gmail.com>)  
 </br>[Fraser Waters (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=frassle@gmail.com>)  
 </br>[FreddyD-GH 12990709+FreddyD-GH@users.noreply.github.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=12990709+FreddyD-GH@users.noreply.github.com>)

</br>[Frederik Carlier  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=frederik.carlier@quamotion.mobi>)  
</br>[Fredrik Histher (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fredrik.rasch@gmail.com>)  
</br>[Ganbarukamo41 ganbarukamo@gmail.com  
(18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ganbarukamo@gmail.com>)  
</br>[Geoff Kizer (19)](<https://github.com/dotnet/runtime/commits/release/5.0?author=geoffrek@microsoft.com>)  
</br>[GeorgeAlexandria  
giorgi.alexandria@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=giorgi.alexandria@gmail.com>)  
</br>[Gleb Balykov (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=g.balykov@samsung.com>)  
</br>[Gustavo Varo  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gugavaro@users.noreply.github.com>)  
</br>[Grald Barr  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=meziantou@users.noreply.github.com>)  
</br>[Gnther Foidl (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gue@korporal.at>)  
</br>[Hamish Arblaster  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hamarb123@gmail.com>)  
</br>[handlespeed handlespeed@163.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=handlespeed@163.com>)  
</br>[Hao Kung  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=HaoK@users.noreply.github.com>)  
</br>[Heku jzd@live.cn  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jzd@live.cn>)  
</br>[Henrik lassenn@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lassenn@gmail.com>)  
</br>[Henrique Fernandes  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=henrique.baggio@outlook.com>)  
</br>[Himanshu Soni (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hsoni@tavisca.com>)  
</br>[Honza Rame (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ramejan@gmail.com>)  
</br>[Huang, Zhaoquan  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zhaquan2008@hotmail.com>)  
</br>[Hugh Bellamy (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hughbellars@gmail.com>)  
</br>[Huo Yaoyuan (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=huoyaoyuan@hotmail.com>)  
</br>[Ilia ki.stfu@gmail.com  
(4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com>)  
</br>[Ilia K (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com>)  
</br>[Ilya  
darpa@yandex.ru (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=darpa@yandex.ru>)  
</br>[imhameed imhameed@microsoft.com  
(13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=imhameed@microsoft.com>)  
</br>[Immo Landwerth (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=immo@landwerth.net>)  
</br>[Immo Landwerth (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=immol@microsoft.com>)  
</br>[Ivan ivanbuha@outlook.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivanbuha@outlook.com>)  
</br>[Ivan David (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com>)  
</br>[Ivan Diaz (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com>)  
</br>[Ivan Povazan  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55002338+ivanpovazan@users.noreply.github.com>)

om)

</br>[Jacob  
 Lalonde (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=jjjalonde@gmail.com)

</br>[Jake Meiergerd (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jakenveina@gmail.com)

</br>[Jakob Botsch  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=Jakob.botsch.nielsen@gmail.com)

</br>[James Newton-King  
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=james@newtonking.com)

</br>[Jan Jahoda (15)](https://github.com/dotnet/runtime/commits/release/5.0?author=jajahoda@microsoft.com)

</br>[Jan Kotas (208)](https://github.com/dotnet/runtime/commits/release/5.0?author=jkotas@microsoft.com)

</br>[Jan Vorlicek (102)](https://github.com/dotnet/runtime/commits/release/5.0?author=janvorli@microsoft.com)

</br>[Jared Parsons  
 (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=jaredpparsons@gmail.com)

</br>[Jarret Shook (33)](https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com)

</br>[jashook jashoo@microsoft.com  
 (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com)

</br>[Jason Pugsley (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jason.pugsley@gmail.com)

</br>[Jay Krell (51)](https://github.com/dotnet/runtime/commits/release/5.0?author=jaykrell@microsoft.com)

</br>[Jeff Handley  
 (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=jeffhandley@users.noreply.github.com)

</br>[Jeff Schwartz (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=jeffschw@microsoft.com)

</br>[Jeffrey Zhao (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jeffz@live.com)

</br>[Jeremy Barton (32)](https://github.com/dotnet/runtime/commits/release/5.0?author=jbarton@microsoft.com)

</br>[Jeremy Koritzinsky  
 (50)](https://github.com/dotnet/runtime/commits/release/5.0?author=jekoritz@microsoft.com)

</br>[Jeremy Kuhne (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=jkuhne@microsoft.com)

</br>[Jeroen  
 Oortwijn  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=51476918+JeroenOortwijn@users.noreply.github.com)

</br>[JesperTreetop jesper.lindholm@treetop.se  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jesper.lindholm@treetop.se)

</br>[jeuxjeux20 jeuxjeux20@outlook.fr  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jeuxjeux20@outlook.fr)

</br>[Jim Buck (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jim@jimbuck.io)

</br>[Jimmy Bogard  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=jimmy.bogard@gmail.com)

</br>[Jo Shields (16)](https://github.com/dotnet/runtime/commits/release/5.0?author=directhex@apebox.org)

</br>[Jo Shields (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=joshield@microsoft.com)

</br>[Johan Lorensen  
 (24)](https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com)

</br>[John johnkellyoxford@gmail.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com)

</br>[John  
 Kelly (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com)

</br>[John Luo (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=johluo@microsoft.com)

</br>[John Salem (28)](https://github.com/dotnet/runtime/commits/release/5.0?author=josalem@microsoft.com)

</br>[John Smith (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=john@solrevdev.com)

</br>[John Tur (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john-tur@outlook.com>)

</br>[Johonis jonas\_kuntze@web.de

(1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=jonas\\_kuntze@web.de](https://github.com/dotnet/runtime/commits/release/5.0?author=jonas_kuntze@web.de))

</br>[Jon Fortescue (18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jofortes@microsoft.com>)

</br>[Jonathan Chambers

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joncham@gmail.com>)

</br>[Jonathan Marler

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnnymarler@gmail.com>)

</br>[Jonathan

Peppers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonathan.peppers@gmail.com>)

</br>[Joni jonijpn@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonijpn@gmail.com>)

</br>[Jose Perez (21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joperezr@microsoft.com>)

</br>[Joseph Musser (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@jnm2.com>)

</br>[Josh Groves (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josh@joshgroves.com>)

</br>[Josh Schreuder

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshschreuder@gmail.com>)

</br>[Juan Hoyos (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juan.hoyos@microsoft.com>)

</br>[Juan Sebastian (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juhoyosa@microsoft.com>)

</br>[Julien Couvreur

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jcouv@users.noreply.github.com>)

</br>[Justin

Kotalik (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkotalik12@gmail.com>)

</br>[Kahbazi A.Kahbazi@gmail.com

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=A.Kahbazi@gmail.com>)

</br>[Karel Zikmund (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=karelz@microsoft.com>)

</br>[Katarzyna Buat (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-kabul@microsoft.com>)

</br>[Katelyn Gadd (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kg@luminance.org>)

</br>[Keith Kjer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjerkdev@gmail.com>)

</br>[Keith Newton

(1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=bob\\_corillian@hotmail.com](https://github.com/dotnet/runtime/commits/release/5.0?author=bob_corillian@hotmail.com))

</br>[Kenneth Pouncey (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjpou@pt.lu>)

</br>[Kevin Jones (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevin@vcsjones.com>)

</br>[Kevin

Pilch (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevinpi@microsoft.com>)

</br>[Key Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=keyhyuk.kim@gmail.com>)

</br>[Kirill Frolov (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.frolov@samsung.com>)

</br>[klettier lettier.kevin@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lettier.kevin@gmail.com>)

</br>[Konstantin Baladurin

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.baladurin@gmail.com>)

</br>[Koundinya Veluri

(12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@users.noreply.github.com>)

</br>[Koundinya Veluri

(6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@microsoft.com>)

</br>[Kristian Hellang (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kristian@hellang.com>)

</br>[Krzysztof Bogacki

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=krzysztof.bogacki@leancode.pl>)

</br>[Krzysztof  
 Wicher (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=mordotymoja@gmail.com)  
 </br>[Krzysztof Wicher  
 (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=kwicher@microsoft.com)  
 </br>[Kunal Pathak  
 (31)](https://github.com/dotnet/runtime/commits/release/5.0?author=Kunal.Pathak@microsoft.com)  
 </br>[ladeak ladeak@windowslive.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ladeak@windowslive.com)  
 </br>[Larry Ewing (20)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@microsoft.com)  
 </br>[lateralusX lateralusx.github@gmail.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com)  
 </br>[lateralusX lateralusX@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusX@users.noreply.github.com)  
 </br>[Layomi Akinrinade  
 (84)](https://github.com/dotnet/runtime/commits/release/5.0?author=laakinri@microsoft.com)  
 </br>[LeaFrock  
 LeaFrock@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=LeaFrock@users.noreply.github.com)  
 </br>[Leandro A.  
 (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com)  
 </br>[Leandro Pereira  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com)  
 </br>[Lee Coward (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=leecow@microsoft.com)  
 </br>[Lennart Brggemann  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lbrueggemann@outlook.com)  
 </br>[Leslie Zhai (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=zhaixiang@loongson.cn)  
 </br>[Levi Broderick  
 (65)](https://github.com/dotnet/runtime/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.co  
 m)  
 </br>[lewing lewing@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@users.noreply.github.com)  
 </br>[lindexi  
 lindexi@users.noreply.github.com  
 (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=lindexi@users.noreply.github.com)  
 </br>[Liudmila Molkova  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=lmolkova@microsoft.com)  
 </br>[Loc Sharma (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sharma.loic@gmail.com)  
 </br>[Lucas Trzesniewski  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lucas.trzesniewski@gmail.com)  
 </br>[Luk Lnsk (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lukas@lansky.name)  
 </br>[Mackinnon Buck  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mackinnon.buck@gmail.com)  
 </br>[madmir 1119735+madmir@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=1119735+madmir@users.noreply.github.com)  
 </br>[Maher Jendoubi  
 (6)](https://github.com/dotnet/runtime/commits/release/5.0?author=maher.jendoubi@gmail.com)  
 </br>[Maira

Wenzel (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mairaw@microsoft.com>)  
 </br>[Manish Godse  
 (38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=61718172+mangod9@users.noreply.github.com>)  
 </br>[Manuel Pfemeter (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=m>)  
 </br>[Manuel Pfemeter  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=manne@users.noreply.github.com>)  
 </br>[Maoni Stephens  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Maoni0@users.noreply.github.com>)  
 </br>[marcnet80 46241368+marcnet80@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=46241368+marcnet80@users.noreply.github.com>)  
 </br>[Marco Rossignoli  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=marco.rossignoli@gmail.com>)  
 </br>[Marcus Turewicz  
 (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=24448509+marcuturewicz@users.noreply.github.com>)  
 </br>[Marek Habersack  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=grendel@twistedcode.net>)  
 </br>[Marek Safar (55)](<https://github.com/dotnet/runtime/commits/release/5.0?author=marek.safar@gmail.com>)  
 </br>[Marie Pchov  
 (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=11718369+ManickaP@users.noreply.github.com>)  
 </br>[Marie Pchov (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mapichov@microsoft.com>)  
 </br>[Marius Gundersen  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@mariusgundersen.net>)  
 </br>[Marius Ungureanu  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=teromario@yahoo.com>)  
 </br>[Marius Ungureanu (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=therzok@gmail.com>)  
 </br>[Martin Costello  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=martin@martincostello.com>)  
 </br>[Maryam Ariyan  
 (52)](<https://github.com/dotnet/runtime/commits/release/5.0?author=maryam.ariyan@microsoft.com>)  
 </br>[Mateo  
 Torres (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com>)  
 </br>[Mateo Torres-Ruiz  
 (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mateoatr@users.noreply.github.com>)  
 </br>[mateoatr matorre@microsoft.com  
 (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com>)  
 </br>[Matt Connew (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mconnew@microsoft.com>)  
 </br>[Matt Galbraith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattgal@microsoft.com>)  
 </br>[Matt Galbraith  
 (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=MattGal@users.noreply.github.com>)  
 </br>[Matt Kotsenas  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Matt.Kotsenas@gmail.com>)  
 </br>[Matt Kotsenas (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattkot@microsoft.com>)  
 </br>[Matt Mitchell (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mmitche@microsoft.com>)  
 </br>[Matt

Smith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew.j.smith2@outlook.com>)  
 </br>[Matt Warren (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matt.warren@live.co.uk>)  
 </br>[Matthew R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew@centreboard.net>)  
 </br>[Mattias Karlsson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattias@devlead.se>)  
 </br>[Maxim Lipnin (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mlipnin@gmail.com>)  
 </br>[Maxim Lipnin (46)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-maxlip@microsoft.com>)  
 </br>[mayorovp mayorovp@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mayorovp@gmail.com>)  
 </br>[mdh1418 mdh1418@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mdh1418@users.noreply.github.com>)  
 </br>[Medeni Baykal  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=433724+Haplois@users.noreply.github.com>)  
 </br>[Michael  
 Katz  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45770613+microkatz@users.noreply.github.com>)  
 )  
 </br>[Michal Strehovsk  
 (67)](<https://github.com/dotnet/runtime/commits/release/5.0?author=MichalStrehovsky@users.noreply.github.com>)  
 </br>[Micha Bryka (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=michal.brylka@gmail.com>)  
 </br>[Miha Zupan  
 (38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)  
 </br>[Mika Lehtinen  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Smibu@users.noreply.github.com>)  
 </br>[Mike Danes (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com>)  
 </br>[Mike McLaughlin  
 (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mikem@microsoft.com>)  
 </br>[Mike Rousos (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mikerou@microsoft.com>)  
 </br>[mikedn  
 onemihaid@hotmail.com  
 (13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com>)  
 </br>[Mikel Blanchard  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mblanchard@macrosssoftware.com>)  
 </br>[Mikhail Kurinnoi  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=m.kurinnoi@samsung.com>)  
 </br>[Mikhail Kurinnoi  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=viewizard@viewizard.com>)  
 </br>[Mikhail Pilin  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ww898@users.noreply.github.com>)  
 </br>[minju 37239344+hiMinju@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=37239344+hiMinju@users.noreply.github.com>)  
 </br>[Mitch Valenta (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mvalenta@live.com>)  
 </br>[Mitchell Hwang  
 (40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mitchhwang1418@gmail.com>)  
 </br>[Mohammed Adenwala  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adenwala@outlook.com>)  
 </br>[monojenkins



jo.shields+jenkins@xamarin.com  
 (296)](https://github.com/dotnet/runtime/commits/release/5.0?author=jo.shields+jenkins@xamarin.com)  
 </br>[monojenkins releng@xamarin.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=releng@xamarin.com)  
 </br>[mrj001 62225294+mrj001@users.noreply.github.com  
 (6)](https://github.com/dotnet/runtime/commits/release/5.0?author=62225294+mrj001@users.noreply.github.com)  
 </br>[MSDN.WhiteKnight 35516665+MSDN-WhiteKnight@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=35516665+MSDN-WhiteKnight@users.noreply.github.com)  
 </br>[Mukul Sabharwal (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=muks@microsoft.com)  
 </br>[Natalia Kondratyeva  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=kondratyeva.ns@gmail.com)  
 </br>[Natalia Kondratyeva  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=knatalia@microsoft.com)  
 </br>[Nathan  
 Ricci (21)](https://github.com/dotnet/runtime/commits/release/5.0?author=naricc@microsoft.com)  
 </br>[nathan-moore nathanmoore424@gmail.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=nathanmoore424@gmail.com)  
 </br>[Nelson Chen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=crazysim@gmail.com)  
 </br>[Next Turn  
 (30)](https://github.com/dotnet/runtime/commits/release/5.0?author=45985406+NextTurn@users.noreply.github.com)  
 </br>[Nicholas Orlowsky  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=38eui@protonmail.com)  
 </br>[Nick Craver (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=craver@stackoverflow.com)  
 </br>[Nick Craver (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nrcraver@gmail.com)  
 </br>[Nick Guerrera (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nicholg@microsoft.com)  
 </br>[Nico Kranz (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nico@kranz.space)  
 </br>[Nicolas  
 Portmann (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=ndportmann@gmail.com)  
 </br>[nietras nietras@users.noreply.github.com  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=nietras@users.noreply.github.com)  
 </br>[Nikiforov Alexey (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nik-alekcey@yandex.ua)  
 </br>[Nikiforov Alexey  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikiforovalekcey@gmail.com)  
 </br>[Nikola Milosavljevic  
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com)  
 </br>[Nikola Milosavljevic  
 (8)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com)  
 </br>[Nikolay Sivov  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=nsivov@codeweavers.com)  
 </br>[Nikolche Kolev (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nikolev@microsoft.com)  
 </br>[NN  
 nn1436401@gmail.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nn1436401@gmail.com)  
 </br>[Noah Falk  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@users.noreply.github.com)

</br>[noahfalk noahfalk@microsoft.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@microsoft.com)  
 </br>[Oded Hanson (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=odhanson@microsoft.com)  
 </br>[Oleksandr Tymoshenko  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=gonzo@bluezbox.com)  
 </br>[Olivia Chen  
 (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=51934529+oooooolivia@users.noreply.github.com)  
 </br>[Omair Majid (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=omajid@redhat.com)  
 </br>[Paul Westcott (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=p.westcott@gmail.com)  
 </br>[Paulo Morgado  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com)  
 </br>[Pent  
 Ploompuu (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=kaalikas@gmail.com)  
 </br>[Peter Sollich (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=petersol@microsoft.com)  
 </br>[pi1024e 49824824+pi1024e@users.noreply.github.com  
 (13)](https://github.com/dotnet/runtime/commits/release/5.0?author=49824824+pi1024e@users.noreply.github.com)  
 </br>[Pieter-Jan Briers  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=pieterjan.briers@gmail.com)  
 </br>[Pranav K (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=prkrishn@hotmail.com)  
 </br>[Prashanth Govindarajan  
 (15)](https://github.com/dotnet/runtime/commits/release/5.0?author=prgovi@microsoft.com)  
 </br>[Pure Krome (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=github@world-domination.com.au)  
 </br>[Pemek Vysok  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=premek.vysoky@microsoft.com)  
 </br>[Qin  
 Li (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=qin.li@thetradedesk.com)  
 </br>[radical radical@users.noreply.github.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=radical@users.noreply.github.com)  
 </br>[Reza Jooyandeh  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mr.jooyandeh@gmail.com)  
 </br>[Rich Lander (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=rlander@microsoft.com)  
 </br>[Rikki Gibson (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=rigibson@microsoft.com)  
 </br>[rob313663 rob313663@gmail.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=rob313663@gmail.com)  
 </br>[Robert Henry (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=rrh.henry@gmail.com)  
 </br>[Robert Matuszewicz  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=robert.matuszewicz@protonmail.com)  
 </br>[Roman Marusyk  
 (23)](https://github.com/dotnet/runtime/commits/release/5.0?author=Marusyk@users.noreply.github.com)  
 </br>[Ross  
 Nelson (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ross.nelson@gmail.com)  
 </br>[Ryan Lucia (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ryan@luciaonline.net)  
 </br>[Ryan Lucia (75)](https://github.com/dotnet/runtime/commits/release/5.0?author=rylucia@microsoft.com)  
 </br>[Ryan Nowak (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=nowakra@gmail.com)

</br>[s0dyy msorin@msorin.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=msorin@msorin.com)  
 </br>[Safia Abdalla (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=safia@microsoft.com)  
 </br>[Sam Harwell  
 (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=Sam.Harwell@microsoft.com)  
 </br>[Sam Patel  
 (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=46026722+SamMonoRT@users.noreply.github.com)  
 </br>[Santiago Fernandez  
 (205)](https://github.com/dotnet/runtime/commits/release/5.0?author=saferrn@microsoft.com)  
 </br>[Saurabh  
 Singh (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=saurabh.singh@microsoft.com)  
 </br>[Saurabh Singh (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=sausing@microsoft.com)  
 </br>[Scott Xu (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=scott-xu@msn.com)  
 </br>[Sean Hall (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=r.sean.hall@gmail.com)  
 </br>[Sean Killeen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=SeanKilleen@gmail.com)  
 </br>[Sergey Andreenko  
 (55)](https://github.com/dotnet/runtime/commits/release/5.0?author=seandree@microsoft.com)  
 </br>[Sergey Aseev (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=serg046@outlook.com)  
 </br>[Sergio Pedri (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=sergio0694@live.com)  
 </br>[Sergiy Kuryata (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sergeyk@microsoft.com)  
 </br>[Serhii  
 Almazov (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=almazik@gmail.com)  
 </br>[Shay Rojansky (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=roji@roji.org)  
 </br>[Shimmy 2716316+weitzhandler@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=2716316+weitzhandler@users.noreply.github.com)  
 </br>[Shubham Ranjan  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=shubhamranjan@users.noreply.github.com)  
 </br>[Simon Nattress (34)](https://github.com/dotnet/runtime/commits/release/5.0?author=nattress@gmail.com)  
 </br>[Sinan Kaya  
 (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=41809318+franksinankaya@users.noreply.github.com)  
 </br>[SingleAccretion 62474226+SingleAccretion@users.noreply.github.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=62474226+SingleAccretion@users.noreply.github.com)  
 </br>[Sourabh Shirhatti (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=shirhatti@outlook.com)  
 </br>[SRV  
 roman.sakno@gmail.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=roman.sakno@gmail.com)  
 </br>[sschneider sschneider@overdrive.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=sschneider@overdrive.com)  
 </br>[Stefan Nikolei (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=stefan@nikolei.eu)  
 </br>[Stephen A. (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=clockwork-muse@outlook.com)  
 </br>[Stephen Bonikowsky  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=stebon@microsoft.com)  
 </br>[Stephen Halter (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=halter73@gmail.com)

</br>[Stephen Toub (386)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stoub@microsoft.com>)

</br>[Steve Gordon (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sgordon@hotmail.co.uk>)

</br>[Steve Harter (33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=steveharter@users.noreply.github.com>)

</br>[Steve MacLean (52)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Steve.MacLean@microsoft.com>)

</br>[Steve Pfister (30)](<https://github.com/dotnet/runtime/commits/release/5.0?author=steveisok@users.noreply.github.com>)

</br>[Steve Sanderson (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com>)

</br>[Steven Yeh (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=say25@cornell.edu>)

</br>[Stuart Lang (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stuart.b.lang@gmail.com>)

</br>[SUN Guoyun (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=40024232+sunny868@users.noreply.github.com>)

</br>[Sung Yoon (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=suwhang@microsoft.com>)

</br>[Sven Boemer (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sbomer@gmail.com>)

</br>[Swaroop Sridhar (26)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Swaroop.Sridhar@microsoft.com>)

</br>[Swaroop Sridhar (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=swaroop.sridhar@microsoft.com>)

</br>[Swift Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=swift.kim@samsung.com>)

</br>[symphony symphony2014@users.noreply.github.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=symphony2014@users.noreply.github.com>)

</br>[t-mustafin 66252296+t-mustafin@users.noreply.github.com (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=66252296+t-mustafin@users.noreply.github.com>)

</br>[TalAloni tal.aloni.il@gmail.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tal.aloni.il@gmail.com>)

</br>[Tamar Christina (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=48126768+TamarChristinaArm@users.noreply.github.com>)

</br>[Tammy Qiu (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tammy.qiu@yahoo.com>)

</br>[Tanner Gooding (50)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tagoo@outlook.com>)

</br>[Tanveer Gani (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45886079+tgani-msft@users.noreply.github.com>)

</br>[Tarek Mahmoud (33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tarekms@microsoft.com>)

</br>[Tautvydas ilys (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tautvydas.zilys@gmail.com>)

</br>[Taylor Southwick (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tasou@microsoft.com>)

</br>[Thays Grazia (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@gmail.com>)

</br>[thaystg thaystg@users.noreply.github.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@users.noreply.github.com>)

</br>[Theodore Tsirpanis (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=12659251+teo-tsirpanis@users.noreply.github.com>)

</br>[Thomas

Gassmann (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thomas.gassmann@hotmail.com>)  
 </br>[Thomas Levesque  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com>)  
 </br>[Thorsten Reichert  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ThorstenReichert@users.noreply.github.com>)  
 </br>[Tim Heuer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tim@timheuer.com>)  
 </br>[Tlakaeelel Axayakatl  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tlakaeelel.ceja@microsoft.com>)  
 </br>[Tom Deseyn (22)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tom.deseyn@gmail.com>)  
 </br>[Tom McDonald  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tommcdon@microsoft.com>)  
 </br>[Tomas trylek@microsoft.com  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com>)  
 </br>[Tomas  
 Weinfurt (90)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com>)  
 </br>[Tomasz Kajetan  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tkstanczak@users.noreply.github.com>)  
 </br>[Tom Rylek (124)](<https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com>)  
 </br>[ts2do tsdodo@gmail.com  
 (14)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tsdodo@gmail.com>)  
 </br>[tub5 benrothermel@hotmail.co.uk  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=benrothermel@hotmail.co.uk>)  
 </br>[v-jizho2 v-jizho2@microsoft.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-jizho2@microsoft.com>)  
 </br>[vargaz vargaz@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@users.noreply.github.com>)  
 </br>[Viktor Hofer  
 (156)](<https://github.com/dotnet/runtime/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
 </br>[Vitek Karas (17)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com>)  
 </br>[vitek-karas  
 vitek.karas@microsoft.com  
 (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com>)  
 </br>[Vivek Mishra (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vivmishra@gmail.com>)  
 </br>[vivekbm 7387586+vivekbm@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=7387586+vivekbm@users.noreply.github.com>)  
 </br>[vivmishra vivmish@microsoft.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vivmish@microsoft.com>)  
 </br>[Vlad Brezae (41)](<https://github.com/dotnet/runtime/commits/release/5.0?author=brezaevlad@gmail.com>)  
 </br>[Vladimir Chirikov  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vchirikov@servicetitan.com>)  
 </br>[Vladimir Sadov (40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com>)  
 </br>[Vladislav Richter  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=shutdown256@gmail.com>)  
 </br>[vsadov  
 vsadov@microsoft.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com>)  
 </br>[Va Tauer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vita@nothrow.cz>)

</br>[Werner Mairl (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=werner.mairl@gmail.com>)  
 </br>[wfurt tweinfurt@yahoo.com  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com>)  
 </br>[Will Dean (1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/runtime/commits/release/5.0?author=github_will@indcomp.co.uk))  
 </br>[William Godbe (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wigodbe@microsoft.com>)  
 </br>[William Li (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wul@microsoft.com>)  
 </br>[WonYoung Choi  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wy80.choi@samsung.com>)  
 </br>[wooooooooood 40855076+wooooooooood@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=40855076+wooooooooood@users.noreply.github.com>)  
 </br>[Wraith2  
 wraith2@gmail.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=wraith2@gmail.com>)  
 </br>[xtqqczze 45661989+xtqqczze@users.noreply.github.com  
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45661989+xtqqczze@users.noreply.github.com>)  
 </br>[Yaakov yaakov-h@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yaakov-h@users.noreply.github.com>)  
 </br>[Yair Halberstadt  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yairhalberstadt@gmail.com>)  
 </br>[Yaroslav Yamshchikov  
 (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=y.yamshchiko@samsung.com>)  
 </br>[Yoh Deadfall  
 (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com>)  
 </br>[YohDeadfall yoh.deadfall@hotmail.com  
 (13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com>)  
 </br>[Youssef  
 Victor  
 (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com>)  
 </br>[yowl scott.waye@hubse.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=scott.waye@hubse.com>)  
 </br>[Yuchong Pan  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yuchong.pan@alumni.ubc.ca>)  
 </br>[Yuki Wong (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-kaywon@microsoft.com>)  
 </br>[Zoltan Varga (108)](<https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@gmail.com>)  
 </br>[Zoltn Lehczy  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zoltan.lehoczky@lombiq.com>)  
 </br>  
 ## sdk  
  
 </br>[Aaron Robinson (6)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=arobins@microsoft.com>)  
 </br>[Adam Sitnik (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adam.sitnik@gmail.com>)  
 </br>[Adeel adeelbm@outlook.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com>)  
 </br>[Adeel  
 Mujahid (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com>)  
 </br>[Alex Villarreal (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex@alexvy86.com>)  
 </br>[Alexander Kplinger

(2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com>)  
 </br>[Alfred Myers (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@alfredmyers.com>)  
 </br>[Andy De  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=2672110+Thraka@users.noreply.github.com>)  
 </br>[Andy Gocke (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=andy@commentout.net>)  
 </br>[Andy Zivkovic  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkan@users.noreply.github.com>)  
 </br>[Andy Zivkovic  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkovic.andy@gmail.com>)  
 </br>[Anirudh Agnihotry  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anagniho@microsoft.com>)  
 </br>[Anirudh  
 Agnihotry (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com>)  
 </br>[Anton Lapounov (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=antonl@microsoft.com>)  
 </br>[anvillan anvillan@users.noreply.github.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anvillan@users.noreply.github.com>)  
 </br>[Ben Villalobos  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=villalobosb93@gmail.com>)  
 </br>[Ben Villalobos (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bevillal@microsoft.com>)  
 </br>[Brad Wilson (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnetguy@gmail.com>)  
 </br>[Brian Robbins (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=brianrob@microsoft.com>)  
 </br>[Bruno Logerfo (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bclogerfo@hotmail.com>)  
 </br>[Cristiano  
 Suzuki (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=crsuzuki@microsoft.com>)  
 </br>[Dan Moseley (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=danmose@microsoft.com>)  
 </br>[Daniel Plaisted  
 (159)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=daplaist@microsoft.com>)  
 </br>[Daniel Plaisted (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dsplaisted@gmail.com>)  
 </br>[David Kean (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=davkean@microsoft.com>)  
 </br>[David Maas  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=contact@pathogenstudios.com>)  
 </br>[Deep Choudhery (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=decho@microsoft.com>)  
 </br>[Donnie Goodson  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=donnie.goodson@microsoft.com>)  
 </br>[Drew Noakes (69)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@drewnoakes.com>)  
 </br>[Eli  
 Arbel (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=aelij@arbel.net>)  
 </br>[Elinor Fung (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47805090+elinor-fung@users.noreply.github.com>)  
 </br>[Enrico Sada (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=enrico@sada.io>)  
 </br>[Epsitha Ananth  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)  
 </br>[Eric Erhardt (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)  
 </br>[Fadi Hanna (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=fadim@microsoft.com>)  
 </br>[Forgind Forgind@users.noreply.github.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com>)  
 </br>[Gennadii Altukhov (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=grinrag@gmail.com>)  
 </br>[Huo Yaoyuan (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=huoyaoyuan@hotmail.com>)

</br>[Immo  
Landwerth (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=immol@microsoft.com>)  
</br>[Jacques Eloff  
(16)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com>)  
</br>[Jakub Jare (9)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com>)  
</br>[Jason Zhai  
(4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=AzureTest@vwuzhai002.redmond.corp.microsoft.com>)  
</br>[jbeisner johnbeisner@microsoft.com  
(3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@microsoft.com>)  
</br>[Jeremy Koritzinsky  
(4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jekoritz@microsoft.com>)  
</br>[Joel Verhagen (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jver@microsoft.com>)  
</br>[John Beisner  
(2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com>)  
</br>[John Luo (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johluo@microsoft.com>)  
</br>[Jonathon  
Marolf (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@users.noreply.github.com>)  
</br>[Jonathon Marolf  
(52)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@microsoft.com>)  
</br>[Levi Broderick  
(1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=GrabYourPitchforks@users.noreply.github.com>)  
</br>[Livar Cunha (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=licavalc@microsoft.com>)  
</br>[Livar Cunha (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=livar@live.com>)  
</br>[Lukas Grtzmacher (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=github@lg2.de>)  
</br>[Lukas Lansky (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lulansky@microsoft.com>)  
</br>[Luke Westendorf  
(12)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lukewest@microsoft.com>)  
</br>[Manish Vasani  
(2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mavasani@microsoft.com>)  
</br>[Marc  
Paine (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com>)  
</br>[marcpopMSFT marcpop@microsoft.com  
(3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com>)  
</br>[Martin Ruiz  
(1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=43253759+martinrrm@users.noreply.github.com>)  
</br>[Matt Mitchell (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnet-bot@dotnetfoundation.org>)  
</br>[Matt Mitchell (66)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com>)  
</br>[Mikayla Hutchinson  
(10)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=m.j.hutchinson@gmail.com>)  
</br>[mmitche mmitche@microsoft.com  
(1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com>)  
</br>[MSLukeWest 42553283+MSLukeWest@users.noreply.github.com  
(2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=42553283+MSLukeWest@users.noreply.github.com>)  
</br>[Nathan



Mytelka (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com)  
 </br>[Nick Guerrero (23))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nicholg@microsoft.com)  
 </br>[Nikolche Kolev  
 (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolce1kolev@gmail.com)  
 </br>[Nikolche Kolev (4))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolev@microsoft.com)  
 </br>[Nirmal Guru (2))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Nirmal4G@gmail.com)  
 </br>[nohwnd me@jakubjares.com  
 (2))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com)  
 </br>[Pranav K (2))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=prkrishn@hotmail.com)  
 </br>[Rainer Sigwald (2))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=raines@microsoft.com)  
 </br>[reduckted reduckted@outlook.com  
 (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=reduckted@outlook.com)  
 </br>[Sarah Oslund  
 (138))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com)  
 </br>[sfoslund sfoslund@microsoft.com  
 (27))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com)  
 </br>[Sujit Nayak (2))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sujitn@microsoft.com)  
 </br>[Sven Boemer (13))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sbomer@gmail.com)  
 </br>[Swaroop Sridhar  
 (10))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Swaroop.Sridhar@microsoft.com)  
 </br>[Swaroop Sridhar  
 (5))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=swaroop.sridhar@microsoft.com)  
 </br>[Tom Meschter  
 (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tom.meschter@microsoft.com)  
 </br>[Tom Meschter (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tomescht@microsoft.com)  
 </br>[Tom  
 Matouek (2))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tmat@users.noreply.github.com)  
 </br>[v-chmart v-chmart@microsoft.com (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-chmart@microsoft.com)  
 </br>[Vatsan Madhavan  
 (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vatsan.madhavan@microsoft.com)  
 </br>[Vijay Ramakrishnan  
 (36))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vramak@microsoft.com)  
 </br>[Vijay Ramakrishnan  
 (8))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vijayrkn@users.noreply.github.com)  
 </br>[Viktor Hofer  
 (7))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com)  
 </br>[vitek-karas vitek.karas@microsoft.com  
 (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vitek.karas@microsoft.com)  
 </br>[William Godbe  
 (12))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wigodbe@microsoft.com)  
 </br>[William Li (133))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wul@microsoft.com)  
 </br>[Youssef  
 Victor (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=youssefvictor00@gmail.com)  
 </br>[Youssef Victor  
 (4))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=31348972+Youssef1313@users.noreply.github.com)  
 </br>[Zbynk Sailer (1))(https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)

</br>[Zbynk Sailer (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com>)

</br>

## templating

</br>[Anirudh Agnihotry  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)

</br>[AR-May 67507805+AR-May@users.noreply.github.com  
(5)](<https://github.com/dotnet/wpf/commits/release/5.0?author=67507805+AR-May@users.noreply.github.com>)

</br>[Bekir Ozturk (16)](<https://github.com/dotnet/wpf/commits/release/5.0?author=bozturk@microsoft.com>)

</br>[Brian Robbins (5)](<https://github.com/dotnet/wpf/commits/release/5.0?author=brianrob@microsoft.com>)

</br>[Dan  
Kroymann (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=dan@recroom.com>)

</br>[Eilon Lipton  
(6)](<https://github.com/dotnet/wpf/commits/release/5.0?author=Eilon@users.noreply.github.com>)

</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)

</br>[Gennadii Altukhov (3)](<https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com>)

</br>[Gennadii Altukhov (7)](<https://github.com/dotnet/wpf/commits/release/5.0?author=gealtukh@microsoft.com>)

</br>[grinrag grinrag@gmail.com  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com>)

</br>[Immo Landwerth (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=immol@microsoft.com>)

</br>[Ladi Prosek (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=laprosek@microsoft.com>)

</br>[Matt Mitchell (7)](<https://github.com/dotnet/wpf/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Michael  
Babienko (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=mbabienko@southern.edu>)

</br>[oli oliver.coad@gmail.com  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=oliver.coad@gmail.com>)

</br>[Phil Henning (9)](<https://github.com/dotnet/wpf/commits/release/5.0?author=phenning@microsoft.com>)

</br>[The Gitter (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=badger@gitter.im>)

</br>[Vijay Ramakrishnan (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vramak@microsoft.com>)

</br>[Viktor Hofer (4)](<https://github.com/dotnet/wpf/commits/release/5.0?author=viktor.hofer@microsoft.com>)

</br>[Vlada Shubina  
(1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vladislava.shubina@gmail.com>)

</br>[Vlada Shubina (6)](<https://github.com/dotnet/wpf/commits/release/5.0?author=vshubina@microsoft.com>)

</br>[William Li (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com>)

</br>

##

wcf

</br>[BrentSchmaltz brentschmaltz@hotmail.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=brentschmaltz@hotmail.com>)

</br>[Carol Wang (9)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com>)

</br>[Daniel Setser (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=dasetser@microsoft.com>)

</br>[gojimmypi gojimmypi@gmail.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@gmail.com>)

</br>[gojimmypi gojimmypi@users.noreply.github.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@users.noreply.github.com>)

</br>[Hong Li (17)](<https://github.com/dotnet/wcf/commits/release/3.2?author=hongli@microsoft.com>)  
</br>[Immo Landwerth (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=immol@microsoft.com>)  
</br>[Levi Broderick  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=GrabYourPitchforks@users.noreply.github.com>)  
</br>[Maher Jendoubi (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=maher.jendoubi@gmail.com>)  
</br>[Matt  
Connew (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=matt.connew@microsoft.com>)  
</br>[Matt Connew (29)](<https://github.com/dotnet/wcf/commits/release/3.2?author=mconnew@microsoft.com>)  
</br>[Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/3.2?author=mmitche@microsoft.com>)  
</br>[Michal Ciechan (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=Indcobra@hotmail.com>)  
</br>[Mike Rousos (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=MikeRou@Microsoft.com>)  
</br>[Mike Rousos (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=mikerou@microsoft.com>)  
</br>[mriehm 3916550+mriehm@users.noreply.github.com  
(1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=3916550+mriehm@users.noreply.github.com>)  
</br>[Stephen Bonikowsky  
(17)](<https://github.com/dotnet/wcf/commits/release/3.2?author=stebon@microsoft.com>)  
</br>[Sunny Chen (2)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-fangfc@microsoft.com>)  
</br>[v-carwan  
v-carwan@microsoft.com (13)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com>)  
</br>[Zhaodong v-zhtian@microsoft.com (1)](<https://github.com/dotnet/wcf/commits/release/3.2?author=v-zhtian@microsoft.com>)  
</br>  
## windowsdesktop

</br>[Adam Yoblick  
(6)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=Adam.Yoblick@microsoft.com>)  
</br>[Christopher Costa  
(7)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=chcosta@microsoft.com>)  
</br>[Dan Moseley  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=danmose@microsoft.com>)  
</br>[Davis Goodin  
(5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=dagood@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Eric Erhardt  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
</br>[Hernan  
Martinez  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=hernan.c.martinez@gmail.com>)  
</br>[Igor Velikorossov  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=RussKie@users.noreply.github.com>)  
</br>[Igor Velikorossov  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=igor.velikorossov@microsoft.com>)  
</br>[Immo Landwerth  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=immol@microsoft.com>)

</br>[JC Aguilera  
(1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=juanam@microsoft.com)  
</br>[Jeremy Koritzinsky  
(3)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=jekoritz@microsoft.com)  
</br>[Matt Mitchell  
(23)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=mmitche@microsoft.com)  
</br>[Nikola Milosavljevic  
(1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com)  
</br>[Nikola  
Milosavljevic  
(5)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com)  
</br>[Rob LaDuca  
(2)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com)  
</br>[Robert LaDuca  
(1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=rladuca@gmail.com)  
</br>[Robert LaDuca  
(1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com)  
</br>[Ryland 41491307+ryalanms@users.noreply.github.com  
(1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com)  
</br>[Ryland Alaniz  
(3)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=ryalan@microsoft.com)  
</br>[Vatsan Madhavan  
(11)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=vatsan.madhavan@microsoft.com)  
</br>[Viktor Hofer  
(1)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=viktor.hofer@microsoft.com)  
</br>  
##  
winforms

</br>[Adam Yoblick  
(8)](https://github.com/dotnet/winforms/commits/release/5.0?author=Adam.Yoblick@microsoft.com)  
</br>[Aigamo 51428094+ycanardeau@users.noreply.github.com  
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=51428094+ycanardeau@users.noreply.github.com)  
</br>[Aleksandr Beliaev  
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=Alex.beliayev@gmail.com)  
</br>[Andrew Arnott  
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=Andrew.arnott@Microsoft.com)  
</br>[Andrew Arnott  
(2)](https://github.com/dotnet/winforms/commits/release/5.0?author=andrewarnott@gmail.com)  
</br>[Andrii Kurdiumov  
(2)](https://github.com/dotnet/winforms/commits/release/5.0?author=kant2002@gmail.com)  
</br>[areller areller.gm@gmail.com  
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=areller.gm@gmail.com)  
</br>[Arkady Shapkin  
(1)](https://github.com/dotnet/winforms/commits/release/5.0?author=arkady.shapkin@gmail.com)

</br>[Bruno  
 Logerfo (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=bclogerfo@hotmail.com>)  
 </br>[Charles Stoner (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=chucks@microsoft.com>)  
 </br>[Cristiano Suzuki  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=cristianosuzuki77@gmail.com>)  
 </br>[Cristiano Suzuki  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=crsuzuki@microsoft.com>)  
 </br>[Dan Moseley (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[Davis Goodin  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=dagood@users.noreply.github.com>)  
 </br>[Devendar Reddy  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=dreddy@microsoft.com>)  
 </br>[Eaton eaton@eaton-works.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=eaton@eaton-works.com>)  
 </br>[Filip Navara (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=filip.navara@gmail.com>)  
 </br>[gpetrou  
 4172445+gpetrou@users.noreply.github.com  
 (117)](<https://github.com/dotnet/winforms/commits/release/5.0?author=4172445+gpetrou@users.noreply.github.com>)  
 </br>[gpetrou gipetrou@gmail.com  
 (22)](<https://github.com/dotnet/winforms/commits/release/5.0?author=gipetrou@gmail.com>)  
 </br>[Hugh Bellamy  
 (354)](<https://github.com/dotnet/winforms/commits/release/5.0?author=hughbellars@gmail.com>)  
 </br>[Igor Velikorossov  
 (70)](<https://github.com/dotnet/winforms/commits/release/5.0?author=RussKie@users.noreply.github.com>)  
 </br>[Igor Velikorossov  
 (83)](<https://github.com/dotnet/winforms/commits/release/5.0?author=igor.velikorossov@microsoft.com>)  
 </br>[janbaltus v-jabalt@microsoft.com (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-jabalt@microsoft.com>)  
 </br>[Jaroslav Lobaevski  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=novaisas@gmail.com>)  
 </br>[Jeremy Kuhne  
 (55)](<https://github.com/dotnet/winforms/commits/release/5.0?author=jkuhne@microsoft.com>)  
 </br>[jeremy-visionaid  
 47993233+jeremy-visionaid@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=47993233+jeremy-visionaid@users.noreply.github.com>)  
 </br>[Joseph Musser (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=me@jnm2.com>)  
 </br>[Juan Hoyos  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=juan.hoyos@microsoft.com>)  
 </br>[Judit Varsanyi (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=jvrozsa@gmail.com>)  
 </br>[Klaus Loeffelmann  
 (7)](<https://github.com/dotnet/winforms/commits/release/5.0?author=9663150+KlausLoeffelmann@users.noreply.github.com>)  
 </br>[KlausLoeffelmann klaus.loeffelmann@microsoft.com  
 (14)](<https://github.com/dotnet/winforms/commits/release/5.0?author=klaus.loeffelmann@microsoft.com>)  
 </br>[Konstantin Preier  
 (9)](<https://github.com/dotnet/winforms/commits/release/5.0?author=kpreisner@users.noreply.github.com>)

</br>[Loni  
Tra (7)](<https://github.com/dotnet/winforms/commits/release/5.0?author=loni.tra@gmail.com>)

</br>[Maher Jendoubi  
(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=maher.jendoubi@gmail.com>)

</br>[Markus Szumovski  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=echalone@hotmail.com>)

</br>[Martin Chromecek (4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-chmart@microsoft.com>)

</br>[Matt Mitchell  
(17)](<https://github.com/dotnet/winforms/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Mikhail Lipin (26)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-milipi@microsoft.com>)

</br>[Olia Gavrysh  
(3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=31997351+OliaG@users.noreply.github.com>)

</br>[Paul M  
(4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=paul1956@users.noreply.github.com>)

</br>[Ryuugamine alex.beliayev@gmail.com  
(4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=alex.beliayev@gmail.com>)

</br>[Sam  
Harwell (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sam@tunnelvisionlabs.com>)

</br>[Sam Harwell  
(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sam.harwell@microsoft.com>)

</br>[Sergey Smirnov  
(11)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com>)

</br>[SergeySmirnov-Akvelon sergey.smirnov@akvelon.com  
(5)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com>)

</br>[Shyam Gupta (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=shgu@microsoft.com>)

</br>[Tanya Solyanik  
(14)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tanyaso@microsoft.com>)

</br>[Tim Heuer (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tim@timheuer.com>)

</br>[Tobias Ks (20)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tobias.kaes@gmail.com>)

</br>[v-jiaol 49627022+Amy-Li02@users.noreply.github.com  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=49627022+Amy-Li02@users.noreply.github.com>)

</br>[v-olzhan 26474449+Olina-Zhang@users.noreply.github.com  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=26474449+Olina-Zhang@users.noreply.github.com>)

</br>[v-zhgl 38325459+Zheng-Li01@users.noreply.github.com  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=38325459+Zheng-Li01@users.noreply.github.com>)

</br>[Vatsan Madhavan  
(6)](<https://github.com/dotnet/winforms/commits/release/5.0?author=vatsan.madhavan@microsoft.com>)

</br>[Viktor Hofer  
(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=viktor.hofer@microsoft.com>)

</br>[Vladimir Krestov (13)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-vlkres@microsoft.com>)

</br>[vladimir-krestov 49272759+vladimir-krestov@users.noreply.github.com  
(17)](<https://github.com/dotnet/winforms/commits/release/5.0?author=49272759+vladimir-krestov@users.noreply.github.com>)

krestov@users.noreply.github.com)  
</br>[vperus  
vperus@gmail.com (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=vperus@gmail.com)  
</br>[William Godbe  
(2)](https://github.com/dotnet/winforms/commits/release/5.0?author=wigodbe@microsoft.com)  
</br>[William Kent (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=wjk011@gmail.com)  
</br>[William Li (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=wul@microsoft.com)  
</br>[Xinyan Chen (1)](https://github.com/dotnet/winforms/commits/release/5.0?author=xinychen@microsoft.com)  
</br>[Zachary Danz (3)](https://github.com/dotnet/winforms/commits/release/5.0?author=zsd4yr@virginia.edu)  
</br>[Zbynk Sailer (2)](https://github.com/dotnet/winforms/commits/release/5.0?author=v-zbsail@microsoft.com)  
</br>  
## wpf

</br>[Adam Yoblick  
(5)](https://github.com/dotnet/wpf/commits/release/5.0?author=Adam.Yoblick@microsoft.com)  
</br>[Andy Gocke (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=andy@commentout.net)  
</br>[Arpit  
Dev (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com)  
</br>[Arpit Mathur (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com)  
</br>[Barry Dorrans (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=github.com@idunno.org)  
</br>[Dan Moseley (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=danmose@microsoft.com)  
</br>[David Denis (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=david.denis@systemathics.com)  
</br>[David Wrighton (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=davidwr@microsoft.com)  
</br>[Drew Noakes (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=git@drewnoakes.com)  
</br>[Filip Navara (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=filip.navara@gmail.com)  
</br>[grinrag grinrag@gmail.com  
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com)  
</br>[Jeremy Koritzinsky (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=jekoritz@microsoft.com)  
</br>[Lelary  
lelary@outlook.com (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=lelary@outlook.com)  
</br>[lindexi lindexi@users.noreply.github.com  
(2)](https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi@users.noreply.github.com)  
</br>[lindexi lindexi\_gd@163.com  
(2)](https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi\_gd@163.com)  
</br>[Maher Jendoubi (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=maher.jendoubi@gmail.com)  
</br>[Martin Chromecek (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=v-chmart@microsoft.com)  
</br>[Mateo Torres (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=matorre@microsoft.com)  
</br>[Matt Mitchell (17)](https://github.com/dotnet/wpf/commits/release/5.0?author=mmitch@microsoft.com)  
</br>[Matthias Cavigelli (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=cavigelli@gmail.com)  
</br>[Morten Nielsen  
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=1378165+dotMorten@users.noreply.github.com)  
</br>[Nirmal  
Guru (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=Nirmal4G@gmail.com)  
</br>[Peter Spada (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=peterspa@microsoft.com)  
</br>[predavid 67659949+predavid@users.noreply.github.com  
(2)](https://github.com/dotnet/wpf/commits/release/5.0?author=67659949+predavid@users.noreply.github.com)  
</br>[Rob LaDuca (17)](https://github.com/dotnet/wpf/commits/release/5.0?author=roladuca@microsoft.com)

```

</br>[Robert LaDuca (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=rladuca@gmail.com)
</br>[Rubn Usamentiaga (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=rusamentiaga@uniovi.es)
</br>[Ryland 41491307+ryalanms@users.noreply.github.com
(7)](https://github.com/dotnet/wpf/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com)
</br>[Ryland Alaniz (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=ryalan@microsoft.com)
</br>[Sam
Bent (18)](https://github.com/dotnet/wpf/commits/release/5.0?author=sambent@microsoft.com)
</br>[Sarah Oslund (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=sfoslund@microsoft.com)
</br>[Steve Kirbach (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=steven.kirbach@gmail.com)
</br>[Vatsan Madhavan
(53)](https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@microsoft.com)
</br>[Vatsan Madhavan
(6)](https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@gmail.com)
</br>[William Godbe (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=wigodbe@microsoft.com)
</br>[William Li (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com)
</br>[Youssef Victor
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com
)
Contributions to .NET Core 1.1

```

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

```

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

```

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

## CLI

```

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

```



- [Matt Ellis (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com>)
- [schellap (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)
- [Todd Moscinski (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- 
- [Livar (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
- [Andrew Stanton-Nurse (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)
- [Pavel Krymets (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com>)
- [Ajay Bhargav Baaskaran (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)
- [Jonathan Miller (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Krzysztof Wicher (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
- [Livar Cunha (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com>)
- 
- [Piotr Puskiewicz (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)
- [Troy Dai (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com>)
- [cartermp (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [Pranav K (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Rohit Agrawal (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Bill Wert (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [cartermp (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phillip.carter@outlook.com>)
- [Bryan (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
- [MichaelSimons (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Petr Onderka (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gs Vick@gmail.com>)
- 
- [PiotrP (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)

## CoreCLR

- [James Ko (53)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jamesqko@gmail.com>)
- [Jan Kotas (45)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jkotas@microsoft.com>)
- [Pat Gavlin (43)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=pagavlin@microsoft.com>)
- [Bruce Forstall (38)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=brucefo@microsoft.com>)
- [Kyungwoo Lee (33)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=kyulee@microsoft.com>)
- [wtgodbe (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=wigodbe@microsoft.com>)
- [Rahul Kumar (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=rahku@microsoft.com>)
- [Aditya Mandaleeka (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adityam@microsoft.com>)
- 
- [Brian Sullivan (26)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=briansul@microsoft.com>)
- [Andy Ayers (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=andya@microsoft.com>)
- [Gaurav Khanna (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=gkhanna@microsoft.com>)
- [Stephen Toub (23)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=stoub@microsoft.com>)
- [Jan Vorlicek (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=janvorli@microsoft.com>)
- [Mike McLaughlin (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mikem@microsoft.com>)
- [Carol Eidt (21)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=carol.eidt@microsoft.com>)
- [Jonghyun Park (18)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=parjong@gmail.com>)
- [Mike Danes (17)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=onemihaid@hotmail.com>)
- 
- [Smile Wei (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=xiwe@microsoft.com>)
- [Ben Adams (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=thundercat@illyriad.co.uk>)
- [Michelle McDaniel (15)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adiaaida@gmail.com>)
- [Prajwal A N (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=an.prajwal@samsung.com>)
- [Fadi Hanna (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=fadim@microsoft.com>)
- [Peter Jas (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=necmon@yahoo.com>)
- [Rama Krishnan Raghupathy (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=ramarag@microsoft.com>)
- [Lakshmi Priya Sekar (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=lasekar@microsoft.com>)
- [Justin Van Patten (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jvp@justinvp.com>)
- 
- [Eric Mellino (12)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=erme@microsoft.com>)
- [Sean Gillespie (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=segilles@microsoft.com>)
- [Matt Mitchell (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mmitche@microsoft.com>)
- [Russ Keldorph (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=Russ.Keldorph@microsoft.com>)
- [Koundinya Veluri (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=kouvel@microsoft.com>)
- [John Chen (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jochen@microsoft.com>)
- [Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sjlee@mail.com>)
- [Evgeny Pavlov (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=e.pavlov@samsung.com>)
- [Maoni0 (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=maonis@microsoft.com>)
- [Matt Ellis (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=matell@microsoft.com>)
- [Evgeny Pavlov (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=lucenticus@gmail.com>)
- [Pat Gavlin (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=pgavlin@gmail.com>)
- [jashoo (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jashoo@microsoft.com>)

- [Alex Ghiondea  
(9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com>)
- [Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=swaroops@microsoft.com>)
- [Jose Perez Rodriguez  
(8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joperezr@microsoft.com>)
- [Geunsik Lim  
(8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=leemgs@users.noreply.github.com>)
- [Joseph Tremoulet (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jotrem@microsoft.com>)
- [Hanjoung  
Lee (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hanjoung.lee@samsung.com>)
- [Aditya Mandaleeka  
(6)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityamandaleeka@users.noreply.github.com>)
- [chunseoklee (6)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chunseoklee@naver.com>)
- [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=gsvick@gmail.com>)
- [Vance Morrison  
(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancemorrison@comcast.net>)
- [Tarek Mahmoud Sayed  
(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [MyungJoo Ham  
(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@gmail.com>)
- [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
- [Kshama Pawar (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kspawa@microsoft.com>)
- [Hyung-Kyu Choi  
(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hqueue@users.noreply.github.com>)
- [Lakshmi Priya  
(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Priya91@users.noreply.github.com>)
- [Sejong Oh (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)
- [David Mason (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=davmason@microsoft.com>)
- [Jarret Shook (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)
- [Wes Haggard  
(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)
- [Davis Goodin (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dagood@microsoft.com>)
- [sivarv (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sivarv@microsoft.com>)
- [stephentoub (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=stoub@microsoft.com>)
- [Hyung-Kyu Choi  
(3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hk0110.choi@samsung.com>)
- [krk (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=keremkat@gmail.com>)
- [Ivan Baravy (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=i.baravy@samsung.com>)
- [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancem@microsoft.com>)
- [Yi Zhang (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=yzha@microsoft.com>)
- [dotnet bot (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dotnet-bot@dotnetfoundation.org>)
- [Joel Hendrix (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
- [Brian Robbins (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=brianrob@microsoft.com>)
- [Dmitri-Botcharnikov  
(3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dmitry.b@samsung.com>)
- [Drew Scoggins (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=anscoggi@microsoft.com>)

- 
- [Egor Chesakov (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-egche@microsoft.com>)
- [Eric St. John (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ericstj@microsoft.com>)
- [Eugene Rozenfeld (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erozen@microsoft.com>)
- [Bruce Bowyer-Smyth (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bbowyersmyth@live.com.au>)
- [Maoni Stephens (3)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com>)
- [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.com>)
- [Dan Moseley (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=danmose@microsoft.com>)
- [William Godbe (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=wigodbe@microsoft.com>)
- [Viacheslav Nikolaev (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.ru>)
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- [Hannah Zhang (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-hazhan@microsoft.com>)
- [Lubomir Litchev (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lubol@microsoft.com>)
- [Geunsik Lim (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=geunsik.lim@samsung.com>)
- [Hanjoung Lee (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=waterets@gmail.com>)
- [Manu (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=manu-silicon@users.noreply.github.com>)
- [MyungJoo Ham (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@samsung.com>)
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- [Senthil (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=schellap@microsoft.com>)
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- [Deepak Shankargouda (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=deshank@microsoft.com>)
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- [vinnyrom (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vinnyrom@microsoft.com>)
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- [Hyeongseok Oh (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hseok82.oh@smasung.com>)
- [Rich Lander (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rlander@microsoft.com>)
- [ukasz Domeradski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=JustArchi@users.noreply.github.com>)
- [Adam Speight

(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=AdamSpeight2008@users.noreply.github.com>)

- [Andrey Kvochko
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com>)
- [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=atsushik@microsoft.com>)
- [Austin Wise (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=AustinWise@gmail.com>)
- [Barry Dorrans
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com>)
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- [Bryan P. Arant (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bryanar@microsoft.com>)
- [Chris McKinsey (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chrismck@microsoft.com>)
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- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dpodder@gmail.com>)
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- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jeremy.kuhne@microsoft.com>)
- [Jim Ma (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mazong1123@gmail.com>)
- [Jiyoung Giuliana Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t2wish@gmail.com>)
- [Jiyoung Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jy910.yun@samsung.com>)
- [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jsokla@microsoft.com>)
- [JohnChen0 (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
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- [Jose Manuel Heredia Hidalgo
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joheredi@microsoft.com>)
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjonigsen.net>)
- [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=juergen@hoetzel.info>)
- [KrzysztofCwalina
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kcwalina@microsoft.com>)
- [Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kurt+github@aadnoy.info>)
- [Lorenzo Tessoro
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lt72@users.noreply.github.com>)
- [Lubomir Litchev
- (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=LLITCHEV@users.noreply.github.com>)
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[Lukasz Tomczyk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lutom@microsoft.com>)

- [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mairaw@microsoft.com>)

- [Martin Woodward (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=martin@dotnetfoundation.org>)

- [Matt Warren (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matt.warren@live.co.uk>)

- [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=michals@microsoft.com>)

- [Mikhail I. Krivtsov (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=m.krivtsov@samsung.com>)

- [Mukul Sabharwal (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mjsabby@gmail.com>)

- [Oguz Bastemur (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=obastemur@users.noreply.github.com>)

- [Oleg Demchenko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=olegoid91@gmail.com>)

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[Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pefoley2@pefoley.com>)

- [Peter Kukol (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pkukol@users.noreply.github.com>)

- [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=prajwal.an92@gmail.com>)

- [Rajkumar Janakiraman (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=janakiraman.rajkumar@gmail.com>)

- [SaeHie Park (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=saehie.park@samsung.com>)

- [Sasha Semennikov (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=alsemenn@sashas-mbp.guest.corp.microsoft.com>)

- [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sean.william.g@gmail.com>)

- [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)

- [Sergiy Kuryata (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sergeyk@microsoft.com>)

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[Shahid Khan (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=shahid.mrd@hotmail.com>)

- [Swaroop Sridhar (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Swaroop.Sridhar@microsoft.com>)

- [Tarekm Mahmoud Sayed (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com>)

- [Tijoy Tom Kalathiparambil (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tijoytk@microsoft.com>)

- [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com>)

- [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=xiangyang.guo@intel.com>)

- [dotnet bot (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dotnet-bot@microsoft.com>)

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- [jashook (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)

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[joemmett (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joemmett@microsoft.com>)

- [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=code.kchoi@gmail.com>)

- [kingces95 (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kingces95@users.noreply.github.com>)

- [kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com>)

- [mkborg (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)

- [noahfalk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=noahfalk@users.noreply.github.com>)

(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=noahfalk@users.noreply.github.com>)  
- [sepidehMS (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekho@microsoft.com>)  
- [tjjoytom  
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tjjoytom@users.noreply.github.com>)  
- [Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adam.sitnik@gmail.com>)

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- [Stephen Toub (179)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com>)  
- [Eric St. John (88)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com>)  
- [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shmao@microsoft.com>)  
- [Hugh Bellamy (57)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hughbellars@gmail.com>)  
- [Jeremy Barton (38)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jbarton@microsoft.com>)  
- [Lakshmi Priya Sekar  
(33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lasekar@microsoft.com>)  
- [Eric Mellino (33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=erme@microsoft.com>)  
- [Ian Hays (29)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ianha@microsoft.com>)  
- [Tom Matouek  
(27)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tmatt@users.noreply.github.com>)  
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[James Ko (27)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jamesqko@gmail.com>)  
- [Justin Van Patten (23)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jvp@justinvp.com>)  
- [Matt Ellis (22)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=matell@microsoft.com>)  
- [David Shulman  
(18)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=david.shulman@microsoft.com>)  
- [Jon Hanna (17)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jon@hackcraft.net>)  
- [Karthik Rajasekaran  
(15)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=karajas@microsoft.com>)  
- [Bart De Smet (14)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bartde@microsoft.com>)  
- [Wes Haggard  
(14)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)  
- [Mariana Rios Flores  
(13)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mariari@microsoft.com>)  
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[Eric Eilebrecht  
(12)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@users.noreply.github.com>)  
- [Davis Goodin (12)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dagood@microsoft.com>)  
- [Petr Onderka (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gs Vick@gmail.com>)  
- [Joel Hendrix (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jhendrix@microsoft.com>)  
- [Julien Couvreur  
(11)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=julien.couvreur@gmail.com>)  
- [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gkhanna@microsoft.com>)  
- [Cristian Pop (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Cristian.Pop@microsoft.com>)  
- [Deepak Shankargouda  
(9)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=deshank@microsoft.com>)  
- [Nick Guerrero (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=nicholg@microsoft.com>)  
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[Tomas Matousek  
 (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tomas.matousek@microsoft.com>)  
 - [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=corivera@microsoft.com>)  
 - [Christopher Costa (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=chcosta@microsoft.com>)  
 - [Jose Perez Rodriguez  
 (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=joperezr@microsoft.com>)  
 - [Saurabh Singh (7)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=saurabh500@gmail.com>)  
 - [chcosta (7)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=chcosta@microsoft.com>)  
 - [Hyeongseok Oh (6)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=hseok82.oh@smasung.com>)  
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 - [Matt Galbraith (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mattgal@microsoft.com>)  
 - [Eric  
 Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@hotmail.com>)  
 - [Tijoy Tom Kalathiparambil  
 (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tijoytk@microsoft.com>)  
 - [SGuy Ge (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sguylge@microsoft.com>)  
 - [Denis Istomin (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=istomin.den@gmail.com>)  
 - [Sung-Jae Lee (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sjlee@mail.com>)  
 - [huanwu (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=huanwu@microsoft.com>)  
 - [Jan Kotas (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jkotas@microsoft.com>)  
 - [vitek-karas (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vitek.karas@microsoft.com>)  
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 - [Andrew Stanton-Nurse  
 (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=andrew@andrewnurse.net>)  
 - [Jeremy Kuhne  
 (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jeremy.kuhne@microsoft.com>)  
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 - [sjsujin.kim (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sjsujin.kim@samsung.com>)  
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 - [Thomas Stringer (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tr.stringer@outlook.com>)  
 - [Vance Morrison (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vancem@microsoft.com>)



- [Vance Morrison  
(2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vancemorrison@comcast.net>)
- [Bret Ambrose (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bambrose@amazon.com>)
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- [bjjones (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=brandon1.jones@intel.com>)
- [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jy910.yun@samsung.com>)
- [louluqun (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=louluqun@hotmail.com>)
- [maririos (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mariari@microsoft.com>)
- [Alex Ghiondea  
(2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ghiondea.alexandru@microsoft.com>)
- [Andy Gocke (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=angocke@microsoft.com>)
- [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=stoub@microsoft.com>)
- [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mikem@microsoft.com>)
- [Lakshmi Priya  
(2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Priya91@users.noreply.github.com>)
- 
- [lukasz Domeradzki  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=JustArchi@users.noreply.github.com>)
- [Alexander Kozlenko  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=alexander.kozlenko@live.com>)
- [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=anpete@microsoft.com>)
- [Anthony van der Hoorn  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=anthony.vanderhoorn@gmail.com>)
- [Austin Wise (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=AustinWise@gmail.com>)
- [Barry Dorrans  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Barry.Dorrans@microsoft.com>)
- [Ben Adams (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=thundercat@illyriad.co.uk>)
- [Bruce Bowyer-Smyth  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bbowyersmyth@live.com.au>)
- [Bryan P. Arant (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bryanar@microsoft.com>)
- 
- [Chickenzilla  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Chickenzilla@users.noreply.github.com>)
- [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=christian@chwe.at>)
- [Cristian Pop  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=CIPop@users.noreply.github.com>)
- [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dsplaisted@gmail.com>)
- [David Sherret (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dscherret@gmail.com>)
- [David Zucker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=davzucky@hotmail.com>)
- [Dmitri-Botcharnikov  
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dmitry.b@samsung.com>)
- [Dmitry-Me (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=wipedout@yandex.ru>)
- [Dylan Borg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=borgdylan@hotmail.com>)
- 
- [Eric Eilebrecht (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@microsoft.com>)
- [Eric StJohn (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericstj@microsoft.com>)
- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=e.pavlov@samsung.com>)
- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=lucenticus@gmail.com>)

- [Gene Lee (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gelee@microsoft.com>)
- [Hyeongseok Oh (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hseok82.oh@samsung.com>)
- [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=immol@microsoft.com>)
- [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jasonpa@microsoft.com>)
- [Josh Free (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joshfree@users.noreply.github.com>)
- 
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jostein@kjonigsen.net>)
- [Julien (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jcouv@users.noreply.github.com>)
- [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=kouvel@microsoft.com>)
- [Maira Wenzel (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mairaw@users.noreply.github.com>)
- [Marek (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=GitHub@marekfiser.cz>)
- [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=fubar-coder@users.noreply.github.com>)
- [Oren Novotny (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=oren@novotny.org>)
- [Peter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [Peter Jas (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmon@yahoo.com>)
- [R. Fontenot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=robwobbol@gmail.com>)
- 
- [Rainer Sigwald (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=raines@microsoft.com>)
- [Rama Krishnan Raghupathy (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ramarag@microsoft.com>)
- [Rich Lander (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=rlander@microsoft.com>)
- [Russ Keldorph (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saehie.park@samsung.com>)
- [Shahriar Gholami (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shrgholami@gmail.com>)
- [Stephen Bonikowsky (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stebon@microsoft.com>)
- [Steve Harter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=steveharter@users.noreply.github.com>)
- [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tagoo@microsoft.com>)
- 
- [Tarekm Mahmoud Sayed (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [VSadov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vsadov@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com>)
- [Yi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yzha@microsoft.com>)
- [Yongseop Kim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yons.kim@samsung.com>)
- [alkurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alkurian@microsoft.com>)
- [alphonsekurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alphonsekurian@icloud.com>)
- [dotnet bot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dotnet-bot@microsoft.com>)
- [huanwu@microsoft.com (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com>)
-

- [jarenduan (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jarenduan@gmail.com>)
- [mkborg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)
- [mlacouture (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mlacouture@msn.com>)
- [sichbo (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=simon@sichbo.ca>)
- [sjsujinkim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com>)
- [steveharter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sharter@microsoft.com>)
- [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=michael@senexx.com>)
- [yfakariya (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yfakariya@gmail.com>)
- [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@microsoft.com>)

## ## WCF

- 
- [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=stebon@microsoft.com>)
- [Ron Cain (48)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=roncain@microsoft.com>)
- [Jason Pang (42)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasonpa@microsoft.com>)
- [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>)
- [Zhenlan Wang (5)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=zhenlwa@microsoft.com>)
- [Jason Pang (4)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=iamjasonp@users.noreply.github.com>)
- [Eric Mellino (2)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Matt (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com>)
- 
- [Joel Hendrix (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jhendrix@microsoft.com>)
- [Barry Dorrans (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com>)
- [Matt Ellis (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=matell@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com>)

# 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 Lorbetske (39)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)
- \* [Nick Guerrera (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>)
- \* [Ashley Hauck (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com>)
- \*
- [Kevin Ransom (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com>)
- \* [Steve Sanderson (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com>)
- \* [Mikkel Nylander Bundgaard (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com>)
- \* [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)
- \* [Ankit Mishra (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)
- \* [Ashish Jain (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com>)
- \* [Matt Ellis (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)
- \* [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- \* [Nikolche Kolev (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolev@microsoft.com>)
- \* [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)
- \*
- [jonsequitur (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequira@gmail.com>)
- \* [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)
- \* [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=saehie.park@samsung.com>)
- \* [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com>)
- \* [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jltc.co.uk>)
- \* [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=xingmu33@gmail.com>)
- \* [Faizan2304 (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faizan2304@hotmail.com>)
- \* [Zbynk Sailer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)
- \* [Arun Mahapatra (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com>)
- \*
- [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitche@microsoft.com>)
- \* [Omair Majid (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com>)

## ## CoreCLR

- \* [Brian Robbins (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)
- \* [wtgodbe (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Steve MacLean, Qualcomm Datacenter Technologies, Inc  
(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Jan Kotas (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)

\* [Pat Gavlin (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)

\* [Mike McLaughlin (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [Pat Gavlin (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\*

[Sergey Andreenko (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)

\* [jashook (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\* [Jonghyun Park (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)

\* [Mukul Sabharwal (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

\* [Drew Scoggins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Tarek Mahmoud Sayed  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Wes Haggard  
(4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [Joseph Tremoulet (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)

\*

[Jan Vorlicek (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)

\* [Koundinya Veluri (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Alex Ghiondea  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)

\* [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

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

\* [Jeremy Kuhne  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Justin Van Patten (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [Stephen Toub (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)

\*

[Steve MacLean  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Sujin Kim (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

\* [Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Michelle McDaniel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [mskvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

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

\* [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)

\*

[Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)

\* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Jose Perez Rodriguez  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

- \* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- \* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)
- \* [Igor Kulaychuk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)
- \* [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- \* [chunseoklee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)
- \* [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)
- \*
- [Morgan Brown (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)
- \* [Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)
- \* [Sebastian Lauber (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

## ## CoreFX

- \* [Stephen Toub (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- \* [Hugh Bellamy (36)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)
- \* [Viktor Hofer (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- \* [Eric St. John (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Dan Moseley (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [Atsushi Kanamori (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)
- \*
- [Wes Haggard (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
- \* [Jeremy Barton (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)
- \* [Santiago Fernandez Madero (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)
- \* [Atsushi Kanamori (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)
- \* [Lakshmi Priya Sekar (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)
- \* [Shin Mao (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [Jeremy Kuhne (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)
- \* [Morgan Brown (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)
- \* [Cory Rivera (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)
- \*
- [Sepideh Khoshnood (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
- \* [Santiago Fernandez (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)
- \* [Saurabh Singh (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)
- \* [Krzysztof Wicher (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)
- \* [Eric Mellino (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)
- \* [Eric StJohn (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Vance Morrison (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Tarek Mahmoud Sayed (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

\*

[Krzysztof Wicher (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)

\* [Ian Hays (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)

\* [Matt Ellis (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Cristian Pop (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

\* [Frdric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)

\* [Jiayi Li (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

\* [Jose Perez Rodriguez (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)

\* [Liudmila Molkova (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)

\* [Matt Galbraith (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)

\*

[Matt Mitchell (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com>)

\* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

\* [Alex Ghiondea (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Huangli Wu (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\* [Wes Haggard (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

\* [stephenmichaelf (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)

\* [Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

\* [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

\* [Karel Zikmund (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

\*

[Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com>)

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

\* [Steve Harter (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)

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

\* [Cristian Pop (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

\* [Tom Matouek (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

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

\* [Carol Wang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)

\*

[Vladyslav (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com>)

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

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

\* [Justin Van Patten (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

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

- \* [Julien Couvreur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com>)
- \* [Alex Ghiondea (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)
- \* [Matt Connew (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [vsadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
- \* [Jason Lin (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com>)
- \*
- [Robert Anderson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)
- \* [Jan Kotas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \* [Gene Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)
- \* [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

- \* [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>)
- \* [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>)

\* [Jon Sequeira (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 Lorbetske (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>)

\* [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 Lorbetske (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>)

\*  
 [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>)  
 \* [Davis Goodin (3)](<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>)  
 \* [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)  
 \* [seancpeters (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sepeters@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>)  
 \* [Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)  
 \*  
 [Chris Rummel (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)  
 \* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)  
 \* [Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)  
 \* [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=frsilb@microsoft.com>)  
 \* [Shannon (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sdeminick@gmail.com>)  
 \* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jiy910.yun@samsung.com>)  
 \* [Rohit (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com>)  
 \* [Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nimullen@microsoft.com>)  
 \* [Alex Barney (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=thealexbarney@gmail.com>)  
 \* [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rrelyea@microsoft.com>)  
 \*  
 [Petr Onderka (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=gs Vick@gmail.com>)  
 \* [Phil Henning (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=phenning@microsoft.com>)  
 \* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)  
 \* [Richard Lander (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)  
 \* [Karthik Rajasekaran (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=karajas@microsoft.com>)  
 \* [Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)  
 \* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)  
 \* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)  
 \* [Ken Dale (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)  
 \* [Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)  
 \*  
 [Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)  
 \* [Martin Andreas Ullrich  
 (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)  
 \* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)  
 \* [Matt Galbraith  
 (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)  
 \* [Michael Simons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)  
 \* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)  
 \* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)  
 \* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)  
 \* [Rainer Sigwald (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)  
 \*  
 [Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)  
 \* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)

- \* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)
- \* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)
- \* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)
- \* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)
- \* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)
- \* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)
- \* [Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)
- \*

[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>)
- \*
- [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=wigodbe@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>)
- \* [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com>)
- \*

[Sergey Andreenko (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)

- \* [Jan Vorlicek (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)
- \* [Aditya Mandaleeka (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)
- \* [Michelle McDaniel (39)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)
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- \* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (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>)
- \* [dotnet

bot (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dotnet-bot@dotnetfoundation.org>)

\* [Carol Eidt (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)

\* [Sean Gillespie (30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

\* [Gaurav Khanna (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)

\* [Justin Van Patten (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)

\* [Tarek Mahmoud Sayed  
(28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [Mikhail Skvortcov  
(26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com>)

\* [Atsushi  
Kanamori  
(26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Ben Adams (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [Alex Perovich (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Dan Moseley (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)

\* [jashook (21)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Frederik Carlier  
(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Steve MacLean  
(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Hyung-Kyu Choi  
(19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Brian  
Sullivan (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com>)

\* [Evgeny Pavlov (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com>)

\* [Jeremy Kuhne  
(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Drew Scoggins (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Mike McLaughlin (16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [Michal Strehovsk  
(16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)  
)

\* [John Chen (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

\* [Russ Keldorph  
(13)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

\*

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

\* [ahsonkhan (12)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [Ahson Ahmed Khan  
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Dmitry-Me (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com>)

\* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork->

muse@outlook.com)

\* [Tanner Gooding (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [Swaroop Sridhar (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\* [Hanjoung Lee (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

\* [Hyung-Kyu Choi (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\*

[Ian Hays (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com>)

\* [Igor Kulaychuk (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

\* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)

\* [Pat Gavlin (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\* [Jim Ma (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)

\* [William Godbe (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Alexander Radchenko (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

\* [Alex Ghiondea (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

\* [ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)

\* [Eric Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Matt Mitchell (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitch@microsoft.com>)

\* [Davis Goodin (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [Alexander Soldatov (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com>)

\* [Faizur Rahman (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Hyeongseok Oh (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Vance Morrison (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com>)

\* [Sujin Kim (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Jon Hanna (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net>)

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[Eric Erhardt (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [SaeHie Park (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@samsung.com>)

\* [Rich Lander (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Jos Rivero (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Yi Zhang (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

\* [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com>)

\* [Karel Zikmund (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

\* [Matt Warren (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk>)

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[Peter Marcu (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Yongseop Kim (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com>)

\* [Daniel Podder (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)

\* [Adam Sitnik (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com>)

\* [Maoni Stephens (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

\* [Hugh Bellamy (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellars@gmail.com>)

\* [Mandar Sahasrabudde (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [Sven Boemer (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)

\* [Buyduck (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com>)

\*

[noahfalk (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com>)

\* [Aditya Mandaleeka (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com>)

\* [Brian Robbins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

\* [LaSombra (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com>)

\* [Omar Tawfik (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\* [chunseoklee (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

\* [Julien Couvreur (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Cyd Haselton (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com>)

\* [Sedar Gokbulut (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Sean Gillespie (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sasha Semennikov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

\* [Felipe Fujiy Pessoto (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

\* [Ilya (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com>)

\*

[Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)

\* [Peter Kukol (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

\* [Petr Onderka (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gsvick@gmail.com>)

\* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)

\* [mskvortsov (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Dmitry (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)

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

\* [Santiago Fernandez Madero (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safem@microsoft.com>)

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\*

[Phil Christensen (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com>)

\* [Dmitry-Me (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru>)

\* [Fei Peng (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com>)

\* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

\* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=muks@microsoft.com>)

\* [Roman Artemev (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com>)

\* [Smile Wei (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

\* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)

\* [Omair Majid (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com>)

\*

[Bruce Bowyer-Smyth (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\* [Eric St. John (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com>)

\* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)

\* [varocarbas (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=contact@customsolvers.com>)

\* [Paul Westcott (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=p.westcott@gmail.com>)

\* [Luis G (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lggomez@users.noreply.github.com>)

\* [Maoni0 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maonis@microsoft.com>)

\* [Andrey Akinshin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)

\* [Rama krishnan Raghupathy (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\*

[kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)

\* [Daniel Podder (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dpodder@gmail.com>)

\* [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Wes Haggard (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [ahsonkhan (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [adiaaaida (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)

\* [AlexGhiondea (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\*

[Alexandre Mutel (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com))

\* [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

\* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendon@users.noreply.github.com>)

\* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)

\* [Christoph Neumüller (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

\* [DDCloud (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

\* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)

\*

[Dmitri-Botcharnikov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dmitry.b@samsung.com>)

\* [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)

\* [Eugene Rozenfeld (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com>)

\* [Fadi Hanna (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fadim@microsoft.com>)

\* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)

\* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

\* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)

\* [Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)

\* [Hanjoung Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)

\* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)

\*

[Ionut Tamas (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash\\_ionut@hotmail.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com))

\* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)

\* [John Bottenberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com>)

\* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)

\* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

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

\* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)

\* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)

\*

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

\* [Maarten Mensink (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

\* [Marek Linka (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

\* [Martijn Hoekstra (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com>)

\* [Matthew Parkinson (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

\* [Michael Letterle (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

\* [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)

\*

[Mikhael Skvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)



\* [Nicol Carandini  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)

\* [Ofer Zelig  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)

\* [Olof Olsson  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

\* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)

\* [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)

\* [Peter Smulovics  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)

\* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)

\*

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

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

\* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)

\* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)

\* [Russ Keldorph  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)

\* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

\* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

\* [Sivarv (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\*

[Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

\* [Steve MacLean, Qualcomm Datacenter Technologies Inc  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Thiago Camargos Lopes  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)

\* [Tom Deseyn (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

\* [Toni Solarin-Sodara  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)

\* [Varun Venkatesan  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)

\* [Vijay Ramakrishnan  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)

\* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

\* [Viktor  
Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)

\* [Xiangyang (Mark) Guo  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)

\* [Yuriy Solodky  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)

\* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)

\* [cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)

\* [darxis (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com>)

\* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

- \* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)
- \* [giuliohome (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)
- \* [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- \* [ikopylov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)
- \* [jorive (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)
- \* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)
- \* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)
- \* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)
- \* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)
- \* [vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

## ## CoreFX

- \* [Stephen Toub (535)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- \* [Jon Hanna (344)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)
- \* [Eric St. John (285)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Eric Mellino (167)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)
- \* [Jose Perez Rodriguez (116)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)
- \* [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>)
- \* [Ian Hays (90)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)
- \* [Santiago Fernandez Madero (88)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)
- \* [Jan Kotas (80)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \* [Anthony Langsworth (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)
- \* [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
- \* [Dan Moseley (73)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [sepedehMS (59)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
- \* [Liudmila Molkova (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)
- \* [Alex Perovich (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
- \* [Tarek Mahmoud Sayed (56)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)
- \* [Krzysztof Wicher (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)
- \* [Karel Zikmund (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- \* [Jeremy Kuhne

(52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

- \* [Jeremy Barton (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)
- \* [Justin Van Patten (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)
- \* [Shin Mao (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [danmosemsft (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)
- \* [Stephen A. Imhoff (32)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)
- \*
- [Viktor Hofer (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- \* [Matt Galbraith (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)
- \* [Alex Ghiondea (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)
- \* [Matt Mitchell (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \* [Bart J.F. De Smet (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)
- \* [David Shulman (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)
- \* [Davis Goodin (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)
- \* [Atsushi Kanamori (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)
- \* [Steve Harter (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)
- \* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
- \* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)
- \* [Frederik Carlier (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)
- \* [Alexander Radchenko (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)
- \* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)
- \* [Ahson Ahmed Khan (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)
- \* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)
- \*
- [Wes Haggard (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)
- \* [dotnet-bot (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dotnet-bot@microsoft.com>)
- \* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)
- \* [Tijoy Tom Kalathiparambil (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)
- \* [Gaurav Khanna (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)
- \* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)
- \* [Koundinya Veluri (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)
- \* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)
- \* [Hyeongseok Oh

(15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\*

[qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

\* [Will Dean (15)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk))

\* [Krzysztof Wicher

(14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

\* [Saurabh Singh (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

\* [Rama Krishnan Raghupathy

(14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Dennis "D.C." Dietrich

(13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

\* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)

\* [Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)

\* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)

\*

[Huangli Wu (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

\* [Atsushi Kanamori

(12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

\* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)

\* [Karel Zikmund (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

\* [Hyung-Kyu Choi

(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)

\* [Tarekm Mahmoud Sayed

(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Tom Matouek

(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

\*

[Matt Galbraith

(9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

\* [Matt Ellis (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Cristian Pop (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

\* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Pavel Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)

\* [Sepideh Khoshnood (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Jiyoung Yun (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

\* [Santiago Fernandez (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)

\* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [chunseoklee

(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

\* [Mandar Sahasrabuddhe

(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [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

(7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

- \* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com>)
- \* [MichaelSimons (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>)
- \*
- [Gene Lee (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)
- \* [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>)
- \* [Vance Morrison (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)
- \* [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>)
- \* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)
- \* [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>)
- \*
- [nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)
- \* [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>)
- \* [Davis Goodin (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)
- \* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)
- \* [Anton Lapounov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)
- \* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)
- \* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)
- \*
- [the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)
- \* [Adam Friedman (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)
- \* [Jiayi Li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)
- \* [loulouqun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=loulouqun@hotmail.com>)
- \* [Julien Couvreur (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)
- \* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)
- \* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)
- \* [Carol Wang (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- \* [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
- \* [Hyeongseok Oh (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)
- \*
- [Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)
- \* [Darren Hoehna (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)
- \* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)
- \* [Nick Guerrero (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)
- \* [Egor Bogatov (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)
- \* [Robert Anderson (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

- \* [Eric Erhardt (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- \* [stone-li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)
- \* [AlexGhiondea

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

- \* [Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)
- \* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)
- \* [Bruce Bowyer-Smyth

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

- \* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)
- \* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)
- \* [Cristian Pop

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

- \* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)
- \* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)
- \* [Stephen Cleary

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

- \* [v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)
- \* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)
- \* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)
- \* [Stanislav Ushakov

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)

- \* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)
- \* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)
- \* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN>)
- \* [Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)
- \* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)
- \* [geoffkizer

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

- \* [FAREASTv-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)
- \* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
- \* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)
- \* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)
- \* [Lakshmi Priya Sekar

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

- \* [Koundinya Veluri

(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

- \* [huanwu (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)
- \* [cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)
- \* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)
- \* [Attila Hajdrik (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=athajdri@microsoft.com>)
- \* [Viacheslav Ivanov

(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

- \* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

\* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)  
 \* [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)  
 \* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)  
 \* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)  
 \* [ahsonkhan  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)  
 \* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)  
 \*  
 [ahsonkhan (2)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))  
 \* [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@microsoft.com>)  
 \* [Gaurav Khanna (CLR)  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)  
 \* [Axel Heer (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=axel@heer.eu>)  
 \* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)  
 \* [Shiming Ge (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-shige@microsoft.com>)  
 \* [Caesar Chen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)  
 \* [Michal Strehovsk  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)  
 \* [Yi Zhang (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yzha@microsoft.com>)  
 \* [Felipe  
 Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)  
 \* [Hyung-Kyu Choi  
 (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)  
 \* [Qi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)  
 \* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)  
 \* [Alexander Kplinger  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)  
 \* [Alexandre Mutel  
 (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com))  
 \* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)  
 \* [Alexis Nowikowski  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com>)  
 \* [Andrew Au (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cshung@gmail.com>)  
 \* [Andrey Kurdyumov  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)  
 \* [Andy Ayers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=andya@microsoft.com>)  
 \* [Benjamin Bartels  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)  
 \* [Bin Du (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bindu@microsoft.com>)  
 \* [Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)  
 \* [Brian Robbins (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com>)  
 \* [Caesar Chen  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)  
 \* [Caio Cesar Saldanha Maia Orejuela Kinelski  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)  
 \* [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesarbs@gmail.com>)  
 \* [Cesar Blum

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

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

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

\* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

\* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

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

\* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)

\* [Fredrik Histher Rasch  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)

\* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)

\*

[Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)

\* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)

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

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

\* [Jiang Zeng (Pactera Technologies Inc) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)

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

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

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

\* [Jorge J. de la Fuente  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)

\*

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

\* [Josh Free  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com>)

\* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

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

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

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

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

\* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)

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

\*

[Martin Lapierre  
(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin\\_lapierre@devinstinct.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapierre@devinstinct.com))

\* [Martin Scholz  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)

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

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

\* [Matthew Parkinson  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)



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

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

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

\* [Morgan Brown  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

\*

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

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

\* [Olof Olsson  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

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

\* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)

\* [Paul Harrington  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com>)

\* [Paul Westcott (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com>)

\* [Peter Kukol  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

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

\*

[Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

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

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

\* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sahie.park@samsung.com>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)

\* [Sergio Parra Guerra  
(1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio\\_parra\\_guerra@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com))

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

\* [Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)

\* [Steve  
Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)

\* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

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

\* [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)

\* [Tanner Gooding  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

\* [Tarun Pothulapati  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

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

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

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

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

\* [Tyler Brinkley

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)

- \* [Vladimir Sadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
- \* [Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)
- \* [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov-h@users.noreply.github.com>)
- \* [Yaakov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov@codingrange.com>)
- \* [Yi Zhang (CLR) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)
- \* [andrewlock (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net>)
- \* [costahome (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa\\_christopher@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com))
- \*
- [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>)
- \*
- [varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)
- \* [vitek-karas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com>)

## ## WCF

- \* [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)
- \* [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)
- \* [Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \* [hongdai (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)
- \* [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)
- \* [KKhurin (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)
- \*
- [Zhenlan Wang (4)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)
- \* [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \* [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)
- \* [Chris R (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [Karel Zikmund (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
- \* [Matt Connew (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)
- \* [Carol Wang (Inspur Worldwide Services Ltd) (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)
- \* [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com>)
- \*

```
[Rich Lander (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com)
* [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
Contributions to .NET Core 2.1
```

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

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

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

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

## ## CLI

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

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

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

\*

[kasper

(5)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

\* [Nate McMaster

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

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

\* [kasper3

(4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

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

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

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

\* [Javier Calvarro Nelson

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

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

\*

[Maira Wenzel (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mairaw@microsoft.com>)

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

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

\* [Kevin Ransom

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

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

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

\* [Rakesh Ranjan Singh

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

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

\* [Mihai Codoban (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=micodoba@microsoft.com>)

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

\*

[Jose Perez Rodriguez (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=joperezr@microsoft.com>)

\* [jbeisner

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

\* [Brice Lambson

(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=bricelam@users.noreply.github.com>)

\* [root

(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

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

\* [v-mdriml (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-mdriml@microsoft.com>)

\* [Steve MacLean

(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sdmaclea.qdt@qualcommdatacenter.com>)

\* [Steve Harter

(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=steveharter@users.noreply.github.com>)

\* [Sean Peters

(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sepeters@microsoft.com>)

\* [Rohit Agrawal (NUGET

(1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=ragrawal@microsoft.com>)

\* [Yanchen Wu (1)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=yanchenw@microsoft.com>)

## ## CoreCLR

- \* [Tanner Gooding (151)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tagoo@outlook.com>)
- \* [Jan Kotas (124)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jkotas@microsoft.com>)
- \* [Bruce Forstall (94)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=brucefo@microsoft.com>)
- \* [Steve MacLean (69)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)
- \* [Fei Peng (66)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com>)
- \* [Stephen Toub (56)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=stoub@microsoft.com>)
- \* [Sergey Andreenko (52)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=seandree@microsoft.com>)
- \*
- [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>)
- \*
- [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>)
- \* [Mike Danes (13)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=onemihaid@hotmail.com>)

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

\* [Tarek Mahmoud Sayed (11)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tarekms@microsoft.com>)

\*

[Sean Gillespie (11)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=segilles@microsoft.com>)

\* [Noah Falk (10)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=noahfalk@users.noreply.github.com>)

\* [JC Aguilera (9)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=juanam@microsoft.com>)

\* [Maryam Ariyan (9)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=maryam.ariyan@microsoft.com>)

\* [Atsushi Kanamori (8)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=AtsushiKan@users.noreply.github.com>)

\* [Eugene Rozenfeld (8)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=erozen@microsoft.com>)

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

\* [Luqun Lou (7)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=luqunl@users.noreply.github.com>)

\* [Debayan Ghosh (7)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=debayang.qdt@qualcommdatacenter.com>)

\*

[Tom Deseyn (6)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tom.deseyn@gmail.com>)

\* [Adam Sitnik (6)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@gmail.com>)

\* [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>)

\* [John Doe (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=github.john.doe@outlook.com>)

\*

[sergey ignatov (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru>)

\* [Viktor Hofer (4)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=viktor.hofer@microsoft.com>)

\* [Marco Rossignoli (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=marco.rossignoli@gmail.com>)

\* [Fei (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com>)

\* [Jose Perez Rodriguez (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=joperezr@microsoft.com>)

\* [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>)

\* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=vancemorrison@comcast.net>)

\* [Santiago Fernandez Madero (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=safarn@microsoft.com>)

\* [Petr Bred (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bredpetr@gmail.com>)

\*

[Davis Goodin (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dagood@users.noreply.github.com>)

\* [Maoni Stephens (3)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=Maoni0@users.noreply.github.com>)

\* [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>)

\* [Atanu (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=RoyAtanu@users.noreply.github.com>)

\* [Bruno Tagliapietra (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bruno.tagliapietra@gmail.com>)

\* [Cesar Soares Lucas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=disoares@microsoft.com>)

\*

[Igor Kulaychuk (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=igor.kulaychuk@gmail.com>)

\* [Jarret Shook (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@microsoft.com>)

\* [Levi Broderick (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com>)

\* [Mandar Sahasrabudhe (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=WinCPP@users.noreply.github.com>)

\* [Matt Galbraith (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mattgal@microsoft.com>)

\* [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=matt.warren@live.co.uk>)

\* [Phil Garcia (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=phil@thinkedge.com>)

\* [Ricardo Arenas (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=riarenas@microsoft.com>)

\* [Russ Keldorph (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=russ.keldorph@microsoft.com>)

\*

[Sergey Ignatov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru>)

\* [Sven Boemer (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sbomer@gmail.com>)

\* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chcosta@microsoft.com>)

\* [gbalykov (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=g.balykov@samsung.com>)

\* [kasper3 (2)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com>)

\* [Jon Hanna (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jon@hackcraft.net>)

\* [Jingyu Ma (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mazong1123@gmail.com>)

\* [Jeremy Meng (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=yumeng@microsoft.com>)

\* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ufcpp@live.jp>)

\* [Omair Majid (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=omajid@redhat.com>)

\* [Pent Ploompuu (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kaalikas@gmail.com>)

\* [Petar Petrov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=petarpetrov@gmail.com>)

\* [Jeff Schwartz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jeffschw@microsoft.com>)

\* [Adam Stark (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=llamadonica@gmail.com>)

\* [Rex Morgan (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=rex@reflex.net>)

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

\* [Roman Artemev (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=rartemev@microsoft.com>)

\* [Ruben Ayrapetyan (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ruben-ayrapetyan@users.noreply.github.com>)

\* [Hyeongseok Oh (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=hseok82.oh@samsung.com>)

\*

[Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@microsoft.com>)

\* [Russell Cohen (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=russell.r.cohen@gmail.com>)

\* [Hugh Zabriskie (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=hugh.zabriskie@gmail.com>)

\* [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=sean@pulum.com>)

\* [Gnther Foidl (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=gue@korporal.at>)

\* [Frank Gambino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=frank@daringdev.com>)

\* [Aditya Mandaleeka (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=adityamandaleeka@users.noreply.github.com>)

\* [Eric StJohn (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ericstj@microsoft.com>)

\* [David Nissimoff (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davidni@microsoft.com>)

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[David Fowler (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=davidfowl@gmail.com>)

\* [mlabiuk (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=35769704+mlabiuk@users.noreply.github.com>)

\* [Szabolcs Dzs (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dezsizsabi@users.noreply.github.com>)

\* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dharvey@microsoft.com>)

\* [Conrad Meyer (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=cse.cem@gmail.com>)

\* [Colin Green (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=colin.green1@gmail.com>)

\* [Tomas Weinfurt (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tweinfurt@yahoo.com>)

\* [Vance Morrison (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=vancem@microsoft.com>)

\* [Chris Sienkiewicz (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chsienki@microsoft.com>)

\*

[Chad Nedzlek (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chadnedz@microsoft.com>)

\* [Victor Zaytsev (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=allisq3@gmail.com>)

\* [Buyduck (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ivan.vagin@partner.samsung.com>)

\* [Bruce Bowyer-Smyth (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=bbowyersmyth@live.com.au>)

\* [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=weshaggard@users.noreply.github.com>)

\* [Anton Lapounov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anton.lapounov@microsoft.com>)

\* [Zhukov Maxim (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=my.fsou1@gmail.com>)

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

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

\* [chunseoklee (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chunseoklee@naver.com>)

\* [crntn (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=c.pescheloch@criteo.com>)

\* [danmosemsft (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=danmose@microsoft.com>)

\* [Andrew Marino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=aymarino@umich.edu>)

\* [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mairaw@microsoft.com>)

\* [Marek Safar (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=marek.safar@gmail.com>)

\* [Martin Andersen (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=martin.andersen@outlook.com>)

\* [Kyungwoo Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kyulee@microsoft.com>)

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

\* [Krzysztof Wicher (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mordotymoja@gmail.com>)

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

\* [Kevin Gosse (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=krix33@gmail.com>)



\* [Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=karajas@microsoft.com>)

\* [Jiri {x2} Cincura (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jiri@cincura.net>)

## CoreFX

\* [Stephen Toub (274)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stoub@microsoft.com>)

\* [Jan Kotas (179)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jkotas@microsoft.com>)

\* [Ahson Khan (99)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahkha@microsoft.com>)

\* [Anirudh Agnihotry (74)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)

\* [Geoff Kizer (65)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek>)

\* [Wes Haggard (62)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Wes.Haggard@microsoft.com>)

\* [Jeremy Kuhne (58)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jeremy.kuhne@microsoft.com>)

\* [Jon Hanna (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jon@hackcraft.net>)

\* [Dan Moseley (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)

\* [Maryam Ariyan (45)](<https://github.com/dotnet/corefx/commits/release/2.1?author=maryam.ariyan@microsoft.com>)

\* [Tomas Weinfurt (43)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tweinfurt@yahoo.com>)

\* [Ben Adams (42)](<https://github.com/dotnet/corefx/commits/release/2.1?author=thundercat@illyriad.co.uk>)

\* [Paulo Janotti (41)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pauloja@microsoft.com>)

\* [Eric St. John (39)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)

\* [Alexander Radchenko (37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=radchenkosasha@gmail.com>)

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[Jeremy Barton (37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jbarton@microsoft.com>)

\* [Atsushi Kanamori (34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=AtsushiKan@users.noreply.github.com>)

\* [Viktor Hofer (34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@microsoft.com>)

\* [Lakshmi Priya Sekar (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lasekar@microsoft.com>)

\* [Marco Rossignoli (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com>)

\* [Tarek Mahmoud Sayed (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tarekms@microsoft.com>)

\* [ntr (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ntr@ihfood.dk>)

\* [Tom Deseyn (26)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tom.deseyn@gmail.com>)

\* [Caesar Chen (25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=caesar1995@users.noreply.github.com>)

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[Santiago Fernandez Madero (25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=safarn@microsoft.com>)

\* [Max Kerr (24)](<https://github.com/dotnet/corefx/commits/release/2.1?author=rmkerr@users.noreply.github.com>)

\* [Pavel Krymets (22)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pavel@krymets.com>)

\* [Ian Hays (19)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ianha@microsoft.com>)

\* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=saurabh500@users.noreply.github.com>)

\* [Jose Perez Rodriguez (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joperezr@microsoft.com>)

\* [Brian Robbins (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=brianrob@microsoft.com>)

\* [Alex Perovich (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=alperovi@microsoft.com>)

\* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=eric.erhardt@microsoft.com>)

\*

[Matt Galbraith (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mattgal@microsoft.com>)

\* [Jan Vorlicek (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=janvorli@microsoft.com>)

\* [Michal Strehovsk

(14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com>)

\* [Huangli Wu (14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com>)

\* [ahsonkhan (13)]([https://github.com/dotnet/corefx/commits/release/2.1?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.1?author=ahson_ahmedk@yahoo.com))

\* [Xing Mao (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

\* [Karel Zikmund (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=karelz@microsoft.com>)

\* [Krzysztof Wicher (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mordotymoja@gmail.com>)

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

\*

[Viktor Hofer (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@outlook.com>)

\* [Steve MacLean

(11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)

\* [Matt Mitchell (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mmitche@microsoft.com>)

\* [Tanner Gooding (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tagoo@outlook.com>)

\* [wtgodbe (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

\* [Wes Haggard

(10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=weshaggard@users.noreply.github.com>)

\* [David Shulman

(10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=david.shulman@microsoft.com>)

\* [Jiayi Yu

(9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=14067510+yujayee@users.noreply.github.com>)

\* [David Fowler (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidfowl@gmail.com>)

\* [Tom

Matouek (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tmat@users.noreply.github.com>)

\* [Koundinya Veluri

(9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kouvel@users.noreply.github.com>)

\* [Levi Broderick

(9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com>)

\* [Gene Lee (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gelee@microsoft.com>)

\* [Geoff Kizer (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek@microsoft.com>)

\* [Tim Seaward (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com>)

\* [William Godbe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

\* [John Doe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=github.john.doe@outlook.com>)

\* [Levi Broderick (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=levib@microsoft.com>)

\* [Sung Yoon Whang (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=suwhang@microsoft.com>)

\*

[Konst Khurin (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kkhurin@microsoft.com>)

\* [Omar Tawfik

(7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=OmarTawfik@users.noreply.github.com>)

\* [kasper3

(7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com>)

\* [Josh Free (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joshfree@users.noreply.github.com>)

\* [Keerat Singh (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-kesin@microsoft.com>)

\* [Ayende Rahien (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Ayende@ayende.com>)

\* [Eric StJohn (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)

\* [Shin Mao (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

\* [Cory Rivera (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=corivera@microsoft.com>)

\*

[Fei Peng (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fei.peng@intel.com>)

\* [Gnther Foidl (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gue@korporal.at>)

\* [Marek Safar (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marek.safar@gmail.com>)

\* [Stefan Nikolei (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stefan@nikolei.eu>)

\* [Davis Goodin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@users.noreply.github.com>)

\* [Davis Goodin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@microsoft.com>)

\* [Matt Galbraith (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=MattGal@users.noreply.github.com>)

\* [Tomas Matousek (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tomat@microsoft.com>)

\* [Mike McLaughlin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mikem@microsoft.com>)

\* [JC Aguilera (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

\*

[Eugene Rozenfeld (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=erozen@microsoft.com>)

\* [Simon Nattress (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nattress@gmail.com>)

\* [TylerBrinkley (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Tydude4Christ@hotmail.com>)

\* [Vance Morrison (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vancem@microsoft.com>)

\* [Victor Zaytsev (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=allisq3@gmail.com>)

\* [Alexander Gusarov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=agusarov@mirantis.com>)

\* [Joshua Clark (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=clarkis117@live.com>)

\* [vsadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

\* [Vladimir Sadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

\*

[Anipik (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)

\* [Ahson Ahmed Khan (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahsonkhan@users.noreply.github.com>)

\* [danmosemsft (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)

\* [Joel Braun (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Joelbraun@outlook.com>)

\* [Petr Onderka (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gsvick@gmail.com>)

\* [Juan Carlos Aguilera Mendez (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

\* [Pent Ploompuu (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kaalikas@gmail.com>)

\* [Adrian Godong (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adrian.godong@gmail.com>)

\* [Andon Andonov (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anandono@microsoft.com>)

\* [Andy Ayers (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andya@microsoft.com>)

\* [Jon Fortescue (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jofortes@microsoft.com>)

\* [Jonathan Dickinson (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jcdickinson@users.noreply.github.com>)

\* [Jos Rivero (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jorive@microsoft.com>)

\* [Liudmila Molkova (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lmolkova@microsoft.com>)

\* [Mandar Sahasrabuddhe (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mandar.sahasrabuddhe@microsoft.com>)

(2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=WinCPP@users.noreply.github.com>)

- \* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mabaul@microsoft.com>)
- \* [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mconnew@microsoft.com>)
- \* [Oswald Maskens (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ozie@live.be>)
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- \*
- [Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sausing@microsoft.com>)
- \* [Stano Peko (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stano@stanopetko.eu>)
- \* [Sbastien Ros (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sebastienros@gmail.com>)
- \* [Tomas Weinfurt (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=toweinfurt@microsoft.com>)
- \* [Ubuntu
- (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)
- \* [Luqun Lou (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=luqunl@users.noreply.github.com>)
- \* [Marco Rossignoli
- (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)
- \* [John Rosewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=john.rosewicz@gmail.com>)
- \* [MarcoRossignoli
- (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com>)
- \* [John Bottenberg (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jobotten@microsoft.com>)
- \* [mazong1123 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mazong1123@gmail.com>)
- \* [Jlalongd (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jjjlalonde@gmail.com>)
- \* [mikedn (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=onemihaid@hotmail.com>)
- \* [JimboWei (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-wjiang@microsoft.com>)
- \* [Jeff Cyr (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jeff.cyr.github@gmail.com>)
- \* [Jason Shirk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jason@truewheels.net>)
- \* [Matt White (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mattpwhite@gmail.com>)
- \* [Jason Loscher
- (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=LotharOfTheHillPeople@users.noreply.github.com>)
- \*
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- \* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=michals@microsoft.com>)
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- \* [Jacek Blaszczyński
- (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=biosciencenow@outlook.com>)
- \* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ufcpp@live.jp>)
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- (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=hugh.zabriskie@gmail.com>)
- \* [Hugh Bellamy (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=hughbellars@gmail.com>)
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- \* [PeterChen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=peter3598768@gmail.com>)

\* [Frederik Carlier  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frederik.carlier@quamotion.mobi>)

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

\* [Raul Hidalgo Caballero  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=raul.hidalgo.sopa@gmail.com>)

\* [Rew (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Rew017@hotmail.com>)

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

\*

[Robert Matuszewicz  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=robert.matuszewicz@newvoicemedia.com>)

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

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

\* [Frans Bouma (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frans@sd.nl>)

\* [Filip S. Adamsen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fsa@askcody.dk>)

\* [strajkovmsft  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=35152474+strajkovmsft@users.noreply.github.com>)

m)

\* [Sebastian (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=github@mafutrct.de>)

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

\* [Faizur Rahman (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shrah@microsoft.com>)

\*

[Erwin Oegema (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=blablaechthema@hotmail.com>)

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

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

\* [Ducki  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=148378+Ducki@users.noreply.github.com>)

\* [Steve Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=slee@microsoft.com>)

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

\* [Douglas-Cleghorn  
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=douglas@readinghorizons.com>)

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

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

\*

[t-jekor (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=t-jekor@microsoft.com>)

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

\* [Diego Vega (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=diego.vega@microsoft.com>)

\* [Taylor Southwick (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tasou@microsoft.com>)

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

\* [David Wrighton (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidwr@microsoft.com>)

\* [Daniel Imms (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tyriar@tyriar.com>)

\* [Daniel Henry (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=daniel.henry@epiforge.com>)

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

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

\*  
 [Christopher Costa (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=chcosta@microsoft.com>)  
 \* [Tyler Brinkley (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tydude4christ@hotmail.com>)  
 \* [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=christian@chwe.at>)  
 \* [Alex Ghiondea  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=AlexGhiondea@users.noreply.github.com>)  
 \* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=crummel@microsoft.com>)  
 \* [Vasiliy Novikov  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vasiliy.novikov@outlook.com>)  
 \* [Victor "Nate" Graf (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nategraf1@gmail.com>)  
 \* [Victor Nate Graf (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vigraf@microsoft.com>)  
 \* [Cesar Soares Lucas (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=disoares@microsoft.com>)  
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 \* [Bernhard Urban  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=bernhard.urban@xamarin.com>)  
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 \* [Artyom Karpov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru>)  
 \* [Anton Lapounov  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anton.lapounov@microsoft.com>)  
 \* [Andreas Heider (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andreas@heider.io>)  
 \* [WinCPP (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mandards@gmail.com>)  
 \* [Andon Andonov  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andon.andonov@microsoft.com>)  
 \* [Yuri Vanin (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=yvanin@users.noreply.github.com>)  
 \* [Zhukov Maxim (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=my.fsou1@gmail.com>)  
 \*  
 [aerotog (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=aerotog@gmail.com>)  
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 (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>)  
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 \* [huanwu (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com>)  
 \* [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>)

\* [Josh Free (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jfree@microsoft.com>)

\* [Kristian Hellang (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kristian.hellang@iris.no>)

\* [Joseph Musser (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=me@jnm2.com>)

\* [Lakshmi Priya Sekar (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Priya91@users.noreply.github.com>)

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

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

\* [Jonathan Gilbert (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=JonathanG@iQmetrix.com>)

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

\*

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

## WCF

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

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

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

\* [Shin Mao (3)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=shmao@microsoft.com>)

\* [Kirill (1)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=netkill@bk.ru>)

\* [Zhenlan Wang (1)](<https://github.com/dotnet/wcf/commits/release/2.1.0?author=zhenlwa@microsoft.com>)

# 1.50 system.runtime.compilerservices.unsafe

## 6.0.0

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License notice for A Benchmark Test for Systems Implementation Languages

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

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

Martin Richards

23 February 2007

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

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

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

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<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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```
<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  
version 1.2.12, March 27th, 2022

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By Sean Eron Anderson  
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By Sean Eron Anderson  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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|                                                    |                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------|
| Jean-loup Gailly                                   | Mark Adler                                                               |
| <a href="mailto:jloup@gzip.org">jloup@gzip.org</a> | <a href="mailto:madler@alumni.caltech.edu">madler@alumni.caltech.edu</a> |

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Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

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|----------------------------------------------------|--------------------------------------------------------------------------|
| Jean-loup Gailly                                   | Mark Adler                                                               |
| <a href="mailto:jloup@gzip.org">jloup@gzip.org</a> | <a href="mailto:madler@alumni.caltech.edu">madler@alumni.caltech.edu</a> |

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Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

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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."),
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By Sean Eron Anderson

seander@cs.stanford.edu

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```
<Project Sdk="Microsoft.NET.Sdk">
 <PropertyGroup>
 <!-- Needed for CMakeProjectReference -->
 <RequiresProcessIsolation>true</RequiresProcessIsolation>
 <ApplicationManifest>App.manifest</ApplicationManifest>
 </PropertyGroup>
 <ItemGroup>
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 <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
 <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
 <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
 </ItemGroup>
 <ItemGroup>
 <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
 <ProjectReference Include="$(TestLibraryProjectPath)" />
 </ItemGroup>
</Project>
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<https://github.com/santoshsahoo/nbench> (mirror of the same code)

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\*\* Rick Grehan, BYTE Magazine

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\*\* Create:

\*\* Revision: 3/95

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By Sean Eron Anderson  
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## 1.57 system.serviceprocess.servicecontroller

### 7.0.0

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# .NET Core 1.0.0 Contributor List

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## CoreCLR

- \* [Jan Kotas (300)](<https://github.com/dotnet/coreclr/commits/master?author=jkotas@microsoft.com>)
- \* [Jan Vorlicek (179)](<https://github.com/dotnet/coreclr/commits/master?author=janvorli@microsoft.com>)
- \* [Aditya Mandaleeka (152)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@microsoft.com>)

\* [Mike McLaughlin (143)](<https://github.com/dotnet/coreclr/commits/master?author=mikem@microsoft.com>)

\* [Andy Ayers (119)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)

\* [Pat Gavlin (117)](<https://github.com/dotnet/coreclr/commits/master?author=pagavlin@microsoft.com>)

\* [Kyungwoo Lee (111)](<https://github.com/dotnet/coreclr/commits/master?author=kyulee@microsoft.com>)

\*

[Matt Ellis (104)](<https://github.com/dotnet/coreclr/commits/master?author=matell@microsoft.com>)

\* [Stephen Toub (104)](<https://github.com/dotnet/coreclr/commits/master?author=stoub@microsoft.com>)

\* [Matt Mitchell (97)](<https://github.com/dotnet/coreclr/commits/master?author=mmitche@microsoft.com>)

\* [Kamil Rytarowski (75)](<https://github.com/dotnet/coreclr/commits/master?author=n54@gmx.com>)

\* [Bruce Forstall (74)](<https://github.com/dotnet/coreclr/commits/master?author=brucefo@microsoft.com>)

\* [Brian Sullivan (66)](<https://github.com/dotnet/coreclr/commits/master?author=briansul@microsoft.com>)

\* [Geoff Norton (62)](<https://github.com/dotnet/coreclr/commits/master?author=grompf@gmail.com>)

\* [Gaurav Khanna (56)](<https://github.com/dotnet/coreclr/commits/master?author=gkhanna@microsoft.com>)

\* [Richard Lander (56)](<https://github.com/dotnet/coreclr/commits/master?author=rlander@microsoft.com>)

\* [John Chen (54)](<https://github.com/dotnet/coreclr/commits/master?author=jochen@microsoft.com>)

\*

[Rama Krishnan Raghupathy (52)](<https://github.com/dotnet/coreclr/commits/master?author=ramarag@microsoft.com>)

\* [Rahul Kumar (49)](<https://github.com/dotnet/coreclr/commits/master?author=rahku@microsoft.com>)

\* [Lubomir Litchev (46)](<https://github.com/dotnet/coreclr/commits/master?author=lubol@microsoft.com>)

\* [Koundinya Veluri (43)](<https://github.com/dotnet/coreclr/commits/master?author=kouvel@microsoft.com>)

\* [Russ Keldorph (43)](<https://github.com/dotnet/coreclr/commits/master?author=Russ.Keldorph@microsoft.com>)

\* [William Godbe (42)](<https://github.com/dotnet/coreclr/commits/master?author=william.godbe@comcast.net>)

\* [Alex Ghiondea (39)](<https://github.com/dotnet/coreclr/commits/master?author=ghiondea.alexandru@microsoft.com>)

\* [wtgodbe (38)](<https://github.com/dotnet/coreclr/commits/master?author=wigodbe@microsoft.com>)

\* [Mike Danes (36)](<https://github.com/dotnet/coreclr/commits/master?author=onemihaid@hotmail.com>)

\* [Sejong Oh (36)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@microsoft.com>)

\*

[Carol Eidt (34)](<https://github.com/dotnet/coreclr/commits/master?author=carol.eidt@microsoft.com>)

\* [Ben Pye (33)](<https://github.com/dotnet/coreclr/commits/master?author=ben@curlybracket.co.uk>)

\* [Eugene Zemtsov (33)](<https://github.com/dotnet/coreclr/commits/master?author=Eugene.Zemtsov@microsoft.com>)

\* [Sean Gillespie (32)](<https://github.com/dotnet/coreclr/commits/master?author=segilles@microsoft.com>)

\* [Brian Robbins (27)](<https://github.com/dotnet/coreclr/commits/master?author=brianrob@microsoft.com>)

\* [James Ko (27)](<https://github.com/dotnet/coreclr/commits/master?author=jamesqko@gmail.com>)

\* [Lakshmi Priya Sekar (27)](<https://github.com/dotnet/coreclr/commits/master?author=lasekar@microsoft.com>)

\* [sivarv (27)](<https://github.com/dotnet/coreclr/commits/master?author=sivarv@microsoft.com>)

\* [Davis Goodin (26)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@microsoft.com>)

\* [jashook (26)](<https://github.com/dotnet/coreclr/commits/master?author=jashoo@microsoft.com>)

\*

[Jostein Kjnigsen (26)](<https://github.com/dotnet/coreclr/commits/master?author=jostein@kjonigsen.net>)

\* [Bengu Li (22)](<https://github.com/dotnet/coreclr/commits/master?author=beli@microsoft.com>)

\* [Eugene Rozenfeld (22)](<https://github.com/dotnet/coreclr/commits/master?author=erozen@microsoft.com>)

\* [Geunsik Lim (22)](<https://github.com/dotnet/coreclr/commits/master?author=geunsik.lim@samsung.com>)

\* [Sergiy Kuryata (22)](<https://github.com/dotnet/coreclr/commits/master?author=sergeyk@microsoft.com>)

\* [MyungJoo Ham (21)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@samsung.com>)

\* [Jonghyun Park (20)](<https://github.com/dotnet/coreclr/commits/master?author=parjong@gmail.com>)

\* [Manu (20)](<https://github.com/dotnet/coreclr/commits/master?author=manu-silicon@users.noreply.github.com>)

\* [Fadi Hanna (18)](<https://github.com/dotnet/coreclr/commits/master?author=fadim@microsoft.com>)

\* [Tijoy Tom Kalathiparambil (18)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytk@microsoft.com>)

\*

[Yi Zhang (CLR) (18)](<https://github.com/dotnet/coreclr/commits/master?author=yzha@microsoft.com>)

\* [Alexander Kplinger (17)](<https://github.com/dotnet/coreclr/commits/master?author=alex.koeplinger@outlook.com>)

\* [Justin Van Patten (17)](<https://github.com/dotnet/coreclr/commits/master?author=jvp@justinvp.com>)

\* [Maoni0 (17)](<https://github.com/dotnet/coreclr/commits/master?author=maonis@microsoft.com>)

\* [Steve Harter (17)](<https://github.com/dotnet/coreclr/commits/master?author=sharter@microsoft.com>)

\* [Eric Erhardt (16)](<https://github.com/dotnet/coreclr/commits/master?author=eric.erhardt@microsoft.com>)

\* [Peter Jas (15)](<https://github.com/dotnet/coreclr/commits/master?author=necmon@yahoo.com>)

\* [Chris McKinsey (14)](<https://github.com/dotnet/coreclr/commits/master?author=chrismck@microsoft.com>)

\* [Jose Perez Rodriguez (14)](<https://github.com/dotnet/coreclr/commits/master?author=joperezr@microsoft.com>)

\* [Richard L Ford (14)](<https://github.com/dotnet/coreclr/commits/master?author=richford@microsoft.com>)

\* [Dmitry-Me (13)](<https://github.com/dotnet/coreclr/commits/master?author=wipedout@yandex.ru>)

\* [Eric Erhardt (13)](<https://github.com/dotnet/coreclr/commits/master?author=eerhardt@microsoft.com>)

\* [David Mason (12)](<https://github.com/dotnet/coreclr/commits/master?author=davmason@microsoft.com>)

\* [Hongtao Yu (12)](<https://github.com/dotnet/coreclr/commits/master?author=Hongtao.Yu@microsoft.com>)

\* [Prajwal A N (12)](<https://github.com/dotnet/coreclr/commits/master?author=an.prajwal@samsung.com>)

\* [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/coreclr/commits/master?author=bbowyersmyth@live.com.au>)

\* [Eugene Zemtsov (10)](<https://github.com/dotnet/coreclr/commits/master?author=e.zemtsov@gmail.com>)

\* [Gaurav Khanna (CLR) (10)](<https://github.com/dotnet/coreclr/commits/master?author=gaurav.khanna@microsoft.com>)

\* [Pallavi Taneja (10)](<https://github.com/dotnet/coreclr/commits/master?author=pallavit@microsoft.com>)

\*

[Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/master?author=sjlee@mail.com>)

\* [Tarek Mahmoud Sayed (10)](<https://github.com/dotnet/coreclr/commits/master?author=tarekms@microsoft.com>)

\* [Kasper F. Brandt (9)](<https://github.com/dotnet/coreclr/commits/master?author=poizan@poizan.dk>)

\* [Michelle McDaniel (9)](<https://github.com/dotnet/coreclr/commits/master?author=adiaaaida@gmail.com>)

\* [Geunsik Lim (8)](<https://github.com/dotnet/coreclr/commits/master?author=leemgs@users.noreply.github.com>)

\* [Hongtao Yu (8)](<https://github.com/dotnet/coreclr/commits/master?author=hoy@microsoft.com>)

\* [Jeremy Kuhne (8)](<https://github.com/dotnet/coreclr/commits/master?author=jeremy.kuhne@microsoft.com>)

\* [John Bottenberg (8)](<https://github.com/dotnet/coreclr/commits/master?author=jobotten@microsoft.com>)

\* [Lubomir Litchev (8)](<https://github.com/dotnet/coreclr/commits/master?author=llitchev@live.com>)

\* [Sridhar Periyasamy (8)](<https://github.com/dotnet/coreclr/commits/master?author=sridhper@microsoft.com>)

\*

[Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/master?author=swaroops@microsoft.com>)

\* [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/master?author=vancem@microsoft.com>)

\* [Wes Haggard (8)](<https://github.com/dotnet/coreclr/commits/master?author=Wes.Haggard@microsoft.com>)

\* [Deepak Shankargouda (7)](<https://github.com/dotnet/coreclr/commits/master?author=deshank@microsoft.com>)

\* [Dick van den Brink (7)]([https://github.com/dotnet/coreclr/commits/master?author=d\\_vandenbrink@outlook.com](https://github.com/dotnet/coreclr/commits/master?author=d_vandenbrink@outlook.com))

\* [Geoff Norton (7)](<https://github.com/dotnet/coreclr/commits/master?author=kangaroo@clr.ninja>)

\* [Hugh Bellamy (7)](<https://github.com/dotnet/coreclr/commits/master?author=hughbellars@gmail.com>)

\* [Jan Henke (7)](<https://github.com/dotnet/coreclr/commits/master?author=Jan.Henke@tau.jhe.de>)

\* [Joel Hendrix (7)](<https://github.com/dotnet/coreclr/commits/master?author=jhendrix@microsoft.com>)

\* [Matt Mitchell (7)](<https://github.com/dotnet/coreclr/commits/master?author=matchell@outlook.com>)

\*

[Mert (7)](<https://github.com/dotnet/coreclr/commits/master?author=mert@meltabi.com>)

\* [MyungJoo Ham (7)](<https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@gmail.com>)

\* [Nick Guerrero (7)](<https://github.com/dotnet/coreclr/commits/master?author=nicholg@microsoft.com>)

\* [Swaroop Sridhar (7)](<https://github.com/dotnet/coreclr/commits/master?author=Swaroop.Sridhar@microsoft.com>)

\* [Xy Ziemba (7)](<https://github.com/dotnet/coreclr/commits/master?author=xyziemba@microsoft.com>)

\* [Bryan Arant (6)](<https://github.com/dotnet/coreclr/commits/master?author=bryanar@microsoft.com>)

\* [Jeroen Janssen (6)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen.janssen@gmail.com>)

\* [Kshama Pawar (6)](<https://github.com/dotnet/coreclr/commits/master?author=kspawa@microsoft.com>)

\* [Nate Amundson (6)](<https://github.com/dotnet/coreclr/commits/master?author=naamunds@microsoft.com>)

\* [Sedar Gokbulut (6)](<https://github.com/dotnet/coreclr/commits/master?author=sedarg@microsoft.com>)

\*

[Aditya Mandaleeka (5)](<https://github.com/dotnet/coreclr/commits/master?author=adityamandaleeka@users.noreply.github.com>)

\* [Andrey Akinshin (5)](<https://github.com/dotnet/coreclr/commits/master?author=andrey.akinshin@gmail.com>)

\* [chunseoklee (5)](<https://github.com/dotnet/coreclr/commits/master?author=chunseoklee@naver.com>)

\* [Jonathan Taylor (5)](<https://github.com/dotnet/coreclr/commits/master?author=taylorjonl@gmail.com>)

\* [Juergen Hoetzel (5)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@archlinux.org>)

\* [Maks Naumov (5)](<https://github.com/dotnet/coreclr/commits/master?author=maksqwe1@ukr.net>)

\* [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/master?author=gsvick@gmail.com>)

\* [Rich Lander (5)](<https://github.com/dotnet/coreclr/commits/master?author=rich@lander.ca>)

\* [Senthil (5)](<https://github.com/dotnet/coreclr/commits/master?author=schellap@microsoft.com>)

\* [Andrey Kvochko (4)](<https://github.com/dotnet/coreclr/commits/master?author=a.kvochko@samsung.com>)

\* [Ben Boeckel (4)](<https://github.com/dotnet/coreclr/commits/master?author=mathstuf@gmail.com>)

\* [Ben Pye (4)](<https://github.com/dotnet/coreclr/commits/master?author=ben@debian>)

\* [Cagri (4)](<https://github.com/dotnet/coreclr/commits/master?author=caslan@microsoft.com>)

\* [Eric Eilebrecht (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@hotmail.com>)

\* [Eric St. John (4)](<https://github.com/dotnet/coreclr/commits/master?author=ericstj@microsoft.com>)

\* [Evgeny Pavlov (4)](<https://github.com/dotnet/coreclr/commits/master?author=lucenticus@gmail.com>)

\* [Hanjoung Lee (4)](<https://github.com/dotnet/coreclr/commits/master?author=hanjoung.lee@samsung.com>)

\* [Jeremy Barton (4)](<https://github.com/dotnet/coreclr/commits/master?author=jbarton@microsoft.com>)

\* [Jonathan Miller (4)](<https://github.com/dotnet/coreclr/commits/master?author=jonmill@microsoft.com>)

\* [Lee Culver (4)](<https://github.com/dotnet/coreclr/commits/master?author=leculver@microsoft.com>)

\*

[Natalia Glagoleva (4)](<https://github.com/dotnet/coreclr/commits/master?author=natgla@microsoft.com>)

\* [Ryan Byington (4)](<https://github.com/dotnet/coreclr/commits/master?author=ryanbyi@microsoft.com>)

\* [SaeHie Park (4)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@samsung.com>)

\* [Steven Das (4)](<https://github.com/dotnet/coreclr/commits/master?author=DasAllFolks@users.noreply.github.com>)

\* [Tony Narlock (4)](<https://github.com/dotnet/coreclr/commits/master?author=tony@git-pull.com>)

\* [Zlatko Knezevic (4)](<https://github.com/dotnet/coreclr/commits/master?author=zlakne@microsoft.com>)

\* [Alexandru Ghiondea (3)](<https://github.com/dotnet/coreclr/commits/master?author=alexghi@microsoft.com>)

\* [Anders Jensen-Waud (3)](<https://github.com/dotnet/coreclr/commits/master?author=anders@jensenwald.com>)

\* [Ben Adams (3)](<https://github.com/dotnet/coreclr/commits/master?author=thundercat@illyriad.co.uk>)

\* [Chuck Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=chuckm@microsoft.com>)

\* [David Mitchell (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitche@logos.com>)

\* [Dmitri-Botcharnikov (3)](<https://github.com/dotnet/coreclr/commits/master?author=dmitry.b@samsung.com>)

\* [Dongyun Jin (3)](<https://github.com/dotnet/coreclr/commits/master?author=dongyun.jin@samsung.com>)

\* [Ganesh Ranganathan (3)](<https://github.com/dotnet/coreclr/commits/master?author=ganesh.ranganathan.85@gmail.com>)

\* [Gerald Scott Freeman (3)](<https://github.com/dotnet/coreclr/commits/master?author=gsfreema@gmail.com>)

\* [Gregg Miskelly (3)](<https://github.com/dotnet/coreclr/commits/master?author=greggm@microsoft.com>)

\* [Hadi Brais (3)](<https://github.com/dotnet/coreclr/commits/master?author=hadi.b@live.com>)

\* [Ivan Baravy (3)](<https://github.com/dotnet/coreclr/commits/master?author=i.baravy@samsung.com>)

\* [Jarret Shook (3)]([https://github.com/dotnet/coreclr/commits/master?author=jarret\\_shook@outlook.com](https://github.com/dotnet/coreclr/commits/master?author=jarret_shook@outlook.com))

\*

[Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/master?author=t2wish@gmail.com>)

\* [Jon Hanna (3)](<https://github.com/dotnet/coreclr/commits/master?author=jon@hackcraft.net>)

\* [Kevin Jones (3)](<https://github.com/dotnet/coreclr/commits/master?author=kevin@vcsjones.com>)

\* [Lee Coward (3)](<https://github.com/dotnet/coreclr/commits/master?author=leecow@microsoft.com>)

\* [Lubomir Litchev (3)](<https://github.com/dotnet/coreclr/commits/master?author=LLITCHEV@users.noreply.github.com>)

\* [Matthew Parkinson (3)](<https://github.com/dotnet/coreclr/commits/master?author=mattpark@microsoft.com>)

\* [Michal Strehovsk (3)](<https://github.com/dotnet/coreclr/commits/master?author=michals@microsoft.com>)

\* [Michelle McDaniel (3)](<https://github.com/dotnet/coreclr/commits/master?author=michelm@microsoft.com>)

\* [Mukul Sabharwal (3)](<https://github.com/dotnet/coreclr/commits/master?author=mjsabby@gmail.com>)

\* [SaeHie Park (3)](<https://github.com/dotnet/coreclr/commits/master?author=saehie.park@gmail.com>)

\*

[Sergey Andreenko (3)](<https://github.com/dotnet/coreclr/commits/master?author=AC-93@MAIL.RU>)

\* [Tanner Gooding (3)](<https://github.com/dotnet/coreclr/commits/master?author=tannergooding@users.noreply.github.com>)

\* [tijoytom (3)](<https://github.com/dotnet/coreclr/commits/master?author=tijoytom@gmail.com>)

\* [Zhicheng Zhu (3)](<https://github.com/dotnet/coreclr/commits/master?author=zhizhu@microsoft.com>)

\* [Aaron Havens (2)](<https://github.com/dotnet/coreclr/commits/master?author=arnmac@users.noreply.github.com>)

\* [Alex Ghiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=alex.ghiondea@gmail.com>)

\* [Alexandr Nikitin (2)](<https://github.com/dotnet/coreclr/commits/master?author=nikitin.alexandr.a@gmail.com>)

\* [AlexGhiondea (2)](<https://github.com/dotnet/coreclr/commits/master?author=AlexGhiondea@users.noreply.github.com>)

\* [Andrew Schwartzmeyer (2)](<https://github.com/dotnet/coreclr/commits/master?author=andschwa@microsoft.com>)

\* [Austin Wise (2)](<https://github.com/dotnet/coreclr/commits/master?author=AustinWise@gmail.com>)

\* [Ben Monroe (2)](<https://github.com/dotnet/coreclr/commits/master?author=bendono@gmail.com>)

\* [Chase Miller (2)](<https://github.com/dotnet/coreclr/commits/master?author=chase@bawxen.net>)

\* [Eric Eilebrecht (2)](<https://github.com/dotnet/coreclr/commits/master?author=ericeil@microsoft.com>)

\* [George Sapkin (2)](<https://github.com/dotnet/coreclr/commits/master?author=george.sapkin@gmail.com>)

\* [gitchomik (2)](<https://github.com/dotnet/coreclr/commits/master?author=gitchomik@users.noreply.github.com>)

\* [Jeff Foster (2)](<https://github.com/dotnet/coreclr/commits/master?author=jeff.foster@acm.org>)

\* [Joseph Tremoulet (2)](<https://github.com/dotnet/coreclr/commits/master?author=jotrem@microsoft.com>)

\* [Knagis (2)](<https://github.com/dotnet/coreclr/commits/master?author=Knagis@users.noreply.github.com>)

\* [Lucas Meijer (2)](<https://github.com/dotnet/coreclr/commits/master?author=lucas@unity3d.com>)

\* [Marqin  
(2)](<https://github.com/dotnet/coreclr/commits/master?author=marqin.pl+git@gmail.com>)

\* [Matt Warren (2)](<https://github.com/dotnet/coreclr/commits/master?author=matt.warren@live.co.uk>)

\* [Mikhail Pilin (2)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail@pilin.name>)

\* [Mort Yao (2)](<https://github.com/dotnet/coreclr/commits/master?author=mort.yao@gmail.com>)

\* [noahfalk (2)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@users.noreply.github.com>)

\* [papaslavik (2)](<https://github.com/dotnet/coreclr/commits/master?author=v.nikolaev@samsung.com>)

\* [Prem Ramanathan (2)](<https://github.com/dotnet/coreclr/commits/master?author=premram@microsoft.com>)

\* [Ravi Eda (2)](<https://github.com/dotnet/coreclr/commits/master?author=raeda@microsoft.com>)

\* [Sean Gillespie (2)](<https://github.com/dotnet/coreclr/commits/master?author=sean.william.g@gmail.com>)

\* [Sejong Oh (2)](<https://github.com/dotnet/coreclr/commits/master?author=sejong.oh.25911@outlook.com>)

\* [sergey-raevskiy  
(2)](<https://github.com/dotnet/coreclr/commits/master?author=ccik@inbox.ru>)

\* [shahid-pk (2)](<https://github.com/dotnet/coreclr/commits/master?author=shahid.mrd@hotmail.com>)

\* [shion (2)](<https://github.com/dotnet/coreclr/commits/master?author=tishion@users.noreply.github.com>)

\* [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/master?author=clockwork-muse@outlook.com>)

\* [Vance Morrison (2)](<https://github.com/dotnet/coreclr/commits/master?author=vancemorrison@comcast.net>)

\* [Aaron Bieber (1)](<https://github.com/dotnet/coreclr/commits/master?author=aaron@bolddaemon.com>)

\* [Aditya Mahajan (1)](<https://github.com/dotnet/coreclr/commits/master?author=adityam@umich.edu>)

\* [Alexander Speshilov (1)](<https://github.com/dotnet/coreclr/commits/master?author=speshuric@gmail.com>)

\* [Alexander Vostres (1)](<https://github.com/dotnet/coreclr/commits/master?author=alexx999@gmail.com>)

\* [Alfredo Menendez Sancho  
(1)](<https://github.com/dotnet/coreclr/commits/master?author=alfremen@microsoft.com>)

\*

[Anders Wenhaug (1)](<https://github.com/dotnet/coreclr/commits/master?author=anders@wenhaug.no>)

\* [Andreas Strid (1)]([https://github.com/dotnet/coreclr/commits/master?author=andreas\\_strid@bredband.net](https://github.com/dotnet/coreclr/commits/master?author=andreas_strid@bredband.net))

\* [Andrew Au (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewau@microsoft.com>)

\* [Andrew Karpov (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrewcarpov@gmail.com>)

\* [Andrew Stanton-Nurse (1)](<https://github.com/dotnet/coreclr/commits/master?author=andrew@andrewnurse.net>)

\* [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com>)

\* [Arkady Shapkin (1)]([https://github.com/dotnet/coreclr/commits/master?author=arkadiy\\_s@inbox.ru](https://github.com/dotnet/coreclr/commits/master?author=arkadiy_s@inbox.ru))

\* [Aurojit Panda (1)](<https://github.com/dotnet/coreclr/commits/master?author=apanda@cs.berkeley.edu>)

\* [Ben Gribaudo (1)](<https://github.com/dotnet/coreclr/commits/master?author=me@bengribaudo.com>)

\* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bendono@users.noreply.github.com>)

\*

[Benjamin Hodgson  
(1)](<https://github.com/dotnet/coreclr/commits/master?author=benjamin.hodgson@huddle.com>)

\* [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=brobinson@toptensoftware.com>)

\* [Brad Robinson (1)](<https://github.com/dotnet/coreclr/commits/master?author=contact@toptensoftware.com>)

\* [Brandon Bloom (1)](<https://github.com/dotnet/coreclr/commits/master?author=brandon@evidence.com>)

\* [Cagri Aslan (1)](<https://github.com/dotnet/coreclr/commits/master?author=cagriaslan@Andrews-Mac-mini.local>)

\* [Carol Eidt (1)](<https://github.com/dotnet/coreclr/commits/master?author=caroleidt@outlook.com>)

\* [Cheryl Simmons (1)](<https://github.com/dotnet/coreclr/commits/master?author=cherylws@live.com>)

\* [Christian Jacobsen (1)](<https://github.com/dotnet/coreclr/commits/master?author=chribben@gmail.com>)

\* [Christopher Currens (1)](<https://github.com/dotnet/coreclr/commits/master?author=ccurrens@microsoft.com>)

\* [christos-P (1)](<https://github.com/dotnet/coreclr/commits/master?author=cpaisios@gmail.com>)

\*

[Chuck Ries (1)](<https://github.com/dotnet/coreclr/commits/master?author=chuckr@microsoft.com>)

\* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/master?author=dharvey@microsoft.com>)

\* [Daniel Qiu (1)](<https://github.com/dotnet/coreclr/commits/master?author=qs1328@gmail.com>)

\* [David Kean (1)](<https://github.com/dotnet/coreclr/commits/master?author=davkean@microsoft.com>)

\* [David Wrighton (1)](<https://github.com/dotnet/coreclr/commits/master?author=davidwr@microsoft.com>)

\* [Davis Goodin (1)](<https://github.com/dotnet/coreclr/commits/master?author=dagood@users.noreply.github.com>)

\* [DionYe (1)](<https://github.com/dotnet/coreclr/commits/master?author=junye@microsoft.com>)

\* [dobe (1)](<https://github.com/dotnet/coreclr/commits/master?author=bernddorn@gmail.com>)

\* [Drew DeVault (1)](<https://github.com/dotnet/coreclr/commits/master?author=sir@cmpwn.com>)

\* [Drew Scoggins (1)](<https://github.com/dotnet/coreclr/commits/master?author=anscoggi@microsoft.com>)

\*

[Eddie Hedges (1)](<https://github.com/dotnet/coreclr/commits/master?author=eddiehedges@gmail.com>)

\* [Evgeny Mandrikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=mandrikov@gmail.com>)

\* [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/master?author=felipepessoto@hotmail.com>)

\* [Gary Coulbourne (1)](<https://github.com/dotnet/coreclr/commits/master?author=bear@bears.org>)

\* [geoffkizer (1)](<https://github.com/dotnet/coreclr/commits/master?author=geoffrek>)

\* [Geoffrey Huntley (1)](<https://github.com/dotnet/coreclr/commits/master?author=ghuntley@ghuntley.com>)

\* [Hanjoung Lee (1)](<https://github.com/dotnet/coreclr/commits/master?author=waterets@gmail.com>)

\* [Henry Baba-Weiss (1)](<https://github.com/dotnet/coreclr/commits/master?author=htw@cs.washington.edu>)

\* [Immo Landwerth (1)](<https://github.com/dotnet/coreclr/commits/master?author=immo@landwerth.net>)

\* [Jack Pappas (1)](<https://github.com/dotnet/coreclr/commits/master?author=jack-pappas@users.noreply.github.com>)

\*

[James Ko (1)](<https://github.com/dotnet/coreclr/commits/master?author=kojames8111@gmail.com>)

\* [James Singleton (1)](<https://github.com/dotnet/coreclr/commits/master?author=jpsingleton@users.noreply.github.com>)

\* [Jan Henke (1)](<https://github.com/dotnet/coreclr/commits/master?author=janhenke@users.noreply.github.com>)

\* [Jared Parsons (1)](<https://github.com/dotnet/coreclr/commits/master?author=jaredpar@microsoft.com>)

\* [Jason Young (1)](<https://github.com/dotnet/coreclr/commits/master?author=jason@ytechie.com>)

\* [Jason Zhekov (1)](<https://github.com/dotnet/coreclr/commits/master?author=jassonpet@gmail.com>)

\* [Jrmie Galarneau (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeremie.galarneau@gmail.com>)

\* [Jeroen Frijters (1)](<https://github.com/dotnet/coreclr/commits/master?author=jeroen@frijters.net>)

\* [Jonathon Rossi (1)](<https://github.com/dotnet/coreclr/commits/master?author=jono@jonorossi.com>)

\* [Jonghyun Park (1)](<https://github.com/dotnet/coreclr/commits/master?author=jh1302.park@samsung.com>)

\* [Josh Varty (1)](<https://github.com/dotnet/coreclr/commits/master?author=JoshVarty@users.noreply.github.com>)

\* [Jude Melancon (1)](<https://github.com/dotnet/coreclr/commits/master?author=judemelancon@users.noreply.github.com>)

\* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/master?author=juergen@hoetzel.info>)

\* [Justin Cormack (1)](<https://github.com/dotnet/coreclr/commits/master?author=justin@specialbuservice.com>)

\* [Kamil Rytarowski (1)](<https://github.com/dotnet/coreclr/commits/master?author=krytarowski@users.noreply.github.com>)

\* [Kevin Mullins (1)](<https://github.com/dotnet/coreclr/commits/master?author=kmullins@gmail.com>)

\* [kingces95 (1)](<https://github.com/dotnet/coreclr/commits/master?author=kingces95@users.noreply.github.com>)

\* [krk (1)](<https://github.com/dotnet/coreclr/commits/master?author=keremkat@gmail.com>)

\* [Krzysztof Cwalina (1)](<https://github.com/dotnet/coreclr/commits/master?author=kcwalina@microsoft.com>)

\*

[Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=kurt+github@aadnoy.info>)

\* [Lioncash (1)](<https://github.com/dotnet/coreclr/commits/master?author=matthew1800@gmail.com>)

\* [Luca (1)](<https://github.com/dotnet/coreclr/commits/master?author=luca.duran@hotmail.com>)

\* [Ludovic Henry (1)](<https://github.com/dotnet/coreclr/commits/master?author=ludovic@xamarin.com>)

\* [Luqun Lou (1)](<https://github.com/dotnet/coreclr/commits/master?author=luqunl@microsoft.com>)

\* [Marcel Gosselin (1)](<https://github.com/dotnet/coreclr/commits/master?author=marcel.gosselin@gmail.com>)

\* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=ktos@ktos.info>)

\* [Marcin Badurowicz (1)](<https://github.com/dotnet/coreclr/commits/master?author=m@badurowicz.net>)

\* [Mark Hurd (1)](<https://github.com/dotnet/coreclr/commits/master?author=markehurd@gmail.com>)

\* [Marvin (1)](<https://github.com/dotnet/coreclr/commits/master?author=krixdev@gmail.com>)

\*

[Matt (1)](<https://github.com/dotnet/coreclr/commits/master?author=mmartell@15J8NM1.mi.corp.rockfin.com>)

\* [Matt Burke (1)](<https://github.com/dotnet/coreclr/commits/master?author=git@mattburkedev.com>)

\* [Matt Johnson (1)](<https://github.com/dotnet/coreclr/commits/master?author=matt.johnson@microsoft.com>)

\* [Matthew Whilden (1)](<https://github.com/dotnet/coreclr/commits/master?author=mwhilden@microsoft.com>)

\* [Mikhail I. Krivtsov (1)](<https://github.com/dotnet/coreclr/commits/master?author=m.krivtsov@samsung.com>)

\* [Mikhail Pilin (1)](<https://github.com/dotnet/coreclr/commits/master?author=ww898@users.noreply.github.com>)

\* [Mili (Yi) Zhang (1)](<https://github.com/dotnet/coreclr/commits/master?author=milizhang@gmail.com>)

\* [Mirth Hickford (1)](<https://github.com/dotnet/coreclr/commits/master?author=mirth.hickford@gmail.com>)

\* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mikhail.krivtsov@gmail.com>)

\* [mkborg (1)](<https://github.com/dotnet/coreclr/commits/master?author=mkborg@users.noreply.github.com>)

\*

[mogemimi (1)](<https://github.com/dotnet/coreclr/commits/master?author=mogemimi@enginetrrouble.net>)

\* [Nico Weber (1)](<https://github.com/dotnet/coreclr/commits/master?author=nicolasweber@gmx.de>)

\* [Nicolas Deslandes (1)](<https://github.com/dotnet/coreclr/commits/master?author=ndeslandes@live.fr>)

\* [njoy (1)](<https://github.com/dotnet/coreclr/commits/master?author=indastria@gmail.com>)

\* [Noah Falk (1)](<https://github.com/dotnet/coreclr/commits/master?author=noahfalk@microsoft.com>)

\* [Pascal Borreli (1)](<https://github.com/dotnet/coreclr/commits/master?author=pascal@borreli.com>)

\* [Pat Gavlin (1)](<https://github.com/dotnet/coreclr/commits/master?author=pgavlin@gmail.com>)

\* [Patrick Lambert (1)](<https://github.com/dotnet/coreclr/commits/master?author=dendory@live.ca>)

\* [paulnice (1)](<https://github.com/dotnet/coreclr/commits/master?author=ru.pchel@gmail.com>)

\* [Pavel Pochobut (1)](<https://github.com/dotnet/coreclr/commits/master?author=pavel.pochobut@gmail.com>)

\*

[Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/master?author=pefoley2@pefoley.com>)

\* [Peter Marcu (1)](<https://github.com/dotnet/coreclr/commits/master?author=Peter.Marcu@Microsoft.com>)

\* [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/master?author=prajwal.an92@gmail.com>)

\* [Rajkumar Janakiraman (1)](<https://github.com/dotnet/coreclr/commits/master?author=janakiraman.rajkumar@gmail.com>)

\* [rhadley (1)](<https://github.com/dotnet/coreclr/commits/master?author=rhadley@microsoft.com>)

\* [Roman Pavlov (1)](<https://github.com/dotnet/coreclr/commits/master?author=romansp@users.noreply.github.com>)

\* [Ron Cain (1)](<https://github.com/dotnet/coreclr/commits/master?author=roncain@microsoft.com>)

\* [Rony Batista (1)](<https://github.com/dotnet/coreclr/commits/master?author=rony.batista29@gmail.com>)

\* [Rumesh Eranga (1)](<https://github.com/dotnet/coreclr/commits/master?author=rehrumesh@users.noreply.github.com>)

\* [Sasha Semennikov (1)](<https://github.com/dotnet/coreclr/commits/master?author=alsemenn@microsoft.com>)

\*



[sbomer (1)](<https://github.com/dotnet/coreclr/commits/master?author=sbomer@gmail.com>)

\* [Scott Harwell (1)](<https://github.com/dotnet/coreclr/commits/master?author=scott@harwell.me>)

\* [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/master?author=sejooh@sejoohubuntu0.guest.corp.microsoft.com>)

\* [Sergei Vorobev (1)](<https://github.com/dotnet/coreclr/commits/master?author=xvorsx@gmail.com>)

\* [Spencer Stephens (1)](<https://github.com/dotnet/coreclr/commits/master?author=spencer.leo.stephens@gmail.com>)

\* [Stephen Cleary (1)](<https://github.com/dotnet/coreclr/commits/master?author=github.ourteddybear@xoxy.net>)

\* [Thomas Klausner (1)](<https://github.com/dotnet/coreclr/commits/master?author=tk@giga.or.at>)

\* [tjjoytom (1)](<https://github.com/dotnet/coreclr/commits/master?author=tjjoytom.com>)

\* [Tom Van Looy (1)](<https://github.com/dotnet/coreclr/commits/master?author=tom@ctors.net>)

\* [Val Menn (1)](<https://github.com/dotnet/coreclr/commits/master?author=vmenn@microsoft.com>)

\*

[Valery (1)](<https://github.com/dotnet/coreclr/commits/master?author=m08pvv@ya.ru>)

\* [Viacheslav Ivanov (1)](<https://github.com/dotnet/coreclr/commits/master?author=viacheslav.ivanov@gmail.com>)

\* [vkairys (1)](<https://github.com/dotnet/coreclr/commits/master?author=kairys.vilius@gmail.com>)

\* [Wes Haggard (1)](<https://github.com/dotnet/coreclr/commits/master?author=weshaggard@users.noreply.github.com>)

\* [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/master?author=xiangyang.guo@intel.com>)

\* [zhangkaizhao (1)](<https://github.com/dotnet/coreclr/commits/master?author=zhangkaizhao@gmail.com>)

## ## CoreFX

\* [stephentoub (1298)](<https://github.com/dotnet/corefx/commits/master?author=stoub@microsoft.com>)

\* [Eric St. John (308)](<https://github.com/dotnet/corefx/commits/master?author=ericstj@microsoft.com>)

\* [Hugh Bellamy (291)](<https://github.com/dotnet/corefx/commits/master?author=hughbellars@gmail.com>)

\*

[bartonjs (279)](<https://github.com/dotnet/corefx/commits/master?author=jbarton@microsoft.com>)

\* [Jon Hanna (242)](<https://github.com/dotnet/corefx/commits/master?author=jon@hackcraft.net>)

\* [Eric Mellino (188)](<https://github.com/dotnet/corefx/commits/master?author=erme@microsoft.com>)

\* [Justin Van Patten (186)](<https://github.com/dotnet/corefx/commits/master?author=jvp@justinvp.com>)

\* [Matt Ellis (178)](<https://github.com/dotnet/corefx/commits/master?author=matell@microsoft.com>)

\* [Nick Guerrero (166)](<https://github.com/dotnet/corefx/commits/master?author=nicholg@microsoft.com>)

\* [Ian Hays (156)](<https://github.com/dotnet/corefx/commits/master?author=ianha@microsoft.com>)

\* [Lakshmi Priya Sekar (150)](<https://github.com/dotnet/corefx/commits/master?author=lasekar@microsoft.com>)

\* [Wes Haggard (146)](<https://github.com/dotnet/corefx/commits/master?author=Wes.Haggard@microsoft.com>)

\* [David Shulman (127)](<https://github.com/dotnet/corefx/commits/master?author=david.shulman@microsoft.com>)

\*

[Eric Erhardt (114)](<https://github.com/dotnet/corefx/commits/master?author=eric.erhardt@microsoft.com>)

\* [Eric Eilebrecht (104)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@hotmail.com>)

\* [Matt Mitchell (94)](<https://github.com/dotnet/corefx/commits/master?author=mmitch@microsoft.com>)

\* [Maxwe11 (91)](<https://github.com/dotnet/corefx/commits/master?author=turin.dmytro@gmail.com>)

\* [Matt Cohn (90)](<https://github.com/dotnet/corefx/commits/master?author=macohn@microsoft.com>)

\* [Pallavi Taneja (87)](<https://github.com/dotnet/corefx/commits/master?author=pallavit@microsoft.com>)

\* [Christopher Costa (81)](<https://github.com/dotnet/corefx/commits/master?author=chcosta@microsoft.com>)

\* [Alexander Kplinger (72)](<https://github.com/dotnet/corefx/commits/master?author=alex.koeplinger@outlook.com>)

\* [Bart De Smet (71)](<https://github.com/dotnet/corefx/commits/master?author=bartde@microsoft.com>)

\* [Tomas Matousek (69)](<https://github.com/dotnet/corefx/commits/master?author=tomas.matousek@microsoft.com>)

\*

[Pat Gavlin (65)](<https://github.com/dotnet/corefx/commits/master?author=pgavlin@gmail.com>)

\* [Andrew Arnott (63)](<https://github.com/dotnet/corefx/commits/master?author=andarno@microsoft.com>)

\* [Khoa Dang (62)](<https://github.com/dotnet/corefx/commits/master?author=Khoa.Dang@microsoft.com>)

\* [Cory Rivera (61)](<https://github.com/dotnet/corefx/commits/master?author=corivera@microsoft.com>)

\* [Jonathan Miller (58)](<https://github.com/dotnet/corefx/commits/master?author=jonmill@microsoft.com>)

\* [Charles Lowell (57)](<https://github.com/dotnet/corefx/commits/master?author=chlowe@microsoft.com>)

\* [Atsushi Kanamori (56)](<https://github.com/dotnet/corefx/commits/master?author=atsushik@microsoft.com>)

\* [Saurabh Singh (51)](<https://github.com/dotnet/corefx/commits/master?author=saurabh500@gmail.com>)

\* [Stephen A. Imhoff (50)](<https://github.com/dotnet/corefx/commits/master?author=clockwork-muse@outlook.com>)

\* [Joel Hendrix (48)](<https://github.com/dotnet/corefx/commits/master?author=jhendrix@microsoft.com>)

\*

[Krzysztof Wicher (47)](<https://github.com/dotnet/corefx/commits/master?author=kwicher@microsoft.com>)

\* [James Ko (45)](<https://github.com/dotnet/corefx/commits/master?author=jamesqko@gmail.com>)

\* [Krzysztof Cwalina (43)](<https://github.com/dotnet/corefx/commits/master?author=kcwalina@microsoft.com>)

\* [Khoa Dang (39)](<https://github.com/dotnet/corefx/commits/master?author=khdang@microsoft.com>)

\* [Jose Perez Rodriguez (37)](<https://github.com/dotnet/corefx/commits/master?author=joperezr@microsoft.com>)

\* [Tarek Mahmoud Sayed (37)](<https://github.com/dotnet/corefx/commits/master?author=tarekms@microsoft.com>)

\* [Peter Jas (35)](<https://github.com/dotnet/corefx/commits/master?author=necmon@yahoo.com>)

\* [Vance Morrison (35)](<https://github.com/dotnet/corefx/commits/master?author=vancem@microsoft.com>)

\* [Cristian Pop (34)](<https://github.com/dotnet/corefx/commits/master?author=Cristian.Pop@microsoft.com>)

\* [Taylor Southwick (34)](<https://github.com/dotnet/corefx/commits/master?author=tasou@microsoft.com>)

\*

[Shmueli Englard (33)](<https://github.com/dotnet/corefx/commits/master?author=shmueli.yosef@englard.net>)

\* [Davis Goodin (31)](<https://github.com/dotnet/corefx/commits/master?author=dagood@microsoft.com>)

\* [Deepak Shankargouda (31)](<https://github.com/dotnet/corefx/commits/master?author=deshank@microsoft.com>)

\* [Jeremy Kuhne (30)](<https://github.com/dotnet/corefx/commits/master?author=jeremy.kuhne@microsoft.com>)

\* [vsadov (27)](<https://github.com/dotnet/corefx/commits/master?author=vsadov@microsoft.com>)

\* [Alex Ghiondea (26)](<https://github.com/dotnet/corefx/commits/master?author=ghiondea.alexandru@microsoft.com>)

\* [Hemanth Kapila (24)](<https://github.com/dotnet/corefx/commits/master?author=saihemanth@gmail.com>)

\* [Immo Landwerth (24)](<https://github.com/dotnet/corefx/commits/master?author=immol@microsoft.com>)

\* [Mariana Rios Flores (23)](<https://github.com/dotnet/corefx/commits/master?author=mariari@microsoft.com>)

\* [Shin Mao (20)](<https://github.com/dotnet/corefx/commits/master?author=shmao@microsoft.com>)

\* [Jan Kotas (19)](<https://github.com/dotnet/corefx/commits/master?author=jkotas@microsoft.com>)

\* [Kamil Rytarowski (19)](<https://github.com/dotnet/corefx/commits/master?author=n54@gmx.com>)

\* [Bruce Bowyer-Smyth (18)](<https://github.com/dotnet/corefx/commits/master?author=bbowyersmyth@live.com.au>)

\* [Shruti Garg (18)](<https://github.com/dotnet/corefx/commits/master?author=shgarg@microsoft.com>)

\* [Steve Harter (18)](<https://github.com/dotnet/corefx/commits/master?author=sharter@microsoft.com>)

\* [Venkatraman Mahalingam (18)](<https://github.com/dotnet/corefx/commits/master?author=vemaha@microsoft.com>)

\* [Julien Couvreur (17)](<https://github.com/dotnet/corefx/commits/master?author=julien.couvreur@gmail.com>)

\* [Matt Johnson (17)](<https://github.com/dotnet/corefx/commits/master?author=matt.johnson@microsoft.com>)

\* [Rajan Singh (17)](<https://github.com/dotnet/corefx/commits/master?author=rajansin@microsoft.com>)

\*

[Sam Harwell (17)](<https://github.com/dotnet/corefx/commits/master?author=sam@tunnelvisionlabs.com>)

\* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@microsoft.com>)

\* [MarkPflug (16)](<https://github.com/dotnet/corefx/commits/master?author=mark.pflug@live.com>)

\* [Sridhar Periyasamy (15)](<https://github.com/dotnet/corefx/commits/master?author=sridhper@microsoft.com>)

\* [kkurni (14)](<https://github.com/dotnet/corefx/commits/master?author=kkurni@microsoft.com>)

\* [Jeremy Kuhne (13)](<https://github.com/dotnet/corefx/commits/master?author=jkuhne@microsoft.com>)

\* [Nate Slottow (13)](<https://github.com/dotnet/corefx/commits/master?author=naslotto@microsoft.com>)

\* [Pat Gavlin (13)](<https://github.com/dotnet/corefx/commits/master?author=pagavlin@microsoft.com>)

\* [Patrick McDonald (13)](<https://github.com/dotnet/corefx/commits/master?author=paddymcdonald@gmail.com>)

\* [Tom Matouek (13)](<https://github.com/dotnet/corefx/commits/master?author=tmat@users.noreply.github.com>)

\*

[Vijay Kota (13)](<https://github.com/dotnet/corefx/commits/master?author=vijayko@microsoft.com>)

\* [Axel Heer (12)](<https://github.com/dotnet/corefx/commits/master?author=axel@heer.eu>)

\* [Eric Eilebrecht (12)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@users.noreply.github.com>)

\* [Jared Parsons (12)](<https://github.com/dotnet/corefx/commits/master?author=jaredpar@microsoft.com>)

\* [Lakshmi Priya (12)](<https://github.com/dotnet/corefx/commits/master?author=Priya91@users.noreply.github.com>)

\* [Alfredo Menendez Sancho (11)](<https://github.com/dotnet/corefx/commits/master?author=alfremen@microsoft.com>)

\* [Bruce Bowyer-Smyth (11)](<https://github.com/dotnet/corefx/commits/master?author=contact@wmf2wpf.com>)

\* [David Fowler (11)](<https://github.com/dotnet/corefx/commits/master?author=davidfowl@gmail.com>)

\* [James Ko (11)](<https://github.com/dotnet/corefx/commits/master?author=kojames8111@gmail.com>)

\* [Jan Henke (11)](<https://github.com/dotnet/corefx/commits/master?author=Jan.Henke@tau.jhe.de>)

\*

[Koundinya Veluri (11)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@microsoft.com>)

\* [Matt Galbraith (11)](<https://github.com/dotnet/corefx/commits/master?author=MattGal@users.noreply.github.com>)

\* [Nate Amundson (11)](<https://github.com/dotnet/corefx/commits/master?author=naamunds@microsoft.com>)

\* [Peter Marcu (11)](<https://github.com/dotnet/corefx/commits/master?author=Peter.Marcu@Microsoft.com>)

\* [SGuy Ge (11)](<https://github.com/dotnet/corefx/commits/master?author=sguyge@microsoft.com>)

\* [Thomas Stringer (11)](<https://github.com/dotnet/corefx/commits/master?author=tr.stringer@outlook.com>)

\* [Vancem (11)](<https://github.com/dotnet/corefx/commits/master?author=VanceMorrison@comcast.net>)

\* [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/master?author=gkhanna@microsoft.com>)

\* [ikopylov (10)](<https://github.com/dotnet/corefx/commits/master?author=ikopylov@users.noreply.github.com>)

\* [Richard Lander (10)](<https://github.com/dotnet/corefx/commits/master?author=rlander@microsoft.com>)

\*

[\_aLfa\_ (9)](<https://github.com/dotnet/corefx/commits/master?author=mail@joaodias.eu>)

\* [Dmitry-Me (9)](<https://github.com/dotnet/corefx/commits/master?author=wipedout@yandex.ru>)

\* [Guillermo Rangel (9)](<https://github.com/dotnet/corefx/commits/master?author=josra@microsoft.com>)

\* [Matt Mitchell (9)](<https://github.com/dotnet/corefx/commits/master?author=matchell@outlook.com>)

\* [Wes Haggard (9)](<https://github.com/dotnet/corefx/commits/master?author=weshaggard@users.noreply.github.com>)

\* [David Kean (8)](<https://github.com/dotnet/corefx/commits/master?author=davkean@microsoft.com>)

\* [Frank M (8)](<https://github.com/dotnet/corefx/commits/master?author=frankmand@outlook.com>)

\* [Saurabh Singh (8)](<https://github.com/dotnet/corefx/commits/master?author=sausing@microsoft.com>)

\* [Dan Moseley (7)](<https://github.com/dotnet/corefx/commits/master?author=danmose@microsoft.com>)

\* [Josh Free (7)](<https://github.com/dotnet/corefx/commits/master?author=joshfree@users.noreply.github.com>)

\*

[Matt Galbraith (7)](<https://github.com/dotnet/corefx/commits/master?author=mattgal@microsoft.com>)

\* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/master?author=gsvick@gmail.com>)

\* [richamsft (7)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

\* [Ben Bader (6)](<https://github.com/dotnet/corefx/commits/master?author=ben@bendb.com>)

\* [bjjones (6)](<https://github.com/dotnet/corefx/commits/master?author=brandon1.jones@intel.com>)

\* [David Mason (6)](<https://github.com/dotnet/corefx/commits/master?author=davmason@microsoft.com>)

\* [Geunsik Lim (6)](<https://github.com/dotnet/corefx/commits/master?author=geunsik.lim@samsung.com>)

\* [Marc Wrth (6)](<https://github.com/dotnet/corefx/commits/master?author=ravage@bluewin.ch>)

\* [Parker Shelton (6)](<https://github.com/dotnet/corefx/commits/master?author=parker.shelton@gmail.com>)

\* [sepidehMS (6)](<https://github.com/dotnet/corefx/commits/master?author=sekho@microsoft.com>)

\*

[Bernie Schoch (5)](<https://github.com/dotnet/corefx/commits/master?author=bpschoch@gmail.com>)

\* [Eric Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/master?author=ericeil@microsoft.com>)

\* [Hannah Zhang (5)](<https://github.com/dotnet/corefx/commits/master?author=t-hazhan@microsoft.com>)

\* [Ioana Crant (5)](<https://github.com/dotnet/corefx/commits/master?author=ioana.crant@gmail.com>)

\* [Jostein Kjnigsen (5)](<https://github.com/dotnet/corefx/commits/master?author=jostein@kjonigsen.net>)

\* [Karthik Rajasekaran (5)](<https://github.com/dotnet/corefx/commits/master?author=karajas@microsoft.com>)

\* [Matt Connew (5)](<https://github.com/dotnet/corefx/commits/master?author=mconnew@microsoft.com>)

\* [Omari Omarov (5)](<https://github.com/dotnet/corefx/commits/master?author=omario@outlook.com>)

\* [Oren Novotny (5)](<https://github.com/dotnet/corefx/commits/master?author=oren@novotny.org>)

\* [Shaun Wilde (5)]([https://github.com/dotnet/corefx/commits/master?author=shaun\\_wilde@hotmail.com](https://github.com/dotnet/corefx/commits/master?author=shaun_wilde@hotmail.com))

\*

[Wes Haggard (5)](<https://github.com/dotnet/corefx/commits/master?author=wesh@microsoft.com>)

\* [Alexander Kozlenko (4)](<https://github.com/dotnet/corefx/commits/master?author=alexander.kozlenko@live.com>)

\* [Andrew Arnott (4)](<https://github.com/dotnet/corefx/commits/master?author=andrewarnott@gmail.com>)

\* [Chad Nedzlek (4)](<https://github.com/dotnet/corefx/commits/master?author=chadnedz@microsoft.com>)

\* [Eric White (4)](<https://github.com/dotnet/corefx/commits/master?author=eric@ericwhite.com>)

\* [John Bottenberg (4)](<https://github.com/dotnet/corefx/commits/master?author=jobotten@microsoft.com>)

\* [Kevin Jones (4)](<https://github.com/dotnet/corefx/commits/master?author=kevin@vcsjones.com>)

\* [Kwang Yul Seo (4)](<https://github.com/dotnet/corefx/commits/master?author=kwangyul.seo@gmail.com>)

\* [Manu (4)](<https://github.com/dotnet/corefx/commits/master?author=manu-silicon@users.noreply.github.com>)

\* [Page-Not-Found (4)](<https://github.com/dotnet/corefx/commits/master?author=siren6029@gmail.com>)

\*

[Pavel Labovich (4)](<https://github.com/dotnet/corefx/commits/master?author=p.labovich@gmail.com>)

\* [Rafid K. Abdullah (4)](<https://github.com/dotnet/corefx/commits/master?author=rafidka@gmail.com>)

\* [rozm (4)](<https://github.com/dotnet/corefx/commits/master?author=rozm@ciklum.com>)

\* [scorpion (4)](<https://github.com/dotnet/corefx/commits/master?author=scorpion.jze@gmail.com>)

\* [Stephen Bonikowsky (4)](<https://github.com/dotnet/corefx/commits/master?author=stebon@microsoft.com>)

\* [Vijay Kota (4)](<https://github.com/dotnet/corefx/commits/master?author=vijaykota@users.noreply.github.com>)

\* [Ying Peng (4)](<https://github.com/dotnet/corefx/commits/master?author=YingP@microsoft.com>)

\* [Zlatko Knezevic (4)](<https://github.com/dotnet/corefx/commits/master?author=zlakne@microsoft.com>)

\* [Aleksey Tsingauz (3)](<https://github.com/dotnet/corefx/commits/master?author=alekseyt@microsoft.com>)

\* [Alex Perovich (3)](<https://github.com/dotnet/corefx/commits/master?author=alperovi@microsoft.com>)

\*

[Alexander Vostres (3)](<https://github.com/dotnet/corefx/commits/master?author=alexx999@gmail.com>)

\* [Alexandr Nikitin (3)](<https://github.com/dotnet/corefx/commits/master?author=nikitin.alexandr.a@gmail.com>)

\* [Amy Qiu (3)](<https://github.com/dotnet/corefx/commits/master?author=umberos@gmail.com>)

\* [Andrey Akinshin (3)](<https://github.com/dotnet/corefx/commits/master?author=andrey.akinshin@gmail.com>)

\* [Bar Arnon (3)](<https://github.com/dotnet/corefx/commits/master?author=I3arnon@gmail.com>)

\* [Brian Robbins (3)](<https://github.com/dotnet/corefx/commits/master?author=brianrob@microsoft.com>)

\* [Cory Nelson (3)](<https://github.com/dotnet/corefx/commits/master?author=cnelson@ctlglobalsolutions.com>)

\* [Dmitry Kakurin (3)](<https://github.com/dotnet/corefx/commits/master?author=dmitryk@microsoft.com>)

\* [Gaurav Khanna (CLR)](<https://github.com/dotnet/corefx/commits/master?author=gaurav.khanna@microsoft.com>)

\* [Geoffrey Huntley (3)](<https://github.com/dotnet/corefx/commits/master?author=ghuntley@ghuntley.com>)

\*

[Hemanth Kapila (3)](<https://github.com/dotnet/corefx/commits/master?author=skapila@microsoft.com>)

\* [John Cunningham (3)](<https://github.com/dotnet/corefx/commits/master?author=jac009@outlook.com>)

\* [Josh Free (3)](<https://github.com/dotnet/corefx/commits/master?author=jfree@microsoft.com>)

\* [Mike McLaughlin (3)](<https://github.com/dotnet/corefx/commits/master?author=mikem@microsoft.com>)

\* [Nadia (3)](<https://github.com/dotnet/corefx/commits/master?author=natkach@microsoft.com>)

\* [Ron Cain (3)](<https://github.com/dotnet/corefx/commits/master?author=roncain@microsoft.com>)

\* [Tomas Matousek (3)](<https://github.com/dotnet/corefx/commits/master?author=tomat@microsoft.com>)

\* [Ufuk Hacoullar (3)](<https://github.com/dotnet/corefx/commits/master?author=ufukhaciogullari@gmail.com>)

\* [William Godbe (3)](<https://github.com/dotnet/corefx/commits/master?author=william.godbe@comcast.net>)

\* [Alex Sorokoletov (2)](<https://github.com/dotnet/corefx/commits/master?author=alex@dreamteam-mobile.com>)

\*

[Alexander Speshilov (2)](<https://github.com/dotnet/corefx/commits/master?author=speshuric@gmail.com>)

\* [Andrew Au (2)](<https://github.com/dotnet/corefx/commits/master?author=andrewau@microsoft.com>)

\* [Ankit Sinha (2)](<https://github.com/dotnet/corefx/commits/master?author=ankitbko@gmail.com>)

\* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/master?author=AustinWise@gmail.com>)

\* [Ben Adams (2)](<https://github.com/dotnet/corefx/commits/master?author=thundercat@illyriad.co.uk>)

\* [Ben Pye (2)](<https://github.com/dotnet/corefx/commits/master?author=ben@curlybracket.co.uk>)

\* [Cristian Pop (2)](<https://github.com/dotnet/corefx/commits/master?author=CIPop@users.noreply.github.com>)

\* [David Guyonvarch (2)](<https://github.com/dotnet/corefx/commits/master?author=guyonvarch.david@gmail.com>)

\* [Dmitri Botcharnikov (2)](<https://github.com/dotnet/corefx/commits/master?author=dmitry.b@samsung.com>)

\* [Eric Erhardt (2)](<https://github.com/dotnet/corefx/commits/master?author=eerhardt@Eric-MacBook-Pro.local>)

\*

[Gregg Miskelly (2)](<https://github.com/dotnet/corefx/commits/master?author=greggm@microsoft.com>)

\* [jbe2277 (2)](<https://github.com/dotnet/corefx/commits/master?author=jbe2277@users.noreply.github.com>)

\* [Jeff Handley (2)](<https://github.com/dotnet/corefx/commits/master?author=jeffhandley@users.noreply.github.com>)

\* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/master?author=jy910.yun@samsung.com>)

\* [Joe Tremblay (2)](<https://github.com/dotnet/corefx/commits/master?author=jos.trem@gmail.com>)

\* [kapilash (2)](<https://github.com/dotnet/corefx/commits/master?author=kapilash@outlook.com>)

\* [Kasey Uhlenhuth (2)](<https://github.com/dotnet/corefx/commits/master?author=kaseyu@microsoft.com>)

\* [Kristian Hellang (2)](<https://github.com/dotnet/corefx/commits/master?author=kristian@hellang.com>)

\* [lajones (2)](<https://github.com/dotnet/corefx/commits/master?author=lajones@microsoft.com>)

\* [Lee Coward (2)](<https://github.com/dotnet/corefx/commits/master?author=leecow@microsoft.com>)

\*

[leppie (2)](<https://github.com/dotnet/corefx/commits/master?author=xacc.ide@gmail.com>)

\* [louluqun (2)](<https://github.com/dotnet/corefx/commits/master?author=louluqun@hotmail.com>)

\* [Maksym Rozborskyi (2)](<https://github.com/dotnet/corefx/commits/master?author=hexelium@gmail.com>)

\* [Marcin Juraszek (2)](<https://github.com/dotnet/corefx/commits/master?author=mail@marcinjuraszek.com>)

\* [Nate McMaster (2)](<https://github.com/dotnet/corefx/commits/master?author=nate.mcmaster@microsoft.com>)

\* [Patrik Svensson (2)](<https://github.com/dotnet/corefx/commits/master?author=patrik@patriksvensson.se>)

\* [Peter Marcu (2)](<https://github.com/dotnet/corefx/commits/master?author=pmarcu@microsoft.com>)

\* [ProgramFOX (2)](<https://github.com/dotnet/corefx/commits/master?author=programfox@hotmail.be>)

\* [Rainer Sigwald (2)](<https://github.com/dotnet/corefx/commits/master?author=raines@microsoft.com>)

\* [Richa Verma (2)](<https://github.com/dotnet/corefx/commits/master?author=richas@microsoft.com>)

\*

[Sedar Gokbulut (2)](<https://github.com/dotnet/corefx/commits/master?author=sedarg@microsoft.com>)

\* [Steve Harter (2)](<https://github.com/dotnet/corefx/commits/master?author=steveharter@users.noreply.github.com>)

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

\* [Toni Petrina (2)](<https://github.com/dotnet/corefx/commits/master?author=tpetrina@tpetrina.com>)

\* [Trent Raymond (2)](<https://github.com/dotnet/corefx/commits/master?author=roydukkey@gmail.com>)

\* [Abdurrahman Kken (1)](<https://github.com/dotnet/corefx/commits/master?author=akoken@outlook.com>)

\* [Adam Ralph (1)](<https://github.com/dotnet/corefx/commits/master?author=adam@adamralph.com>)

\* [Aditya Mandaleeka (1)](<https://github.com/dotnet/corefx/commits/master?author=adityam@microsoft.com>)

\* [Alcaro (1)](<https://github.com/dotnet/corefx/commits/master?author=Alcaro@users.noreply.github.com>)

\* [Alex (1)](<https://github.com/dotnet/corefx/commits/master?author=alexbruceharley@gmail.com>)

\*

[Alex Recker (1)](<https://github.com/dotnet/corefx/commits/master?author=alex@reckerfamily.com>)

\* [Alfred White (1)](<https://github.com/dotnet/corefx/commits/master?author=AlgorithmsAreCool@gmail.com>)

\* [Alicia Li (1)](<https://github.com/dotnet/corefx/commits/master?author=Alicial@Microsoft.com>)

\* [andi9310 (1)](<https://github.com/dotnet/corefx/commits/master?author=andrzej.podgorski@hotmail.com>)

\* [Andrea Martinelli (1)](<https://github.com/dotnet/corefx/commits/master?author=antiufo@gmail.com>)

\* [Andrew (1)](<https://github.com/dotnet/corefx/commits/master?author=andrewshirokoff@gmail.com>)

\* [Andrew Arnott (1)](<https://github.com/dotnet/corefx/commits/master?author=andrew.arnott@microsoft.com>)

\* [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/master?author=anpete@microsoft.com>)

\* [Andrew Schwartzmeyer (1)](<https://github.com/dotnet/corefx/commits/master?author=andschwa@microsoft.com>)

\* [Anubhav Saini (1)](<https://github.com/dotnet/corefx/commits/master?author=IAmAnubhavSaini@GMail.com>)

\*

[Arkady Shapkin (1)]([https://github.com/dotnet/corefx/commits/master?author=arkadiy\\_s@inbox.ru](https://github.com/dotnet/corefx/commits/master?author=arkadiy_s@inbox.ru))

\* [Ashley Mannix (1)](<https://github.com/dotnet/corefx/commits/master?author=admin@kodr.com.au>)

\* [Ben Bader (1)](<https://github.com/dotnet/corefx/commits/master?author=ben@getkeepsafe.com>)

\* [Ben Gribaudo (1)](<https://github.com/dotnet/corefx/commits/master?author=me@bengribaudo.com>)

\* [Benjamin Hodgson (1)](<https://github.com/dotnet/corefx/commits/master?author=benjamin.hodgson@huddle.com>)

\* [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/master?author=billwert@microsoft.com>)

\* [Blanche (1)](<https://github.com/dotnet/corefx/commits/master?author=blanche012006@yahoo.ca>)

\* [BrennanConroy (1)](<https://github.com/dotnet/corefx/commits/master?author=brecon@microsoft.com>)

\* [briangru (1)](<https://github.com/dotnet/corefx/commits/master?author=grunk@live.com>)

\* [Chamila Chulatunga (1)](<https://github.com/dotnet/corefx/commits/master?author=chamila.chulatunga@gmail.com>)

\*

[Chris Bohm (1)](<https://github.com/dotnet/corefx/commits/master?author=chrisboh@microsoft.com>)

\* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/master?author=crummel@microsoft.com>)

- \* [Daniel Paoliello (1)](<https://github.com/dotnet/corefx/commits/master?author=daniel@meta-sys.info>)
- \* [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/master?author=daplaist@microsoft.com>)
- \* [Daniel Trebbien (1)](<https://github.com/dotnet/corefx/commits/master?author=dtrebbien@gmail.com>)
- \* [David Zucker (1)](<https://github.com/dotnet/corefx/commits/master?author=davzucky@hotmail.com>)
- \* [Dimitar Dimitrov (1)](<https://github.com/dotnet/corefx/commits/master?author=dimitrov2k@gmail.com>)
- \* [Dmitry Vakylenko (1)](<https://github.com/dotnet/corefx/commits/master?author=kremdima@mail.ru>)
- \* [DmitryGaravsky (1)](<https://github.com/dotnet/corefx/commits/master?author=garavskydmitry@gmail.com>)
- \* [Dominic Catherin (1)](<https://github.com/dotnet/corefx/commits/master?author=dominic.catherin@gmail.com>)
- \*
- [Edward Kim (1)](<https://github.com/dotnet/corefx/commits/master?author=onward.edkim@gmail.com>)
- \* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eadordzhiev@users.noreply.github.com>)
- \* [Eldar Dordzhiev (1)](<https://github.com/dotnet/corefx/commits/master?author=eldardordzhiev@gmail.com>)
- \* [Eli Arbel (1)](<https://github.com/dotnet/corefx/commits/master?author=aelij@arbel.net>)
- \* [Eric White (1)](<https://github.com/dotnet/corefx/commits/master?author=v-ericwh@microsoft.com>)
- \* [Erik Schierboom (1)]([https://github.com/dotnet/corefx/commits/master?author=erik\\_schierboom@hotmail.com](https://github.com/dotnet/corefx/commits/master?author=erik_schierboom@hotmail.com))
- \* [Erwin Janssen (1)](<https://github.com/dotnet/corefx/commits/master?author=erwinjanssen@outlook.com>)
- \* [Gabriel (1)](<https://github.com/dotnet/corefx/commits/master?author=developer.gabriel@gmail.com>)
- \* [Gareth Thomas (1)](<https://github.com/dotnet/corefx/commits/master?author=gareth.thomas@cds.co.uk>)
- \* [Gerald Scott Freeman (1)](<https://github.com/dotnet/corefx/commits/master?author=gsfreema@gmail.com>)
- \* [Gerjan (1)](<https://github.com/dotnet/corefx/commits/master?author=gkonterman@gmail.com>)
- \* [Gert Driesen (1)](<https://github.com/dotnet/corefx/commits/master?author=gert.driesen@telenet.be>)
- \* [Geunsik Lim (1)](<https://github.com/dotnet/corefx/commits/master?author=geunsik@samsung.com>)
- \* [Giorgi Dalakishvili (1)](<https://github.com/dotnet/corefx/commits/master?author=mcnamaragio@gmail.com>)
- \* [Gopal Adhikari (1)](<https://github.com/dotnet/corefx/commits/master?author=gopala@email.arizona.edu>)
- \* [Govert van Drimmelen (1)](<https://github.com/dotnet/corefx/commits/master?author=govert@icon.co.za>)
- \* [Govind Sahai (1)](<https://github.com/dotnet/corefx/commits/master?author=gsiitbhu@gmail.com>)
- \* [Grzegorz Roniecki (1)](<https://github.com/dotnet/corefx/commits/master?author=xaerxess@gmail.com>)
- \* [Guclu Ozturk (1)](<https://github.com/dotnet/corefx/commits/master?author=gucluozturk@gmail.com>)
- \* [Ilya Biryukov (1)](<https://github.com/dotnet/corefx/commits/master?author=ilbiryuk@microsoft.com>)
- \* [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/master?author=immo@landwerth.net>)
- \* [jacobcarpenter (1)](<https://github.com/dotnet/corefx/commits/master?author=github@jacobcarpenter.com>)
- \* [Jake Petroules (1)](<https://github.com/dotnet/corefx/commits/master?author=jake.petroules@petroules.com>)
- \* [Jarret Shook (1)]([https://github.com/dotnet/corefx/commits/master?author=jarret\\_shook@outlook.com](https://github.com/dotnet/corefx/commits/master?author=jarret_shook@outlook.com))
- \* [jashook (1)](<https://github.com/dotnet/corefx/commits/master?author=jashoo@microsoft.com>)
- \* [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/master?author=jasonpang@outlook.com>)
- \* [jasonwoods-7 (1)](<https://github.com/dotnet/corefx/commits/master?author=jwoods@appliedsystems.com>)
- \* [Jb Evain (1)](<https://github.com/dotnet/corefx/commits/master?author=jb@evain.net>)
- \* [jbuisson (1)](<https://github.com/dotnet/corefx/commits/master?author=jbuisson@octo.com>)
- \* [Jeff Foster (1)](<https://github.com/dotnet/corefx/commits/master?author=jeff.foster@acm.org>)
- \*
- [Jeremy Barton (1)](<https://github.com/dotnet/corefx/commits/master?author=bartonjs@jsb-mac.local>)
- \* [Joe Tremblay (1)](<https://github.com/dotnet/corefx/commits/master?author=joe.tremblay@ncr.com>)
- \* [John Bentley (1)](<https://github.com/dotnet/corefx/commits/master?author=john@johnbentley.ninja>)
- \* [John Chen (CLR) (1)](<https://github.com/dotnet/corefx/commits/master?author=jochen@microsoft.com>)
- \* [Jon Miller (1)](<https://github.com/dotnet/corefx/commits/master?author=sokket@outlook.com>)

\* [Jonathon Rossi (1)](<https://github.com/dotnet/corefx/commits/master?author=jono@jonorossi.com>)

\* [Jorgen Thelin (1)](<https://github.com/dotnet/corefx/commits/master?author=jthelin@microsoft.com>)

\* [Joseph Lennox (1)](<https://github.com/dotnet/corefx/commits/master?author=jlennox@gmail.com>)

\* [Joseph Woodward (1)](<https://github.com/dotnet/corefx/commits/master?author=josephwoodward@xeuse.com>)

\* [Kamran Ayub (1)](<https://github.com/dotnet/corefx/commits/master?author=kamran.ayub@gmail.com>)

\*

[Kevin David (1)](<https://github.com/dotnet/corefx/commits/master?author=kevin.david@microsoft.com>)

\* [Kevin Pilch-Bisson (1)](<https://github.com/dotnet/corefx/commits/master?author=me@pilchie.com>)

\* [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/master?author=kouvel@users.noreply.github.com>)

\* [Lukasz Wolanin (1)](<https://github.com/dotnet/corefx/commits/master?author=lukasz.wolanin@pracuj.pl>)

\* [Maira Wenzel (1)](<https://github.com/dotnet/corefx/commits/master?author=mairaw@users.noreply.github.com>)

\* [Marc Gravell (1)](<https://github.com/dotnet/corefx/commits/master?author=marc.gravell@gmail.com>)

\* [Marek (1)](<https://github.com/dotnet/corefx/commits/master?author=GitHub@marekfiser.cz>)

\* [Mark Hurd (1)](<https://github.com/dotnet/corefx/commits/master?author=markehurd@gmail.com>)

\* [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/master?author=fubar-coder@users.noreply.github.com>)

\* [martincostello (1)](<https://github.com/dotnet/corefx/commits/master?author=martin@martincostello.com>)

\*

[Matthew Whilden (1)](<https://github.com/dotnet/corefx/commits/master?author=mwhilden@microsoft.com>)

\* [Michael Aird (1)](<https://github.com/dotnet/corefx/commits/master?author=michael.aird@gmail.com>)

\* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/master?author=michals@microsoft.com>)

\* [Miguel de Icaza (1)](<https://github.com/dotnet/corefx/commits/master?author=miguel@gnome.org>)

\* [mihailik (1)](<https://github.com/dotnet/corefx/commits/master?author=mihailik@gmail.com>)

\* [Mike Popoloski (1)](<https://github.com/dotnet/corefx/commits/master?author=mike@popoloski.com>)

\* [Mike Rousos (1)](<https://github.com/dotnet/corefx/commits/master?author=MikeRou@Microsoft.com>)

\* [Mircea Trofin (1)](<https://github.com/dotnet/corefx/commits/master?author=mirceat@microsoft.com>)

\* [mirhagk (1)](<https://github.com/dotnet/corefx/commits/master?author=mirhagk@gmail.com>)

\* [mkborg (1)](<https://github.com/dotnet/corefx/commits/master?author=mkborg@users.noreply.github.com>)

\*

[moozyk (1)](<https://github.com/dotnet/corefx/commits/master?author=pawelka@microsoft.com>)

\* [Mort Yao (1)](<https://github.com/dotnet/corefx/commits/master?author=mort.yao@gmail.com>)

\* [MyungJoo Ham (1)](<https://github.com/dotnet/corefx/commits/master?author=myungjoo.ham@samsung.com>)

\* [nbilling (1)](<https://github.com/dotnet/corefx/commits/master?author=nbilling@microsoft.com>)

\* [Noah Falk (1)](<https://github.com/dotnet/corefx/commits/master?author=noahfalk@microsoft.com>)

\* [Paolo G. Giarrusso (1)](<https://github.com/dotnet/corefx/commits/master?author=p.giarrusso@gmail.com>)

\* [Peter Blazejewicz (1)](<https://github.com/dotnet/corefx/commits/master?author=peter.blazejewicz@gmail.com>)

\* [Peter Monks (1)](<https://github.com/dotnet/corefx/commits/master?author=pjmonks@gmail.com>)

\* [Petermarcu (1)](<https://github.com/dotnet/corefx/commits/master?author=Petermarcu@hotmail.com>)

\* [Pierre Arnaud (1)](<https://github.com/dotnet/corefx/commits/master?author=arnaud@epsitec.ch>)

\*

[Prajwal A N (1)](<https://github.com/dotnet/corefx/commits/master?author=an.prajwal@samsung.com>)

\* [Rahul Kotecha (1)](<https://github.com/dotnet/corefx/commits/master?author=rahul.kotecha@microsoft.com>)

\* [Rama Krishnan Raghupathy (1)](<https://github.com/dotnet/corefx/commits/master?author=ramarag@microsoft.com>)

\* [rcabr (1)](<https://github.com/dotnet/corefx/commits/master?author=github@reubencabrera.com>)

\* [Russell Gray (1)](<https://github.com/dotnet/corefx/commits/master?author=russgray@gmail.com>)

\* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/master?author=saehie.park@samsung.com>)



- \* [Shawn Hargreaves (1)](<https://github.com/dotnet/corefx/commits/master?author=shawnhar@microsoft.com>)
- \* [Shay Rojansky (1)](<https://github.com/dotnet/corefx/commits/master?author=roji@roji.org>)
- \* [Simon Timms (1)](<https://github.com/dotnet/corefx/commits/master?author=stimms@gmail.com>)
- \* [Steven Engelhardt (1)](<https://github.com/dotnet/corefx/commits/master?author=sengelha@gmail.com>)
- \*
- [stukselbax (1)](<https://github.com/dotnet/corefx/commits/master?author=stukselbax@gmail.com>)
- \* [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/master?author=sjlee@mail.com>)
- \* [SunnyWar (1)](<https://github.com/dotnet/corefx/commits/master?author=itsallthesametome@hotmail.com>)
- \* [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/master?author=tagoo@microsoft.com>)
- \* [Taylor Southwick (1)](<https://github.com/dotnet/corefx/commits/master?author=twsouthwick@outlook.com>)
- \* [theCrispy (1)](<https://github.com/dotnet/corefx/commits/master?author=chr.steinert@outlook.com>)
- \* [Tijoy Tom Kalathiparambil (1)](<https://github.com/dotnet/corefx/commits/master?author=tijoytk@microsoft.com>)
- \* [Tom Deseyn (1)](<https://github.com/dotnet/corefx/commits/master?author=tom.deseyn@gmail.com>)
- \* [tymlipari (1)](<https://github.com/dotnet/corefx/commits/master?author=tym@tymlipari.com>)
- \* [Ujjwol Lamichhane (1)](<https://github.com/dotnet/corefx/commits/master?author=ujjwollamichhane@gmail.com>)
- \*
- [vecode (1)](<https://github.com/dotnet/corefx/commits/master?author=marvindanker@gmail.com>)
- \* [Vlad Riscutia (1)](<https://github.com/dotnet/corefx/commits/master?author=vladris@outlook.com>)
- \* [Wade Wegner (1)](<https://github.com/dotnet/corefx/commits/master?author=wade.wegner@gmail.com>)
- \* [yfakariya (1)](<https://github.com/dotnet/corefx/commits/master?author=yfakariya@gmail.com>)

## ## Core Tools

- \* [Bryan Thornbury (304)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=brthor@microsoft.com>)
- \* [Sridhar Periyasamy (210)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=sridhper@microsoft.com>)
- \* [Eric Erhardt (196)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com>)
- \* [David Fowler (164)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=davidfowl@gmail.com>)
- \* [piotrp (149)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=piotrp@microsoft.com>)
- \* [Andrew Stanton-Nurse (148)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@andrewnurse.net>)
- \*
- [Pavel Krymets (107)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=pavel@krymets.com>)
- \* [Senthil (106)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=schellap@microsoft.com>)
- \* [Livar Cunha (78)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=livar@live.com>)
- \* [Zlatko Knezevic (78)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=zlakne@microsoft.com>)
- \* [Krzysztof Wicher (74)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kwicher@microsoft.com>)
- \* [Troy Dai (66)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=troy.dai@outlook.com>)
- \* [Mihai Codoban (43)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=micodoba@microsoft.com>)
- \* [Matt Ellis (26)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=matell@microsoft.com>)
- \* [Andy Gocke (25)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=angocke@microsoft.com>)
- \* [Livar Cunha (21)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=licavalc@microsoft.com>)
- \*
- [Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=prkrishn@hotmail.com>)
- \* [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@stanton-nurse.com>)
- \* [Enrico Sada (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=enrico@sada.io>)
- \* [Eric Mellino (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=erme@microsoft.com>)
- \* [Eric St. John (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ericstj@microsoft.com>)

- \* [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=danquirk@microsoft.com>)
- \* [glennnc (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=glennnc@microsoft.com>)
- \* [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=c.neumueller@gmail.com>)
- \* [Petr Onderka (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=gsvick@gmail.com>)
- \* [Tanner Gooding (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=tannergooding@users.noreply.github.com>)
- \*
- [Gaurav Khanna (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=gkhanna@microsoft.com>)
- \* [moozyk (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=pawelka@microsoft.com>)
- \* [Richard Lander (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rlander@microsoft.com>)
- \* [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jonmill@microsoft.com>)
- \* [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rob@firegiant.com>)
- \* [Adam Gorman (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=adamgor@microsoft.com>)
- \* [Lakshan Fernando (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=lakshanf@microsoft.com>)
- \* [MichaelSimons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=msimons@microsoft.com>)
- \* [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Peter.Marcu@Microsoft.com>)
- \* [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=toddmosc@microsoft.com>)
- \*
- [Wes Haggard (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Wes.Haggard@microsoft.com>)
- \* [Ajay Bhargav Baaskaran (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajbaaska@microsoft.com>)
- \* [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=chucks@microsoft.com>)
- \* [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mmitch@microsoft.com>)
- \* [Krzysztof Wicher (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mordotymoja@gmail.com>)
- \* [Austin Wise (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=AustinWise@gmail.com>)
- \* [Jared Parsons (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpparsons@gmail.com>)
- \* [Justin Emgarten (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=justin@emgarten.com>)
- \* [Nate Amundson (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=naamunds@microsoft.com>)
- \* [Rohit Agrawal (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ragrawal@microsoft.com>)
- \*
- [Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=adityam@microsoft.com>)
- \* [Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=billwert@microsoft.com>)
- \* [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=dpodder@gmail.com>)
- \* [dasMulli (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=martin.andreas.ullrich@gmail.com>)
- \* [James Ko (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jamesqko@gmail.com>)
- \* [Jared Parsons (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpar@microsoft.com>)
- \* [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jeremy.ymeng@gmail.com>)
- \* [Joel Verhagen (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jver@microsoft.com>)
- \* [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kevin@vcsjones.com>)
- \* [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=lee.ryan.campbell@gmail.com>)
- \*
- [Manish Jayaswal (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=manishj@microsoft.com>)
- \* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nimullen@microsoft.com>)
- \* [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=office@schneider-netservices.com>)
- \* [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=rajesh.kakadia@gmail.com>)
- \* [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=victor.hurdugaci@microsoft.com>)
- \* [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajaybhargavb@gmail.com>)
- \* [Aleksandar Milicevic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=almili@microsoft.com>)
- \* [Alex KeySmith

(1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=AlexKeySmith@users.noreply.github.com>)

\* [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=alpaix@outlook.com>)

\*

[Alexander Kozlenko (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=alexander.kozlenko@live.com>)

\* [Bart Koelman (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)

\* [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=thundercat@illyriad.co.uk>)

\* [blackdwarf (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=blackdwarf@msforge.net>)

\* [Brian Robbins (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=brianrob@microsoft.com>)

\* [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bricelam@microsoft.com>)

\* [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=bricelam@outlook.com>)

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=cesars@microsoft.com>)

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

\* [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=dapodd@microsoft.com>)

\*

[David Lechner (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=david@lechnology.com>)

\* [Dennis Fischer (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0?author=fischer\\_dennis@live.de](https://github.com/dotnet/cli/commits/rel/1.0.0?author=fischer_dennis@live.de))

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

\* [Eric Erhardt (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eerhardt@Eric-MacBook-Pro.local>)

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

\* [factormystic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=factormystic@gmail.com>)

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

\* [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jacalvar@microsoft.com>)

\* [Jan Kotas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jkotas@microsoft.com>)

\* [Jan Vorlicek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=janvorli@microsoft.com>)

\*

[Joel Hendrix (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jhendrix@microsoft.com>)

\* [John Luo (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jt.luo@mail.utoronto.ca>)

\* [John Van Tuyl (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jpvantuy@gmail.com>)

\* [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=jean-thierry.kechichian@wanadoo.fr>)

\* [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=cH40z-Lord@outlook.com>)

\* [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=kyulee@microsoft.com>)

\* [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=Priya91@users.noreply.github.com>)

\* [Luke Elliott (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=revlucio@gmail.com>)

\* [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mis@guardrex.com>)

\* [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=fubar-coder@users.noreply.github.com>)

\*

[Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=mark@markrendle.net>)

\* [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=martin@martincostello.com>)

\* [Nate McMaster (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=nate.mcmaster@microsoft.com>)

\* [nattress (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=simonn@microsoft.com>)

\* [Noah Falk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=noahfalk@microsoft.com>)

\* [Peter Jas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=necmon@yahoo.com>)

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

\* [shahid-pk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=shahid.mrd@hotmail.com>)

\* [stephentoub (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=stoub@microsoft.com>)

\* [Tanner Gooding (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=tannergooding@outlook.com>)

\*

- [The Gitter Badger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=badger@gitter.im>)
- \* [Tomas Matousek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=tomas.matousek@microsoft.com>)
- \* [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=zhili128@outlook.com>)

## ## Core Docs

- \* [Steve Hoag (195)](<https://github.com/dotnet/core-docs/commits/master?author=shoag@microsoft.com>)
- \* [Zlatko Knezevic (61)](<https://github.com/dotnet/core-docs/commits/master?author=zlakne@microsoft.com>)
- \* [Bill Wagner (42)](<https://github.com/dotnet/core-docs/commits/master?author=bill@thebillwagner.com>)
- \* [Richard Lander (35)](<https://github.com/dotnet/core-docs/commits/master?author=rlander@microsoft.com>)
- \* [Tom Dykstra (29)](<https://github.com/dotnet/core-docs/commits/master?author=tdykstra@microsoft.com>)
- \* [Beth Massi (28)](<https://github.com/dotnet/core-docs/commits/master?author=bethma@microsoft.com>)
- \* [Phillip Carter (26)](<https://github.com/dotnet/core-docs/commits/master?author=phillip.carter@outlook.com>)
- \*
- [matthewreily (24)](<https://github.com/dotnet/core-docs/commits/master?author=matthew.reily@interworks.com>)
- \* [rpetrusha (21)](<https://github.com/dotnet/core-docs/commits/master?author=ronpet@microsoft.com>)
- \* [Petr Onderka (17)](<https://github.com/dotnet/core-docs/commits/master?author=gsvick@gmail.com>)
- \* [Maira Wenzel (16)](<https://github.com/dotnet/core-docs/commits/master?author=mairaw@users.noreply.github.com>)
- \* [Bill Wagner (14)](<https://github.com/dotnet/core-docs/commits/master?author=wiwagn@microsoft.com>)
- \* [brady gaster (14)](<https://github.com/dotnet/core-docs/commits/master?author=bradyg@microsoft.com>)
- \* [blackdwarf (12)](<https://github.com/dotnet/core-docs/commits/master?author=zlakne@zlakne-bigun.redmond.corp.microsoft.com>)
- \* [Ken Chen (12)](<https://github.com/dotnet/core-docs/commits/master?author=kenchen@microsoft.com>)
- \* [Qinzen Zhu (12)](<https://github.com/dotnet/core-docs/commits/master?author=qinzhu@microsoft.com>)
- \*
- [Liangying (7)](<https://github.com/dotnet/core-docs/commits/master?author=lianwei@microsoft.com>)
- \* [Steven Das (7)](<https://github.com/dotnet/core-docs/commits/master?author=DasAllFolks@users.noreply.github.com>)
- \* [Kemp Brown (5)](<https://github.com/dotnet/core-docs/commits/master?author=kempb1@hotmail.com>)
- \* [Daniel Roth (4)](<https://github.com/dotnet/core-docs/commits/master?author=danroth27@hotmail.com>)
- \* [Duncan Mackenzie (4)](<https://github.com/dotnet/core-docs/commits/master?author=duncanma@microsoft.com>)
- \* [Bertrand Le Roy (3)](<https://github.com/dotnet/core-docs/commits/master?author=bertrandleroy@gmail.com>)
- \* [blackdwarf (3)](<https://github.com/dotnet/core-docs/commits/master?author=blackdwarf@msforge.net>)
- \* [Eric StJohn (3)](<https://github.com/dotnet/core-docs/commits/master?author=ericstj@microsoft.com>)
- \* [Kemp Brown (3)](<https://github.com/dotnet/core-docs/commits/master?author=kempb@microsoft.com>)
- \* [Maira Wenzel (3)](<https://github.com/dotnet/core-docs/commits/master?author=mairaw@microsoft.com>)
- \*
- [Scott Hanselman (3)](<https://github.com/dotnet/core-docs/commits/master?author=scott@hanselman.com>)
- \* [Usman Prashant Satish (3)](<https://github.com/dotnet/core-docs/commits/master?author=anotherkabab@gmail.com>)
- \* [Brett Morrison (2)](<https://github.com/dotnet/core-docs/commits/master?author=b@brettmorrison.com>)
- \* [Daniel Plaisted (2)](<https://github.com/dotnet/core-docs/commits/master?author=dsplaisted@gmail.com>)
- \* [Jack Fox (2)](<https://github.com/dotnet/core-docs/commits/master?author=jackfoxy@gmail.com>)
- \* [Martin Volerich (2)](<https://github.com/dotnet/core-docs/commits/master?author=martin@volerich.com>)
- \* [Adam Kinney (1)](<https://github.com/dotnet/core-docs/commits/master?author=adkinn@microsoft.com>)
- \* [Adrian Flood (1)](<https://github.com/dotnet/core-docs/commits/master?author=ajf2@users.noreply.github.com>)

\* [Alberto Monteiro (1)](<https://github.com/dotnet/core-docs/commits/master?author=alberto.monteiro@live.com>)

\*

[Alex Troshkin (1)](<https://github.com/dotnet/core-docs/commits/master?author=alextroshkin@outlook.com>)

\* [Allan Lindqvist (1)]([https://github.com/dotnet/core-docs/commits/master?author=al\\_3891@hotmail.com](https://github.com/dotnet/core-docs/commits/master?author=al_3891@hotmail.com))

\* [Andrew Arnott (1)](<https://github.com/dotnet/core-docs/commits/master?author=andrewarnott@gmail.com>)

\* [Bertrand Le Roy (1)](<https://github.com/dotnet/core-docs/commits/master?author=beleroy@microsoft.com>)

\* [Bill Wagner (1)](<https://github.com/dotnet/core-docs/commits/master?author=bill.w.wagner@outlook.com>)

\* [Cole Mickens (1)](<https://github.com/dotnet/core-docs/commits/master?author=cole.mickens@gmail.com>)

\* [Dan Moseley (1)](<https://github.com/dotnet/core-docs/commits/master?author=danmose@microsoft.com>)

\* [danroth27 (1)](<https://github.com/dotnet/core-docs/commits/master?author=daroth@microsoft.com>)

\* [David V. McKay (1)](<https://github.com/dotnet/core-docs/commits/master?author=david.v.mckay@gmail.com>)

\* [Den Delimarsky (1)](<https://github.com/dotnet/core-docs/commits/master?author=ddelimarsky@live.com>)

\*

[Doron Grinzaig (1)](<https://github.com/dotnet/core-docs/commits/master?author=grdoron@gmail.com>)

\* [fenxu (1)](<https://github.com/dotnet/core-docs/commits/master?author=fenxu@microsoft.com>)

\* [Giorgio Galante (1)](<https://github.com/dotnet/core-docs/commits/master?author=GiorgioG@users.noreply.github.com>)

\* [ichengzi (1)](<https://github.com/dotnet/core-docs/commits/master?author=ichengzi@users.noreply.github.com>)

\* [imran\_ku07 (1)]([https://github.com/dotnet/core-docs/commits/master?author=imran\\_ku07@yahoo.com](https://github.com/dotnet/core-docs/commits/master?author=imran_ku07@yahoo.com))

\* [Isaac Abraham (1)](<https://github.com/dotnet/core-docs/commits/master?author=isaac.abraham@live.co.uk>)

\* [Lewis Kirkaldie (1)](<https://github.com/dotnet/core-docs/commits/master?author=lewis.kirkaldie@gmail.com>)

\* [Martin Woodward (1)](<https://github.com/dotnet/core-docs/commits/master?author=martin@dotnetfoundation.org>)

\* [Matthew Reily (1)](<https://github.com/dotnet/core-docs/commits/master?author=me@mattreily.com>)

\* [Nat Elkins (1)](<https://github.com/dotnet/core-docs/commits/master?author=nelkins@acaclient.com>)

\*

[Nate Barbettini (1)](<https://github.com/dotnet/core-docs/commits/master?author=nathanaelb@gmail.com>)

\* [Nate McMaster (1)](<https://github.com/dotnet/core-docs/commits/master?author=natemcmaster@users.noreply.github.com>)

\* [Robin Mller (1)](<https://github.com/dotnet/core-docs/commits/master?author=robin.mueller@outlook.de>)

\* [Ruben Bartelink (1)](<https://github.com/dotnet/core-docs/commits/master?author=ruben@bartelink.com>)

\* [seandebutts (1)](<https://github.com/dotnet/core-docs/commits/master?author=seandemployment@gmail.com>)

\* [Thiago 'Jedi' Abreu (1)](<https://github.com/dotnet/core-docs/commits/master?author=thiagoa7@gmail.com>)

\* [Ying Hua (1)](<https://github.com/dotnet/core-docs/commits/master?author=herohua@users.noreply.github.com>)

\* [zhangmm (1)](<https://github.com/dotnet/core-docs/commits/master?author=zhangmin6105@qq.com>)

## ## WCF

\* [Ron Cain (191)](<https://github.com/dotnet/wcf/commits/master?author=roncain@microsoft.com>)

\*

[Jason Pang (176)](<https://github.com/dotnet/wcf/commits/master?author=jasonpa@microsoft.com>)

\* [Stephen Bonikowsky (150)](<https://github.com/dotnet/wcf/commits/master?author=stebon@microsoft.com>)

\* [Matt Connew (80)](<https://github.com/dotnet/wcf/commits/master?author=mconnew@microsoft.com>)

\* [hongdai (49)](<https://github.com/dotnet/wcf/commits/master?author=hongdai@microsoft.com>)

\* [Eric St. John (41)](<https://github.com/dotnet/wcf/commits/master?author=ericstj@microsoft.com>)

\* [Shin Mao (29)](<https://github.com/dotnet/wcf/commits/master?author=shmao@microsoft.com>)

\* [Zhenlan Wang (16)](<https://github.com/dotnet/wcf/commits/master?author=zhenlwa@microsoft.com>)

\* [Matt Mitchell (14)](<https://github.com/dotnet/wcf/commits/master?author=mmitche@microsoft.com>)

- \* [Davis Goodin (12)](<https://github.com/dotnet/wcf/commits/master?author=dagood@microsoft.com>)
- \* [Sajay Antony (9)](<https://github.com/dotnet/wcf/commits/master?author=sajaya@microsoft.com>)
- \* [Eric Mellino (7)](<https://github.com/dotnet/wcf/commits/master?author=erme@microsoft.com>)
- \* [Wes Haggard (7)](<https://github.com/dotnet/wcf/commits/master?author=Wes.Haggard@microsoft.com>)
- \* [Christopher Costa (6)](<https://github.com/dotnet/wcf/commits/master?author=chcosta@microsoft.com>)
- \* [dmetzgar (6)](<https://github.com/dotnet/wcf/commits/master?author=dmetzgar@microsoft.com>)
- \* [Jason Pang (5)](<https://github.com/dotnet/wcf/commits/master?author=iamjasonp@users.noreply.github.com>)
- \* [Joel Hendrix (4)](<https://github.com/dotnet/wcf/commits/master?author=jhendrix@microsoft.com>)
- \* [Matt Ellis (4)](<https://github.com/dotnet/wcf/commits/master?author=matell@microsoft.com>)
- \* [Khoa Dang (3)](<https://github.com/dotnet/wcf/commits/master?author=Khoa.Dang@microsoft.com>)
- \* [Konst Khurin (3)](<https://github.com/dotnet/wcf/commits/master?author=kkhurin@microsoft.com>)
- \* [Peter Hsu (3)](<https://github.com/dotnet/wcf/commits/master?author=shhsu@microsoft.com>)
- \* [James Ko (2)](<https://github.com/dotnet/wcf/commits/master?author=jamesqko@gmail.com>)
- \*
- [Mariana Rios Flores (2)](<https://github.com/dotnet/wcf/commits/master?author=mariari@microsoft.com>)
- \* [Nick Guerrero (2)](<https://github.com/dotnet/wcf/commits/master?author=nicholg@microsoft.com>)
- \* [Davis Goodin (1)](<https://github.com/dotnet/wcf/commits/master?author=dagood@users.noreply.github.com>)
- \* [Dmitry (1)](<https://github.com/dotnet/wcf/commits/master?author=777Eternal777@users.noreply.github.com>)
- \* [Dmitry Turin (1)](<https://github.com/dotnet/wcf/commits/master?author=turin.dmytro@gmail.com>)
- \* [Dmitry Vakylenko (1)](<https://github.com/dotnet/wcf/commits/master?author=kremdima@mail.ru>)
- \* [Dustin Metzgar (1)](<https://github.com/dotnet/wcf/commits/master?author=dmetzgar@users.noreply.github.com>)
- \* [Eric St. John (1)](<https://github.com/dotnet/wcf/commits/master?author=Eric.St.John@microsoft.com>)
- \* [Jan Kotas (1)](<https://github.com/dotnet/wcf/commits/master?author=jkotas@microsoft.com>)
- \* [Jose Perez Rodriguez (1)](<https://github.com/dotnet/wcf/commits/master?author=joperezr@microsoft.com>)
- \*
- [Matt Mitchell (1)](<https://github.com/dotnet/wcf/commits/master?author=matchell@outlook.com>)

# 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)

- [Bryan Thornbury (403)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [Livar Cunha (303)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com>)
- [Eric Erhardt (273)](<https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com>)

-

[Piotr Puskiewicz (237)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)

- [Sridhar Periyasamy (222)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com>)

- [David Fowler (164)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com>)

- [Andrew Stanton-Nurse (148)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net>)

- [Pavel Krymets (109)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com>)

- [Senthil (106)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)

- [Zlatko Knezevic (86)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com>)

- [Krzysztof Wicher (74)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com>)

- [Troy Dai (66)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com>)

-

[Mihai Codoban (43)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com>)

- [Faizan Ahmad (32)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faahmad@microsoft.com>)

- [Krzysztof Wicher (29)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mordotymoja@gmail.com>)

- [Matt Ellis (26)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com>)

- [Andy Gocke (25)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=angocke@microsoft.com>)

- [Enrico Sada (22)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=enrico@sada.io>)

- [Pranav K (20)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)

- [Justin Goshi (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jgoshi@microsoft.com>)

- [Andrew Stanton-Nurse (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com>)

-

[eerhardt (19)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)

- [Eric Mellino (18)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)

- [Eric St. John (16)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com>)

- [Petr Onderka (15)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gs Vick@gmail.com>)

- [Dan Quirk (13)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=danquirk@microsoft.com>)

- [Glenn Condrun (12)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=glenn@microsoft.com>)

- [discostu105 (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=c.neumueller@gmail.com>)

- [Tanner Gooding (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@users.noreply.github.com>)

- [Richard Lander (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rlander@microsoft.com>)

-

[Justin Emgarten (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=justin@emgarten.com>)

- [moozyk (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pawelka@microsoft.com>)

- [Gaurav Khanna (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gkhanna@microsoft.com>)

- [Ajay Bhargav Baaskaran (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajbaaska@microsoft.com>)

- [jplebre (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jplebre@gmail.com>)

- [Rohit Agrawal (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Jonathan Miller (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonmill@microsoft.com>)
- [Rob Mensching (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@firegiant.com>)
- [Jeff Kluge (8)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeffkl@microsoft.com>)
- 
- [Michael Simons (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Wes Haggard (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Wes.Haggard@microsoft.com>)
- [Adam Gorman (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adamgor@microsoft.com>)
- [Peter Marcu (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Peter.Marcu@Microsoft.com>)
- [Nick Guerrero (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nicholg@microsoft.com>)
- [Lakshan Fernando (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lakshanf@microsoft.com>)
- [Todd Moscinski (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com>)
- [Matt Mitchell (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mmitche@microsoft.com>)
- [Charles Stoner (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=chucks@microsoft.com>)
- 
- [dasMulli (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin.andreas.ullrich@gmail.com>)
- [cartermp (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcart@microsoft.com>)
- [Ryan Nowak (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com>)
- [Nate Amundson (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=naamunds@microsoft.com>)
- [Jared Parsons (5)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jaredpar@microsoft.com>)
- [Michael Simons (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Austin Wise (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AustinWise@gmail.com>)
- [Joel Verhagen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jver@microsoft.com>)
- [N. Taylor Mullen (4)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nimullen@microsoft.com>)
- 
- [mendhak (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gpslogger@mendhak.com>)
- [Dennis Fricke (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=github@dennis-fricke.de>)
- [Nate McMaster (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nate.mcmaster@microsoft.com>)
- [Tomas Matousek (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tomas.matousek@microsoft.com>)
- [James Ko (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jamesqko@gmail.com>)
- [Davis Goodin (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dagood@microsoft.com>)
- [Arun Mahapatra (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=codito@users.noreply.github.com>)
- [v-masche (3)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-masche@DDVMASCHE492>)
- [Aditya Mandaleeka (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adityam@microsoft.com>)
-



[Bill Wert (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)

- [Daniel Podder (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Faizan2304 (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faizan2304@hotmail.com>)
- [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=frsilb@microsoft.com>)
- [Jeremy Meng (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremy.ymeng@gmail.com>)
- [Kevin Jones (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kevin@vcsjones.com>)
- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
- [Lee Campbell (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lee.ryan.campbell@gmail.com>)
- [Manish Jayaswal (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=manishj@microsoft.com>)
- 
- [Mike Lorbetske (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mlorbe@microsoft.com>)
- [Peter Schneider (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=office@schneider-netservices.com>)
- [Phil Henning (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phenning@microsoft.com>)
- [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rrelyea@microsoft.com>)
- [Shannon (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sdeminick@gmail.com>)
- [Victor Hurdugaci (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=victor.hurdugaci@microsoft.com>)
- [rkakadia (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rajesh.kakadia@gmail.com>)
- [seancpeters (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sepeters@microsoft.com>)
- [Kyungwoo Lee (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kyulee@microsoft.com>)
- 
- [nattress (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=simonn@microsoft.com>)
- [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremie.galarneau@gmail.com>)
- [Juergen Hoetzel (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=juergen@archlinux.org>)
- [Jostein Kjonigsen (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jostein@kjonigsen.net>)
- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@jonathans-mbp.guest.corp.microsoft.com>)
- [Noah Falk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=noahfalk@microsoft.com>)
- [Adam Baxter (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=voltage@voltage.org>)
- [Jonathan Miller (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@Jonathans-MacBook-Pro.local>)
- [Peter Jas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=necmon@yahoo.com>)
- 
- [John Van Tuyl (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jpvantuy@gmail.com>)
- [Alex KeySmith (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AlexKeySmith@users.noreply.github.com>)
- [John Luo (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jl.luo@mail.utoronto.ca>)
- [Ajay Bhargav Baaskaran (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajaybhargavb@gmail.com>)
- [Joel Hendrix (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jhendrix@microsoft.com>)
- [Jan Vorlicek (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=janvorli@microsoft.com>)
- [Jan Kotas (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jkotas@microsoft.com>)
- [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=hkchoi@microsoft.com>)

preview2.1?author=hk0110.choi@samsung.com)

- [Geoff Norton (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=grompf@gmail.com>)
- 
- [Rob Relyea (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@relyeas.net>)
- [Aleksandar Milicevic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=almili@microsoft.com>)
- [Falco (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rs38@users.noreply.github.com>)
- [Erik Schierboom (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erik\\_schierboom@hotmail.com](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>)
- [Dennis Fischer (1)]([https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer\\_dennis@live.de](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer_dennis@live.de))
- [The Gitter Badger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=badger@gitter.im>)
- [David Lechner (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=david@lechnology.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dapodd@microsoft.com>)
- [Daniel Bradley (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=daniel@danielbradley.net>)
- [shahid-pk (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=shahid.mrd@hotmail.com>)
- [Damian Edwards (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-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>)
- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)
- [Chris Rummel (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com>)
- [Chris R (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com>)
- [Cesar Blum Silveira (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cesars@microsoft.com>)
- [stephentoub (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=stoub@microsoft.com>)
- [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@outlook.com>)
- [Brice Lambson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@microsoft.com>)
- [drewgil (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=drewgil@microsoft.com>)
- [Brian Robbins (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brianrob@microsoft.com>)
- 
- [factormystic (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=factormystic@gmail.com>)
- [Ben Adams (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk>)
- [jacalvar (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com>)
- [Bart Koelman (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bartkoelmanNOSPAM@NOSPAMgmail.com>)
- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [kloun (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrey0bolkonsky@gmail.com>)
- [kotov.a (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com>)

- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Alexander Kozlenko (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alexander.kozlenko@live.com>)
- [Alex Panov (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alpaix@outlook.com>)
- [Mark Clearwater (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mclearwater@gmail.com>)
- [Mark Junker (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [Luke Latham (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com>)
- [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=MattGal@users.noreply.github.com>)
- [Luke Elliott (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=revlucio@gmail.com>)
- [Mattias Karlsson (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se>)
- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [Kai Eichinger (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cH40z-Lord@outlook.com>)

#### # Contributions to .NET Core 2.0

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

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

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

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

## CLI

- \* [Livar Cunha (311)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com>)
- \* [Piotr Puskiewicz (219)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com>)
- \* [Eric Erhardt (159)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- \* [Justin Goshi (145)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com>)
- \* [Krzysztof Wicher (103)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com>)
- \*
- [Mike Lorbetske (100)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com>)
- \* [jonsequitur (77)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com>)
- \* [John Beisner (76)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com>)
- \* [Nick Guerrera (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=jonsequeira@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>)

\*

[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>)

\*

[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>)

\*

[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>)
- \* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)
- \* [Fredric Silberberg (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=frsilb@microsoft.com>)
- \* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)
- \* [Karthik Rajasekaran (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=karajas@microsoft.com>)
- \* [Ken Dale (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)
- \* [N. Taylor Mullen (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nimullen@microsoft.com>)
- \* [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- \* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)
- \* [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>)
- \* [Phil Henning (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=phenning@microsoft.com>)
- \* [Richard Lander (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)
- \* [Rob Relyea (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rrelyea@microsoft.com>)
- \*
- [Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)
- \* [Shannon (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sdeminick@gmail.com>)
- \* [William Lee (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=xingmu33@gmail.com>)
- \* [Zhi Li (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=zhili128@outlook.com>)
- \* [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)
- \* [Abhitej Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aajohn@microsoft.com>)
- \* [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)
- \* [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)
- \* [Michael Simons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)
- \* [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \*
- [Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)
- \* [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=saehe.park@samsung.com>)
- \* [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)
- \* [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)
- \* [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)
- \* [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)

- \* [Alexander Kplinger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)
- \* [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)
- \* [Kevin Ransom (msft) (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com>)
- \*
- [Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)
- \* [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)
- \* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)
- \* [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jltc.co.uk>)
- \* [Wes Haggard (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
- \* [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com>)
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- \* [Hyung-Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)
- \* [Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)
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- \* [Adeel (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com>)
- \* [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)
- \* [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)
- \* [Daniel Plaisted (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dsplaisted@gmail.com>)
- \* [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
- \* [eerhardt (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)
- \* [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>)
- \* [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)
- \*
- [Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)
- \* [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)
- \* [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)
- \* [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)
- \* [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)
- \* [foresterre (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com>)
- \* [Bill Wert (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=billwert@microsoft.com>)

## ## CoreCLR

- \* [Jonghyun Park (242)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
- \* [Jan Kotas (182)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \*
- [Pat Gavlin (143)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
- \* [danmosemsft (139)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [Bruce Forstall (101)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com>)
- \* [Andy Ayers (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)
- \* [wtgodbe (77)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Stephen Toub (76)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)

\* [Joseph Tremoulet (58)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)

\* [Mike Danes (57)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

\* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (53)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\*

[Jan Vorlicek (50)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)

\* [Sergey Andreenko (49)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)

\* [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com>)

\* [Michelle McDaniel (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Hyeongseok Oh (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [Gaurav Khanna (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)

\* [Aditya Mandaleeka (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)

\* [Koundinya Veluri (40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)

\* [Sean Gillespie (36)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

\*

[Carol Eidt (35)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)

\* [Rahul Kumar (34)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com>)

\* [Tarek Mahmoud Sayed (33)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

\* [Justin Van Patten (32)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

\* [Atsushi Kanamori (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

\* [Steve MacLean (30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Mikhail Skvortcov (30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com>)

\* [Mike McLaughlin (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)

\*

[Hyung-Kyu Choi (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

\* [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

\* [jashook (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Drew Scoggins (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [Alex Perovich (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Ben Adams (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [Brian Robbins (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Dan Moseley (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)

\*

[Jeremy Kuhne (22)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

\* [Frederik Carlier (20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

\* [Brian Sullivan (20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com>)

\* [Russ Keldorph  
(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com>)

\* [Evgeny Pavlov (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com>)

\* [Michal Strehovsk  
(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

\* [Pat Gavlin (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

\* [William Godbe (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Swaroop Sridhar  
(15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

\*

[John Chen (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Tanner Gooding (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

\* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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

\* [Hanjoung Lee (12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

\* [Ahson Ahmed Khan  
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\* [Hyung-Kyu Choi  
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\* [ahsonkhan (12)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

\*

[Dmitry-Me (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com>)

\* [Ian Hays (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com>)

\* [Davis Goodin  
(11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [Jim Ma (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)

\* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)

\* [Igor Kulaychuk  
(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

\* [Sujin Kim (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Alexander Radchenko  
(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

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

\*

[ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)

\* [Eric Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)

\* [Vance Morrison (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com>)

\* [Faizur Rahman (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com>)

\* [Matt Mitchell (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitch@microsoft.com>)

\* [Alexander Soldatov  
(7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com>)



\* [Jon Hanna (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net>)

\* [Hyeongseok Oh (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

\* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)

\* [Yi Zhang (CLR) (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

\* [Daniel Podder (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)

\* [Rich Lander (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Eric Erhardt (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [Jos Rivero (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Mukul Sabharwal (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

\* [SaeHie Park (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@samsung.com>)

\* [Viktor Hofer (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)

\* [Wes Haggard (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)

\* [Sven Boemer (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)

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[John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

\* [Karel Zikmund (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

\* [Matt Warren (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk>)

\* [Peter Marcu (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com>)

\* [Roman Artemev (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com>)

\* [Aditya Mandaleeka (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com>)

\* [Cyd Haselton (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com>)

\* [noahfalk (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com>)

\* [Adam Sitnik (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com>)

\* [Alex Ghiondea (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [Buyduck (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com>)

\* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

\* [LaSombra (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com>)

\* [mskvortsov (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Jiyoung Giuliana Yun (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com>)

\* [chunseoklee (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

\*

[Mandar Sahasrabuddhe (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

\* [Maoni Stephens (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

\* [Atsushi Kanamori (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)

\* [Yongseop Kim (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com>)

\* [Eugene Rozenfeld (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com>)

\* [Felipe Fujiy Pessoto (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

\* [Ilya (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com>)

\* [Hugh Bellamy (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellars@gmail.com>)

\* [Evgeny Pavlov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com>)

\*

[Eric St. John (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com>)

\* [Omar Tawfik (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

\* [Julien Couvreur (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

\* [Austin Wise (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com>)

\* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net>)

\* [Sedar Gokbulut (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com>)

\* [Sean Gillespie (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com>)

\* [Sasha Semennikov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

\* [Santiago Fernandez Madero (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safern@microsoft.com>)

\*

[Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)

\* [Petr Onderka (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gsvick@gmail.com>)

\* [Peter Kukol (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

\* [John Bottenberg (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com>)

\* [Hanjoung Lee (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)

\* [Luis G (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lggomez@users.noreply.github.com>)

\* [Maoni0 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maonis@microsoft.com>)

\* [Michael Letterle (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

\* [Fei Peng (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com>)

\*

[Fadi Hanna (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fadim@microsoft.com>)

\* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=muks@microsoft.com>)

\* [Omair Majid (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com>)

\* [Paul Westcott (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=p.westcott@gmail.com>)

\* [Phil Christensen (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com>)

\* [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Drew%20Scoggins>)

\* [Dmitry-Me (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru>)

\* [Rama krishnan Raghupathy (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)

\* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)

\*

[Dmitry  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)  
 \* [varocarbas (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=contact@customsolvers.com>)  
 \* [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)  
 \* [Daniel Podder (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dpodder@gmail.com>)  
 \* [Smile Wei (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)  
 \* [Chris Rummel (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=crummel@microsoft.com>)  
 \* [Tanner Gooding (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@microsoft.com>)  
 \* [Tom Deseyn (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)  
 \* [Bruce Bowyer-Smyth  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)  
 \*  
 [WinCPP (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mandards@gmail.com>)  
 \* [Xiangyang (Mark) Guo  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)  
 \* [ahsonkhan  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)  
 \* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)  
 \* [Andrey Akinshin  
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)  
 \* [kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)  
 \* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)  
 \* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)  
 \* [Joseph Musser (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=me@jnm2.com>)  
 \* [Robert (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matekm@gmail.com>)  
 \*  
 [Robert Matuszewicz (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matekm@gmail.com>)  
 \* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)  
 \* [Matt Galbraith  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)  
 \* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)  
 \* [jorive (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)  
 \* [Russ Keldorph (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=diff.tool>)  
 \* [Russ Keldorph  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)  
 \* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)  
 \* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)  
 \*  
 [Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)  
 \* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)  
 \* [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)  
 \* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)  
 \* [Martijn Hoekstra  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)  
 \* [Marek Linka  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)  
 \* [Ionut Tamas (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash\\_ionut@hotmail.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com))  
 \* [Sebastian Lauber

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

\* [Maarten Mensink

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

\*

[Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)

\* [Alan Lawrence (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=allawr@microsoft.com>)

\* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

\* [Sivarv (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

\* [Jose Perez Rodriguez

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)

\* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

\* [DDCloud (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

\* [Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

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

\*

[Steve MacLean, Qualcomm Datacenter Technologies Inc

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

\* [Christoph Neumller

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

\* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

\* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

\* [Krzysztof Wicher

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)

\* [pius.lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com>)

\* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)

\*

[Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)

\* [Tarun Pothulapati

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

\* [Thiago Camargos Lopes

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)

\* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)

\* [Toni Solarin-Sodara

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)

\* [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)

\* [Karel Zikmund (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@microsoft.com>)

\* [Varun Venkatesan

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com>)

\* [Vijay Ramakrishnan

(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com>)

\*

[vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

\* [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)

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

\* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)

\* [Ben Monroe (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendono@users.noreply.github.com>)

\* [sergey ignatov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sergign60@mail.ru>)

\* [Xiang Fan (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangfan@microsoft.com>)

\* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)

\*

[Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)

\* [sjsujinkim (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

\* [Yuriy Solodkyy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)

\* [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)

\* [adiaaaida (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

\* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

\* [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

\* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)

\* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)

\*

[cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)

\* [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

\* [darxis (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com>)

\* [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)

\* [Morgan Brown (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

\* [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

\* [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)

\* [Nicol Carandini (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)

\* [Ofer Zelig (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)

\*

[Olof Olsson (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

\* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)

\* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)

\* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)

\* [OmariO (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omarior@users.noreply.github.com>)

\* [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)

\* [Mikhael Skvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

\* [Alexandre Mutel (1)]([https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com))

\* [Pedro Lamas (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pedrolamas@gmail.com>)

\*

[Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)

\* [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)

- \* [Matthew Parkinson  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)
- \* [Peter Smulovics  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)
- \* [Felipe Pessoto (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)
- \* [AlexGhiondea  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
- \* [gbalykov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=g.balykov@samsung.com>)
- \* [giuliohome (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)
- \* [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- \*
- [Matt Galbraith (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [ikopylov  
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)

## ## CoreFX

- \* [Stephen Toub (661)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- \* [Jon Hanna (361)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)
- \* [Eric St. John (315)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- \* [Eric Mellino (192)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)
- \* [Hugh Bellamy (166)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)
- \* [Wes Haggard  
(134)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
- \* [Jose Perez Rodriguez  
(123)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)
- \*
- [Ian Hays (114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)
- \* [Santiago Fernandez Madero  
(114)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safem@microsoft.com>)
- \* [Lakshmi Priya Sekar  
(109)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)
- \* [Bart De Smet (99)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com>)
- \* [Dan Moseley (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- \* [James Ko (95)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jamesqko@gmail.com>)
- \* [Jan Kotas (84)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)
- \* [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
- \* [Anthony Langsworth  
(78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)
- \* [Jeremy Barton  
(76)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)
- \* [Viktor Hofer (75)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- \* [Liudmila Molkova  
(71)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)
- \* [Krzysztof Wicher (70)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)
- \* [Alex Perovich (66)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
- \* [sepedehMS (64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
- \* [Jeremy Kuhne

(64)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

- \* [Tarek Mahmoud Sayed

(63)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

- \* [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)
- \* [danmosemsft (55)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- \*

[Justin Van Patten (54)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

- \* [Atsushi Kanamori

(53)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

- \* [Karel Zikmund

(52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

- \* [Stephen A. Imhoff (35)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)
- \* [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)
- \* [David Shulman

(34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)

- \* [Matt Galbraith (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)
- \* [Atsushi Kanamori

(31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

- \* [Matt Mitchell (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)
- \*

[Karthik Rajasekaran (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)

- \* [Davis Goodin (29)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)
- \* [Alex Ghiondea

(28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)

- \* [Cory Rivera (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)
- \* [Krzysztof Wicher

(26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

- \* [Bart J.F. De Smet

(26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)

- \* [Saurabh Singh

(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

- \* [Steve Harter

(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)

- \*

[Wes Haggard

(25)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

- \* [Gaurav Khanna (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)
- \* [Tijoy Tom Kalathiparambil

(23)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

- \* [Frederik Carlier

(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

- \* [Alexander Radchenko

(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

- \* [Santiago Fernandez (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safem@microsoft.com>)
- \* [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)
- \* [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
- \* [Huangli Wu (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

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 [FAREASTv-lijiay (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)  
 \* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)  
 \* [Koundinya Veluri (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)  
 \* [Ahson Ahmed Khan  
 (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)  
 \* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)  
 \* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)  
 \* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)  
 \* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)  
 \* [Will Dean (16)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=github\\_will@indcomp.co.uk](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk))  
 \*  
 [Hyeongseok Oh (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)  
 \* [qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)  
 \* [Karel Zikmund (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)  
 \* [Sepideh Khoshnood (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)  
 \* [Jiyoung Yun (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)  
 \* [Rama Krishnan Raghupathy  
 (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com>)  
 \* [Jiayi Li (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)  
 \* [Dennis "D.C." Dietrich  
 (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)  
 \* [Matt Ellis (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)  
 \*  
 [Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)  
 \* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)  
 \* [Matt Galbraith  
 (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)  
 \* [Caesar Chen (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)  
 \* [Cristian Pop (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)  
 \* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)  
 \* [Hyung-Kyu Choi  
 (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)  
 \* [Eric StJohn (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)  
 \* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)  
 \* [Tom Matouek  
 (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)  
 \*  
 [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)  
 \* [Vance Morrison  
 (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)  
 \* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)  
 \* [Mandar Sahasrabudde  
 (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)  
 \* [Tarekm Mahmoud Sayed  
 (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)  
 \* [Morgan Brown  
 (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)



\* [Alex Ghiondea  
(9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

\* [vsadov (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)

\* [Pavel  
Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)

\* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

\* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)

\* [Jan Vorlicek (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com>)

\* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)

\* [chunseoklee (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Gene Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)

\* [Vance Morrison (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com>)

\* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com>)

\* [Rion Williams (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rionmonster@gmail.com>)

\*

[Hanjoung Lee (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com>)

\* [nietras (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com>)

\* [Brahmnes Fung (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com>)

\* [Carol Wang (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)

\* [Ben Adams (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

\* [wtgodbe (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com>)

\* [Darren Hoehna (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)

\* [Davis Goodin  
(6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

\* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)

\*

[Marek Linka (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com>)

\* [MichaelSimons (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com>)

\* [stone-li (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)

\* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

\* [Jonghyun Park (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com>)

\* [Cristian Pop  
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

\* [Lakshmi Priya Sekar  
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

\* [Robert Anderson  
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

\* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)

\*

[Anton Lapounov  
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)

\* [Eric Erhardt (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

\* [Peter Marcu (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

\* [Egor Bogatov (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

\* [alperovi (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)

\* [Adam Friedman  
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)

\* [Hyeongseok Oh

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

- \* [loulouqun (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=loulouqun@hotmail.com>)
- \* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)
- \* [Nick Guerrero (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)
- \* [Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)
- \* [Julien Couvreur (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)
- \* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)
- \* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)
- \* [the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)
- \* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)
- \* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)
- \* [Stanislav Ushakov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)
- \* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)
- \*
- [stephenmichaelf (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)
- \* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)
- \* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
- \* [huanwu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)
- \* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)
- \* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)
- \* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)
- \* [JimboWei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-wjiang@microsoft.com>)
- \* [JayG (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jguady@users.noreply.github.com>)
- \* [Jonathan Mezach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonathanmezach@gmail.com>)
- \* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)
- \* [Joseph Musser (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com>)
- \* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)
- \* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferr@SAFERNMAIN>)
- \* [AlexGhiondea (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
- \* [Yanbo Gu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)
- \* [Frdric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)
- \* [Youp Hulsebos (3)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp\\_hulsebos\\_@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=youp_hulsebos_@hotmail.com))
- \* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)
- \*
- [Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)
- \* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)
- \* [Austin Wise (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)
- \* [Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)
- \* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)
- \* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)
- \* [v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)

\* [Stephen Cleary  
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

\* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)

\*

[geoffkizer (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

\* [Bruce Bowyer-Smyth  
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

\* [yaelkeemink (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaelkeemink@gmail.com>)

\* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

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

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

\* [Brian Robbins (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com>)

\* [Caesar Chen  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)

\* [Felipe Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

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

\*

[Hyung-Kyu Choi  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

\* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)

\* [Koundinya Veluri  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

\* [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com>)

\* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)

\* [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com>)

\* [Michal Strehovsk  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

\* [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mikem@microsoft.com>)

\* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)

\*

[Peter Toonen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter@toonen.io>)

\* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)

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

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

\* [Tarun Pothulapati  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com>)

\* [Viacheslav Ivanov  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

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

\* [ahsonkhan (2)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com))

\* [ahsonkhan  
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

\*

[cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)

\* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)

\* [smile21prc (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

\* [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)  
 \* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omair.majid@gmail.com>)  
 \* [Olaf Keijsers (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=olaf@keijsers.org>)  
 \* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)  
 \* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)  
 \* [Odyth (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jstofle@gmail.com>)  
 \*  
 [Nate Barbettini (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nathanaelb@gmail.com>)  
 \* [Morgan Brown (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganb@microsoft.com>)  
 \* [Sergio Parra Guerra  
 (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio\\_parra\\_guerra@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com))  
 \* [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=michael@senexx.com>)  
 \* [Shimmy  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com>)  
 \* [Mike van Dongen  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github@mikevandongen.nl>)  
 \* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=michals@microsoft.com>)  
 \* [Matthew Parkinson  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)  
 \* [Martin Woodward  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin@dotnetfoundation.org>)  
 \*  
 [Stefan Nikolei (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu>)  
 \* [Martin Scholz  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)  
 \* [Martin Lapierre  
 (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin\\_lapierre@devinstinct.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapierre@devinstinct.com))  
 \* [MarkusSintonen  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=markus.sintonen@gmail.com>)  
 \* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca>)  
 \* [Steve Desmond (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)  
 \* [Steve Franceschelli  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichaelf@gmail.com>)  
 \* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)  
 \* [Mariana Rios Flores  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mariari@microsoft.com>)  
 \*  
 [Sung-Jae Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sjlee@mail.com>)  
 \* [SunnyWar (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com>)  
 \* [Sven Boemer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sbomer@gmail.com>)  
 \* [TEPW (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B>)  
 \* [tdupont750 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com>)  
 \* [Llewellyn Pritchard (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xacc.ide@gmail.com>)  
 \* [Tanner Gooding  
 (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)  
 \* [Liangyaozhi (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter\\_liang@outlook.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter_liang@outlook.com))  
 \* [Kirill Osenkov

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

- \* [Alexis Nowikowski
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com>)
- \* [TautvydasZilys (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.com>)
- \* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)
- \* [Julien Couvreur (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com>)
- \* [Tomas Matousek
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas.matousek@microsoft.com>)
- \* [Josh Free
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com>)
- \* [Travis Querec (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@gmail.com>)
- \* [Travis Querec (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@microsoft.com>)
- \* [Tyler Brinkley
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com>)
- \* [Jorge J. de la Fuente (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)
- \* [John Chen (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)
- \* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)
- \* [Jiang Zeng (Pactera Technologies Inc (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)
- \* [Jay Simmons (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jsimmons@microsoft.com>)
- \* [Vladimir Sadov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com>)
- \* [Vladyslav (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com>)
- \* [Jason Lin (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com>)
- \* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)
- \* [Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)
- \*
- [Will Dean (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk>)
- \* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)
- \* [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>)
- \* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)
- \* [Yi Zhang (CLR)
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)
- \* [Alexandre Mutel
- (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com))
- \* [Fredrik Histher Rasch
- (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)
- \* [v-yanbgu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com>)
- \*
- [varocarbas (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com>)
- \* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)
- \* [andrewlock (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net>)
- \* [Eugene Rozenfeld (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erozen@microsoft.com>)
- \* [Dongbo Wang (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dongbow@microsoft.com>)
- \* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

\* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

\* [costahome (1)]([https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa\\_christopher@hotmail.com](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com))

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

\*

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

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

\* [dnickless (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net>)

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

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

\* [Cesar Blum Silveira (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cesarbs@gmail.com>)

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

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

\* [Caio Cesar Saldanha Maia Orejuela Kinski(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)

\*

[Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)

\* [jlanng (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=james@jlrc.co.uk>)

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

\* [Alexander Kplinger (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

\* [Bill Wert (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=billwert@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>)

\* [Benjamin Bartels (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)

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

\*

[Andrey Kurdyumov (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)

\* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)

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

\* [Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

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

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

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

\* [Peter Kukol (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

\* [Paul Westcott (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com>)

\*

[Paul Harrington (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com>)

\* [Omar Tawfik (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

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

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

\* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saehe.park@samsung.com>)

\* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)

\* [Olof Olsson  
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

## ## WCF

\* [Stephen Bonikowsky (82)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com>)  
\* [Ron Cain (18)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com>)  
\*  
[Matt Galbraith (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com>)  
\* [Eric St. John (9)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com>)  
\* [KKhurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)  
\* [hongdai (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com>)  
\* [Konst Khurin (8)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com>)  
\* [Zhenlan Wang (7)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com>)  
\* [huanwu (6)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com>)  
\* [Shin Mao (5)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com>)  
\* [Matt Connew (3)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com>)  
\* [Matt Mitchell (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com>)  
\*  
[Tarek Mahmoud Sayed (2)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com>)  
\* [Olof Olsson (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.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>)  
\* [Morgan Brown (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com>)  
\* [Carol Wang (Inspur Worldwide Services Ltd)  
(1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com>)  
\* [Rich Lander (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com>)  
\* [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)  
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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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 </br>  
 ## aspnetcore  
 </br>

[johluo@microsoft.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)  
 </br>[Adam Sitnik (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adam.sitnik@gmail.com>)  
 </br>[Adrian Wright  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=adrian@compiledcoding.co.uk>)  
 </br>[Adrian Wright  
 (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47532258+adrianwright109@users.noreply.github.com>)  
 </br>[Ajay Bhargav  
 (16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)  
 </br>[Ajay Bhargav  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajbaaska@microsoft.com>)  
 </br>[Ajay Bhargav  
 (4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ajaybhargavb@gmail.com>)  
 </br>[Alessio Franceschelli  
 (7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=alessio@franceschelli.me>)  
 </br>[Alexey Ananyev  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hypercodeplace@users.noreply.github.com>)  
 </br>[Andrew J (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrewjsaid@gmail.com>)  
 </br>[Andrew Stanton-Nurse  
 (29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andrew@stanton-nurse.com>)  
 </br>[Andrii Kurdiumov  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kant2002@gmail.com>)  
 </br>[AndriySvyryd  
 Andriy.Svyryd@microsoft.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Andriy.Svyryd@microsoft.com>)  
 </br>[Andr Silva (1)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre\\_ss6@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=andre_ss6@hotmail.com))  
 </br>[Anirudh Agnihotry  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)  
 </br>[ar0311 arogers0311@gmail.com  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=arogers0311@gmail.com>)  
 </br>[Artak 34246760+mkArtakMSFT@users.noreply.github.com  
 (40)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34246760+mkArtakMSFT@users.noreply.github.com>)  
 </br>[Artak Mkrtchyan  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artakm@corp.microsoft.com>)

</br>[Artyom Tarasov  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=artar94@users.noreply.github.com>)  
 </br>[Barry Dorrans  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=github.com@idunno.org>)  
 </br>[Ben Adams  
 (15)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thundercat@illyriad.co.uk>)  
 </br>[Bharat Kumar  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pavinan@users.noreply.github.com>)  
 </br>[Brady Gaster  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41929050+bradygaster@users.noreply.github.com>)  
 </br>[Brennan brecon@microsoft.com  
 (154)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
 </br>[Brennan Conroy  
 (12)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
 </br>[BrennanConroy brecon@microsoft.com  
 (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brecon@microsoft.com>)  
 </br>[Brian Surowiec (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brian@13degrees.com>)  
 </br>[brianchance bchance@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=bchance@gmail.com>)  
 </br>[Brice  
 Lambson (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=brice@bricelam.net>)  
 </br>[Bruce Adams  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=5435504+badamsdev@users.noreply.github.com>)  
 </br>[ccvca ccvca@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ccvca@users.noreply.github.com>)  
 </br>[Chris Oliver (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cado82@gmail.com>)  
 </br>[Chris Pickford  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chris@luminousuk.com>)  
 </br>[Chris R (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@outlook.com>)  
 </br>[Chris Ross (4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrross@microsoft.com>)  
 </br>[Chris Ross (69)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Tratcher@Outlook.com>)  
 </br>[Chris  
 Sainty  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chrissainty@users.noreply.github.com>)  
 </br>[Chris Sienkiewicz  
 (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=chsienki@microsoft.com>)  
 </br>[Christian Kadluba  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10721825+ckadluba@users.noreply.github.com>)  
 </br>[Christian Wenz (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=christian@wenz.org>)  
 </br>[Christian Wenz  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=info@christianwenz.de>)  
 </br>[Christopher Haws (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cribs2@gmail.com>)  
 </br>[Cdric Luthi (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=cedric.luthi@gmail.com>)  
 </br>[Dairai Nyabando  
 (9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dnyabando@g.harvard.edu>)

</br>[Dan Friedman  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dan@fantasticfriedmans.com>)  
</br>[Dan  
Moseley (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=danmose@microsoft.com>)  
</br>[Daniel Abbatt  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daniel.abbatt@mail.com>)  
</br>[Daniel Eisterhold  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=deisterhold@users.noreply.github.com>)  
</br>[Daniel Roth (6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=daroth@microsoft.com>)  
</br>[David Fowler (29)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=davidfowl@gmail.com>)  
</br>[David Melendez  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dlmelendez@users.noreply.github.com>)  
</br>[davidnx 44079650+davidnx@users.noreply.github.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=44079650+davidnx@users.noreply.github.com>)  
</br>[Dawid Szmidka  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dawid.szmidka@gmail.com>)  
</br>[Dennis  
Daume (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=dennis@getmimo.com>)  
</br>[Doug Bunting  
(142)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6431421+doughu@users.noreply.github.com>)  
</br>[Eddy Nakamura  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ednakamu@microsoft.com>)  
</br>[Eddy Nakamura  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eddynaka@gmail.com>)  
</br>[Edward Neal  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=55035479+edwardneal@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Erhan Atesoglu  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)  
</br>[Eric Erhardt  
(7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
</br>[Filip  
Staffa (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=filip.staffa@gmail.com>)  
</br>[Franklin Tse  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=FranklinWhale@users.noreply.github.com>)  
</br>[George 1641829+finsharp@users.noreply.github.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1641829+finsharp@users.noreply.github.com>)  
</br>[Giuseppe Campanelli  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=suprememilanfan@gmail.com>)  
</br>[Grahame Horner  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=grahamehorner@users.noreply.github.com>)

</br>[Greg Ingram (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shaggygi97@gmail.com>)

</br>[Guillaume Nury  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GuillaumeNury@users.noreply.github.com>)

</br>[Gnther Foidl (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=gue@korporal.at>)

</br>[Hans  
Bakker (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hansmbakker+github@gmail.com>)

</br>[Hao Kung  
(75)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=HaoK@users.noreply.github.com>)

</br>[Haytam Zanid  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34218324+zHaytam@users.noreply.github.com>)

</br>[Helgevold Consulting,  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=torgeirh@hotmail.com>)

</br>[Huei Feng (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=695979933@qq.com>)

</br>[Huei Feng  
(6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=34702552+hueifeng@users.noreply.github.com>)

</br>[huysentruitw wouter\_huysentruit@hotmail.com  
(2)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter\\_huysentruit@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wouter_huysentruit@hotmail.com))

</br>[Immo Landwerth  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=immol@microsoft.com>)

</br>[itminus  
webbot@sina.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=webbot@sina.com>)

</br>[Ivan Maximov (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sungam3r@yandex.ru>)

</br>[Ivan Zub (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zub.ivan@gmail.com>)

</br>[Jacques Eloff  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=joeloff@users.noreply.github.com>)

</br>[James Newton-King  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=James.NewtonKing@microsoft.com>)

</br>[James Newton-King  
(74)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=james@newtonking.com>)

</br>[Jan Jone (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jjones@outlook.cz>)

</br>[Jan-Willem Spuij  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jws@birdseyeview.nl>)

</br>[Jason Bailey  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=accounts@sidewaysgravity.com>)

</br>[Javier  
Calvarro (79)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jacalvar@microsoft.com>)

</br>[JC Aguilera (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juanam@microsoft.com>)

</br>[Jean-Marc Prieur  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jmprieur@microsoft.com>)

</br>[JLeczycki jalec18@wp.pl  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jalec18@wp.pl>)

</br>[John Luo (127)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=johluo@microsoft.com>)

</br>[Jonathan vanillajonathan@users.noreply.github.com  
(9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com>)

</br>[Joni jonijpn@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jonijpn@gmail.com>)

</br>[Josh Dadak  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Bigtalljosh@users.noreply.github.com>)  
 </br>[Juan Barahona  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=barahonajm@outlook.com>)  
 </br>[Juan Hoyos  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=juan.hoyos@microsoft.com>)  
 </br>[juanam jcagme@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jcagme@gmail.com>)  
 </br>[Julio Avellaneda  
 (1)]([https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito\\_gtu@hotmail.com](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=julito_gtu@hotmail.com))  
 </br>[Julius jfheins@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jfheins@users.noreply.github.com>)  
 </br>[Justin Kotalik  
 (37)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jkotalik12@gmail.com>)  
 </br>[Justin Kotalik  
 (43)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=jukotali@microsoft.com>)  
 </br>[Kahbazi a.kahbazi@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=a.kahbazi@gmail.com>)  
 </br>[Kahbazi A.Kahbazi@gmail.com  
 (47)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=A.Kahbazi@gmail.com>)  
 </br>[Kamron  
 Batman  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3953314+kamronbatman@users.noreply.github.com>)  
 </br>[kapsiR kapsiR@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kapsiR@users.noreply.github.com>)  
 </br>[Keiichi IGUCHI (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=keiichi@kei-1.jp>)  
 </br>[Ken Dale (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ken@kendaleiv.com>)  
 </br>[Ken Egozi (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mail@kenegozi.com>)  
 </br>[Kevin Pilch (20)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinpi@microsoft.com>)  
 </br>[Kevin Pilch (8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=me@pilchie.com>)  
 </br>[Kirill Osenkov  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=KirillOsenkov@users.noreply.github.com>)  
 </br>[Kirk  
 Larkin  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=6025110+serpent5@users.noreply.github.com>)  
 </br>[kunal mehta (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehta.kuns@gmail.com>)  
 </br>[Kvin Chalet (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=kevinchalet@gmail.com>)  
 </br>[lancehilliard lance@digitalcreations.cc  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lance@digitalcreations.cc>)  
 </br>[lark lilinghui@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lilinghui@gmail.com>)  
 </br>[Larry Ewing (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lewing@microsoft.com>)  
 </br>[Lars Hanisch  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=flensrocker@users.noreply.github.com>)  
 </br>[Levi Broderick  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com>)

m)

</br>[Luke Pfeiffer (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=lpfeiff10@gmail.com>)

</br>[Mackinnon Buck (19)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mackinnon.buck@gmail.com>)

</br>[Maher Jendoubi (4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=maher.jendoubi@gmail.com>)

</br>[Mark Seemann (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mark@ploeh.dk>)

</br>[Markus Rodler (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Markus.Rodler@live.de>)

</br>[Marlon Regenhart (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=marlon.r@hotmail.de>)

</br>[marlongerson 48413285+marlongerson@users.noreply.github.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=48413285+marlongerson@users.noreply.github.com>)

</br>[Martin Costello (20)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=martin@martincostello.com>)

</br>[Matt Mitchell (24)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Matyas Richter (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=matyas.richter@gmail.com>)

</br>[Max Horstmann (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=max.horstmann@gmail.com>)

</br>[Mehmet Can (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mehmetcankamar@gmail.com>)

</br>[Michael Randers-Pehrson (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.rp@gmail.com>)

</br>[Michael Stuckey (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michael.stuckey@gmail.com>)

</br>[Michelle Tan (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=41475767+MichelleTanPY@users.noreply.github.com>)

</br>[Michiel van (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=windsunrain@gmail.com>)

</br>[Miha Zupan (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)

</br>[Mike Lloyd (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike@reboot3times.org>)

</br>[mikeo52 mike.oliver.jobs@gmail.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mike.oliver.jobs@gmail.com>)

</br>[Miroslav Jezik (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=miroslav.jezik@medtronic.com>)

</br>[Miroslav Kova (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=18582187+MiroKov@users.noreply.github.com>)

</br>[Mladen Macanovi (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mladen.macanovic@gmail.com>)

</br>[N. Taylor (16)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nimullen@microsoft.com>)

</br>[Nicholas P (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nnelson1@insight.rr.com>)

</br>[Nick Kirby (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nrkirb@gmail.com>)

</br>[nickraphael nick.raaphael@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nick.raaphael@gmail.com>)

</br>[Ninds narinder.claire@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=narinder.claire@gmail.com>)

</br>[Noah Falk  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=noahfalk@users.noreply.github.com>)

</br>[nufiko michal.ufnal+git@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=michal.ufnal+git@gmail.com>)

</br>[nymitr nymitr@gmail.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nymitr@gmail.com>)

</br>[Omair Majid (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=omajid@redhat.com>)

</br>[Odej torc (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=storc.1998@gmail.com>)

</br>[pagan-gerbil pete@pagan-gerbil.net  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pete@pagan-gerbil.net>)

</br>[Patrick Goode  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pgoode75@sbcglobal.net>)

</br>[Pavel  
Voronin (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=voroninp@gmail.com>)

</br>[Phil Henning  
(2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=phenning@microsoft.com>)

</br>[Phillip Carter (3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pcarter@fastmail.com>)

</br>[Piotr Baejewicz  
(3)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=peterblazewicz@users.noreply.github.com>)

</br>[PJ Evans (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=pj.evans@hcmint.com>)

</br>[Pranav K (344)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@hotmail.com>)

</br>[Pranav Krishnamoorthy  
(4)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=prkrishn@microsoft.com>)

</br>[Rachel Shaffer (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rashaf@microsoft.com>)

</br>[Radek Falhar  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Euphoric@users.noreply.github.com>)

</br>[Rick Anderson (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=3605364+Rick-Anderson@users.noreply.github.com>)

</br>[Roman Marusyk  
(6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Marusyk@users.noreply.github.com>)

</br>[Ryan Brandenburg  
(30)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=rybrande@microsoft.com>)

</br>[Ryan Nowak (18)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=nowakra@gmail.com>)

</br>[Ryan Rowse (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ryan.rowse@gmail.com>)

</br>[Safia Abdalla (69)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@microsoft.com>)

</br>[Safia Abdalla (7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=safia@safia.rocks>)

</br>[Sam Harwell  
(6)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Sam.Harwell@microsoft.com>)

</br>[samsosa  
32570890+samsosa@users.noreply.github.com  
(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=32570890+samsosa@users.noreply.github.com>)

</br>[sanyam142mittal sanyam142mittal@gmail.com

(1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sanyam142mittal@gmail.com>)  
 </br>[Sayed Ibrahim  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sayed.hashimi@gmail.com>)  
 </br>[Scott Addie  
 (9)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=10702007+scottaddie@users.noreply.github.com>)  
 </br>[Sean G. (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sean@seangwright.me>)  
 </br>[Sean Killeen (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SeanKilleen@gmail.com>)  
 </br>[Sedat Kapanoglu  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ssg@users.noreply.github.com>)  
 </br>[Sergey Bakulin  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sergey.bakulin.github@gmail.com>)  
 </br>[SIkebe  
 SIkebe@users.noreply.github.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SIkebe@users.noreply.github.com>)  
 </br>[Smit Patel  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smitpatel@users.noreply.github.com>)  
 </br>[softworkz softworkz@hotmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=softworkz@hotmail.com>)  
 </br>[Sourabh Shirhatti  
 (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=shirhatti@outlook.com>)  
 </br>[SQL-MisterMagoo mister.magoo+githubsql@gmail.com  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=mister.magoo+githubsql@gmail.com>)  
 </br>[Stafford Williams  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=staff0rd@users.noreply.github.com>)  
 </br>[Stefan Rajkovic  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stefan@stefanrajkovic.com>)  
 </br>[Stephan Troyer (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=stephantroyer@live.at>)  
 </br>[Stephen  
 Halter (43)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=halter73@gmail.com>)  
 </br>[Stephen Lorello  
 (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=42971704+slorello89@users.noreply.github.com>)  
 </br>[Steve hez2010@outlook.com  
 (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hez2010@outlook.com>)  
 </br>[Steve Gordon (2)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sgordon@hotmail.co.uk>)  
 </br>[Steve Sanderson  
 (89)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com>)  
 </br>[Steven Maglio (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=smaglio81@gmail.com>)  
 </br>[Sbastien Ros (8)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=sebastienros@gmail.com>)  
 </br>[Tanay Parikh  
 (7)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=TanayParikh@users.noreply.github.com>)  
 </br>[Tanya  
 hey@tanyado.com (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=hey@tanyado.com>)  
 </br>[TeBeCo tebeco@gmail.com  
 (5)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tebeco@gmail.com>)  
 </br>[Thays Grazia (1)](<https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thaystg@gmail.com>)



</br>[thetownfool thetownfool@gmail.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=thetownfool@gmail.com)  
 </br>[Thomas Levesque  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com)  
 </br>[Tibor Tth (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=totht91@gmail.com)  
 </br>[Todd Grunke  
 (18)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=toddgrun@microsoft.com)  
 </br>[Tom Deseyn (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=tom.deseyn@gmail.com)  
 </br>[Vasilev Pyotr (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vahpetr@gmail.com)  
 </br>[Vaughan  
 Reid (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=vaughanreid@gmail.com)  
 </br>[Victor Lindespang  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=36196344+lindespang@users.noreply.github.com)  
 </br>[Vladimir Samoilenko  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wsamprof@gmail.com)  
 </br>[Vyacheslav Napadovsky  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=napadovskiy@gmail.com)  
 </br>[Wayne Adams  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=Valks@users.noreply.github.com)  
 </br>[Will Godbe  
 (27)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
 </br>[Will (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=doggy.huang@gmail.com)  
 </br>[William Godbe  
 (99)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
 </br>[witskeeper  
 witskeeper@gmail.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=witskeeper@gmail.com)  
 </br>[wtgodbe wigodbe@microsoft.com  
 (8)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=wigodbe@microsoft.com)  
 </br>[WuYafeng yafeng.wu@outlook.com  
 (2)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=yafeng.wu@outlook.com)  
 </br>[Youssef Victor  
 (5)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com)  
 </br>[Zachary Becknell  
 (4)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=zbecknell@users.noreply.github.com)  
 </br>[ZeBobo5 ZeBobo5@users.noreply.github.com  
 (1)](https://github.com/dotnet/aspnetcore/commits/release/5.0?author=ZeBobo5@users.noreply.github.com)  
 </br>  
 ## efcore  
  
 </br>[liveowl liveowl@outlook.com  
 (2)](https://github.com/dotnet/efcore/commits/release/5.0?author=liveowl@outlook.com)  
 </br>[ajcvickers ajcvickers@hotmail.com  
 (1)](https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com)

</br>[Alaa  
 Masoud (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=alaa.masoud@live.com>)  
 </br>[Aleksandar Manukov  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=34056917+aleksandar-manukov@users.noreply.github.com>)  
 </br>[Aleksei pankraty@gmail.com  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=pankraty@gmail.com>)  
 </br>[Alex Fanat (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=alex.fanat@smus.ca>)  
 </br>[Alexander Tschner  
 (2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=AlexanderTaeschner@users.noreply.github.com>)  
 </br>[Alexey Dvoretzkiy (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=dvoreckyya@mail.ru>)  
 </br>[Andriy Svryyd  
 (100)](<https://github.com/dotnet/efcore/commits/release/5.0?author=AndriySvryyd@users.noreply.github.com>)  
 </br>[AndriySvryyd Andriy.Svryyd@microsoft.com  
 (46)](<https://github.com/dotnet/efcore/commits/release/5.0?author=Andriy.Svryyd@microsoft.com>)  
 </br>[Arthur  
 Vickers (164)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ajcvickers@hotmail.com>)  
 </br>[bdebaere brechtdebaere@yahoo.com  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=brechtdebaere@yahoo.com>)  
 </br>[Ben McCallum  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ben.mccallum@live.com.au>)  
 </br>[Brice Lambson (89)](<https://github.com/dotnet/efcore/commits/release/5.0?author=brice@bricelam.net>)  
 </br>[Christopher Costa (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=chcosta@microsoft.com>)  
 </br>[Christopher Haws (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=cribs2@gmail.com>)  
 </br>[Cdric Luthi (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=cedric.luthi@gmail.com>)  
 </br>[Dan Moseley (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[Doug Bunting  
 (22)](<https://github.com/dotnet/efcore/commits/release/5.0?author=6431421+doughbu@users.noreply.github.com>)  
 </br>[Epsitha  
 Ananth  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
 </br>[Eric St-Georges  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=EricStG@users.noreply.github.com>)  
 </br>[Erik Ejlskov  
 (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ErikEJ@users.noreply.github.com>)  
 </br>[ErikEJ ejlskov@hotmail.com  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ejlskov@hotmail.com>)  
 </br>[Ivan Maximov (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=sungam3r@yandex.ru>)  
 </br>[Ivaylo Kenov (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ivaylo.kenov@gmail.com>)  
 </br>[Jacob Viau (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=javia@microsoft.com>)  
 </br>[Jacob Viau (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jviau@ualberta.ca>)  
 </br>[Jasper Hedegaard  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jasperhb@outlook.com>)  
 </br>[Jeffrey Svajlenko  
 (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jeff.svajlenko@gmail.com>)  
 </br>[Jeremy Zagorski (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jmzagorski@gmail.com>)  
 </br>[Jiri Cincura (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net>)  
 </br>[Jiri Cincura (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jiri@cincura.net>)

</br>[John Luo (5)](<https://github.com/dotnet/efcore/commits/release/5.0?author=johluo@microsoft.com>)

</br>[Jon Louie (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jlouie3@gmail.com>)

</br>[Jonathan vanillajonathan@users.noreply.github.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=vanillajonathan@users.noreply.github.com>)

</br>[Josh Studt  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=32800478+orionstudt@users.noreply.github.com>)

</br>[Justin  
Kotalik (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=jkotalik12@gmail.com>)

</br>[Kaloyan Kostov  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=kaloyan.kostov@yahoo.com>)

</br>[Kaloyan Kostov  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=kkostov.kaloyan@gmail.com>)

</br>[Kevin Pilch (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=me@pilchie.com>)

</br>[Lajones lajones@users.noreply.github.com  
(50)](<https://github.com/dotnet/efcore/commits/release/5.0?author=lajones@users.noreply.github.com>)

</br>[Laurence King  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=53393540+LaurenceJKing@users.noreply.github.com>)

</br>[liweihan weihanli@outlook.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=weihanli@outlook.com>)

</br>[lokalmatador 12415790+lokalmatador@users.noreply.github.com  
(2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=12415790+lokalmatador@users.noreply.github.com>)

</br>[manvydasu  
31101065+manvydasu@users.noreply.github.com  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=31101065+manvydasu@users.noreply.github.com>)

</br>[Martin Boye  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=martinboyepetersen@hotmail.com>)

</br>[Massimo Giambona  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=m4ss1m0g@users.noreply.github.com>)

</br>[Matt Mitchell (11)](<https://github.com/dotnet/efcore/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Matthew Lieder  
(1)]([https://github.com/dotnet/efcore/commits/release/5.0?author=lieder\\_matthew@hotmail.com](https://github.com/dotnet/efcore/commits/release/5.0?author=lieder_matthew@hotmail.com))

</br>[Matthias Lischka  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=matthiaslischka@users.noreply.github.com>)

</br>[maumar maumar@microsoft.com  
(34)](<https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com>)

</br>[Maurycy Markowski  
(41)](<https://github.com/dotnet/efcore/commits/release/5.0?author=maumar@microsoft.com>)

</br>[Max  
K (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=knom@users.noreply.github.com>)

</br>[Michael Stuckey  
(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=michael.stuckey@gmail.com>)

</br>[Mike Surcouf (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=mike@surcouf.co.uk>)

</br>[Mike Wodarczyk (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=mikew@drbronner.com>)

</br>[mmitche mmitche@microsoft.com  
(2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Neil Bostrom (3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=github@silvergames.net>)

</br>[Nicolas Michels

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com>)

</br>[Ncolas Michels

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=michels.nicolas@gmail.com>)

</br>[Paul Middleton

(2)](<https://github.com/dotnet/efcore/commits/release/5.0?author=paul.w.middleton@gmail.com>)

</br>[Paulo

Morgado

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com>)

</br>[Peter Huang (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ptjhuang@gmail.com>)

</br>[Philipp Zech (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=zech.ph@gmail.com>)

</br>[Rafael Almeida (4)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net>)

</br>[Rafael Almeida (5)](<https://github.com/dotnet/efcore/commits/release/5.0?author=ralms@ralms.net>)

</br>[Roma Marusyk

(11)](<https://github.com/dotnet/efcore/commits/release/5.0?author=romamarusyk@gmail.com>)

</br>[Roman Marusyk

(3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=Marusyk@users.noreply.github.com>)

</br>[Sergei Khlebnikov

(3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=SergerGood@users.noreply.github.com>)

</br>[Shay Rojansky (120)](<https://github.com/dotnet/efcore/commits/release/5.0?author=roji@roji.org>)

</br>[Smit

Patel (318)](<https://github.com/dotnet/efcore/commits/release/5.0?author=smitpatel@users.noreply.github.com>)

</br>[Stephen Vernyi (14)](<https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com>)

</br>[Steve [steve.vernyi@gmail.com](mailto:steve.vernyi@gmail.com)

(12)](<https://github.com/dotnet/efcore/commits/release/5.0?author=steve.vernyi@gmail.com>)

</br>[Sven 6847381+svengeance@users.noreply.github.com

(3)](<https://github.com/dotnet/efcore/commits/release/5.0?author=6847381+svengeance@users.noreply.github.com>)

</br>[Sbastien Ros (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=sebastienros@gmail.com>)

</br>[Thomas Levesque

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=thomaslevesque@users.noreply.github.com>)

</br>[Toni Wenzel

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=toni.wenzel@gmail.com>)

</br>[Turner Bass (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=turner@psypher9.com>)

</br>[Vlad

Dragnea (1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=vlad.dragnea@gmail.com>)

</br>[Will Godbe (7)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>[William Godbe (24)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>[wtgodbe [wigodbe@microsoft.com](mailto:wigodbe@microsoft.com)

(1)](<https://github.com/dotnet/efcore/commits/release/5.0?author=wigodbe@microsoft.com>)

</br>

## installer

</br>[akharlov harl\_aa@skbkontur.ru

(3)]([https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl\\_aa@skbkontur.ru](https://github.com/dotnet/installer/commits/release/5.0.1xx?author=harl_aa@skbkontur.ru))

</br>[Alexander Kplinger  
 (5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com>)  
 </br>[Anirudh Agnihotry  
 (3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com>)  
 </br>[Bekir Ozturk  
 (14)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bozturk@microsoft.com>)  
 </br>[Brian Robbins  
 (5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=brianrob@microsoft.com>)  
 </br>[Bruno  
 Logerfo (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=bclogerfo@hotmail.com>)  
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 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=chcosta@microsoft.com>)  
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 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=danmose@microsoft.com>)  
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 (12)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=daplaist@microsoft.com>)  
 </br>[Daniel Plaisted  
 (2)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=dsplaisted@gmail.com>)  
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 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)  
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 Erhardt (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)  
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 </br>[Immo Landwerth  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=immol@microsoft.com>)  
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 (5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com>)  
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 (5)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=juhoyosa@microsoft.com>)  
 </br>[juanam jcagme@gmail.com  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=jcagme@gmail.com>)  
 </br>[Livar Cunha  
 (3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=licavalc@microsoft.com>)  
 </br>[Livar Cunha (6)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=livar@live.com>)

</br>[Lukas Lansky  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=lulansky@microsoft.com>)  
 </br>[Manodasan Wignarajah  
 (4)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mawign@microsoft.com>)  
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 Mitchell (83)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com>)  
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 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=msimons@microsoft.com>)  
 </br>[mmitche mmitche@microsoft.com  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=mmitche@microsoft.com>)  
 </br>[Nick Guerrero  
 (19)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nicholg@microsoft.com>)  
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 (3)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=nikolam@microsoft.com>)  
 </br>[nohwnd me@jakubjares.com  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=me@jakubjares.com>)  
 </br>[Omair Majid (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=omajid@redhat.com>)  
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 </br>[Pranav K (6)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=prkrishn@hotmail.com>)  
 </br>[Sarabjot  
 Singh (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sasin@microsoft.com>)  
 </br>[Sarah Oslund  
 (13)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)  
 </br>[sfoslund sfoslund@microsoft.com  
 (14)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)  
 </br>[Symbai symbai@byom.de  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=symbai@byom.de>)  
 </br>[Viktor Hofer  
 (7)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com>)  
 </br>[vsadov vsadov@microsoft.com  
 (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=vsadov@microsoft.com>)  
 </br>[William Godbe  
 (7)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wigodbe@microsoft.com>)  
 </br>[William Li (65)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=wul@microsoft.com>)  
 </br>[Zbynk  
 Sailer (1)](<https://github.com/dotnet/installer/commits/release/5.0.1xx?author=v-zbsail@microsoft.com>)  
 </br>  
 ## runtime  
  
 </br>[303248153 303248153@qq.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=303248153@qq.com>)  
 </br>[@ sunth0101@126.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sunth0101@126.com>)  
 </br>[a-zh 39411904+a-zh@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=39411904+a-zh@users.noreply.github.com>)

</br>[Aaron Hudon (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=aaron.hudon@gmail.com>)

</br>[Aaron Kunz (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@daxaholic.com>)

</br>[Aaron R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=aarobins@microsoft.com>)

</br>[Aaron Robinson  
(59)](<https://github.com/dotnet/runtime/commits/release/5.0?author=aarobins@microsoft.com>)

</br>[Abel Braaksma (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=abel.online@xs4all.nl>)

</br>[Adam  
Sitnik (27)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adam.sitnik@gmail.com>)

</br>[Adeel adeelbm@outlook.com  
(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com>)

</br>[Adeel Mujahid (63)](<https://github.com/dotnet/runtime/commits/release/5.0?author=adeelbm@outlook.com>)

</br>[Ahmad Ibrahim (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ahmad.cdev@gmail.com>)

</br>[Ahmed Mohamed  
(1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=ahmed\\_master23@hotmail.com](https://github.com/dotnet/runtime/commits/release/5.0?author=ahmed_master23@hotmail.com))

</br>[Ahson Khan  
(14)]([https://github.com/dotnet/runtime/commits/release/5.0?author=ahson\\_ahmedk@yahoo.com](https://github.com/dotnet/runtime/commits/release/5.0?author=ahson_ahmedk@yahoo.com))

</br>[Alaa Masoud (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alaa.masoud@live.com>)

</br>[Alan Isaac (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alan.pinkert@gmail.com>)

</br>[Alan West  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=3676547+alanwest@users.noreply.github.com>)

</br>[Aleksey  
Kliger (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=aleksey@lambdageek.org>)

</br>[Aleksey Kliger (32)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com>)

</br>[Aleksey Kliger (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alklig@microsoft.com>)

</br>[Alessio Franceschelli  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alessio@franceschelli.me>)

</br>[Alex Villarreal (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex@alexvy86.com>)

</br>[Alexander Koplinger  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com>)

</br>[Alexander Kplinger  
(149)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alex.koeplinger@outlook.com>)

</br>[Alexander Nikolaev  
(38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55398552+alnikola@users.noreply.github.com>)

</br>[Alexander  
Soldatov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=soldatov.a@samsung.com>)

</br>[Alexander Speshilov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=speshuric@mail.ru>)

</br>[Alexandre Mutel  
(2)]([https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre\\_mutel@live.com](https://github.com/dotnet/runtime/commits/release/5.0?author=alexandre_mutel@live.com))

</br>[Alexey Golub (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tyrrrrrr@gmail.com>)

</br>[Alexis Christoforides  
(21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alexis@thenull.net>)

</br>[AlFas AlFasGD@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=AlFasGD@users.noreply.github.com>)

</br>[Alfred Myers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=git@alfredmyers.com>)

</br>[Alistair Evans (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=alistairjevans@gmail.com>)

</br>[Alois-xx akraus1@gmx.de  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=akraus1@gmx.de>)

</br>[Anatoly  
Belyaev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tolya.msu@gmail.com>)  
</br>[Andrew Arnott  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewarnott@gmail.com>)  
</br>[Andrew Arnott  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Andrew.arnott@Microsoft.com>)  
</br>[Andrew Au (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cshung@gmail.com>)  
</br>[Andrew Au (57)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrewau@microsoft.com>)  
</br>[Andrew Boyarshin  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrew.boyarshin@gmail.com>)  
</br>[Andrey Akinshin  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andrey.akinshin@gmail.com>)  
</br>[Andrey Kurdyumov  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kant2002@gmail.com>)  
</br>[Andriy a.tsymbalistyi@outlook.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)  
</br>[Andriy  
Tsymbalistyi (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=a.tsymbalistyi@outlook.com>)  
</br>[Andy Ayers (75)](<https://github.com/dotnet/runtime/commits/release/5.0?author=andya@microsoft.com>)  
</br>[Andy Gocke (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=angocke@microsoft.com>)  
</br>[Andy Hanson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anhans@microsoft.com>)  
</br>[Anipik anirudhagnihotry098@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)  
</br>[Anirudh Agnihotry  
(84)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anirudhagnihotry098@gmail.com>)  
</br>[Ankit Jain (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=radical@gmail.com>)  
</br>[Anton Firszov  
(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Anton.Firszov@microsoft.com>)  
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(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55381413+AntonLandor@users.noreply.github.com>)  
</br>[Anton Lapounov  
(27)](<https://github.com/dotnet/runtime/commits/release/5.0?author=antonl@microsoft.com>)  
</br>[Anton Vasiliev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=si1ver1502@gmail.com>)  
</br>[Anubhav Srivastava (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-ansri@microsoft.com>)  
</br>[Anubhav Srivastava  
(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=SrivastavaAnubhav@users.noreply.github.com>)  
</br>[AraHaan 15173749+AraHaan@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=15173749+AraHaan@users.noreply.github.com>)  
</br>[Arialdo Martini  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=arialdomartini@gmail.com>)  
</br>[asmichi asmichi@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=asmichi@users.noreply.github.com>)  
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</br>[Barry Dorrans (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=github.com@idunno.org>)  
</br>[Ben Adams (19)](<https://github.com/dotnet/runtime/commits/release/5.0?author=thundercat@illyriad.co.uk>)



</br>[benhall\_io 3179852+benbhall@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=3179852+benbhall@users.noreply.github.com)  
 </br>[Benjamin Bartels (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=benjamin@bartels.dev)  
 </br>[Bernhard Urban-Forster  
 (26)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewurm@gmail.com)  
 </br>[Bill Wert (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=billwert@microsoft.com)  
 </br>[Bond-009 bond.009@outlook.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bond.009@outlook.com)  
 </br>[Borislav Ivanov  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bsivanov@users.noreply.github.com)  
 </br>[Brennan  
 brecon@microsoft.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=brecon@microsoft.com)  
 </br>[Brian Bohe (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=t-brboh@microsoft.com)  
 </br>[Brian Friesen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=brian.friesen@gmail.com)  
 </br>[Brian Robbins (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=brianrob@microsoft.com)  
 </br>[Brian Sullivan (26)](https://github.com/dotnet/runtime/commits/release/5.0?author=briansul@microsoft.com)  
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 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=daddyman@users.noreply.github.com)  
 </br>[Brooke Philpott (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=brphilpott@yahoo.com)  
 </br>[Bruce Forstall (81)](https://github.com/dotnet/runtime/commits/release/5.0?author=brucefo@microsoft.com)  
 </br>[Bruno Garcia  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=bruno@brunogarcia.com)  
 </br>[Buyaa bunamnan@microsoft.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com)  
 </br>[buyaa-n bunamnan@microsoft.com  
 (28)](https://github.com/dotnet/runtime/commits/release/5.0?author=bunamnan@microsoft.com)  
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 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=buyankhishig.namnan@microsoft.com)  
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 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=1175054+carlossanlop@users.noreply.github.com)  
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 </br>[Carol Eidt (65)](https://github.com/dotnet/runtime/commits/release/5.0?author=carol.eidt@microsoft.com)  
 </br>[Chandramouleswaran chandramouleswaran@gmail.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=chandramouleswaran@gmail.com)  
 </br>[Chaojie 42886212+v-chayan@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=42886212+v-chayan@users.noreply.github.com)  
 </br>[Charles Milette  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=charles.milette@gmail.com)

</br>[Charles Stoner (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=chucks@microsoft.com>)

</br>[Cheena Malhotra (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-chmalh@microsoft.com>)

</br>[Chris R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@outlook.com>)

</br>[Chris Ross (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Tratcher@Outlook.com>)

</br>[Christian Hiersekorn (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hiersekornc@users.noreply.github.com>)

</br>[Cijo Thomas (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cithomas@microsoft.com>)

</br>[Clinton Ingram (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clinton.ingram@outlook.com>)

</br>[Cody cojacfar@gmail.com (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cojacfar@gmail.com>)

</br>[Cory Nelson (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=phrosty@gmail.com>)

</br>[Cdric Luthi (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=cedric.luthi@gmail.com>)

</br>[Dan Moseley (37)](<https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com>)

</br>[Daniel Roth (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=daroth@microsoft.com>)

</br>[danmosemsft danmose@microsoft.com (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=danmose@microsoft.com>)

</br>[David Cantu (15)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com>)

</br>[David Cant (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dacantu@microsoft.com>)

</br>[David Fowler (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=davidfowl@gmail.com>)

</br>[David Mason (46)](<https://github.com/dotnet/runtime/commits/release/5.0?author=davmason@microsoft.com>)

</br>[David Shulman (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=david.shulman@microsoft.com>)

</br>[David Wrighton (76)](<https://github.com/dotnet/runtime/commits/release/5.0?author=davidwr@microsoft.com>)

</br>[Davis Goodin (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@microsoft.com>)

</br>[Davis Goodin (18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dagood@users.noreply.github.com>)

</br>[devsko devsko@users.noreply.github.com (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=devsko@users.noreply.github.com>)

</br>[devtwogenies 49120331+devtwogenies@users.noreply.github.com (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=49120331+devtwogenies@users.noreply.github.com>)

</br>[dhusemann drhent@hotmail.com (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=drhent@hotmail.com>)

</br>[Dmitriy Maksimov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Dmitriy.Maksimov@gmail.com>)

</br>[Dong-Heon Jung (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clamp03@gmail.com>)

</br>[Dong-Heon Jung (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dheon.jung@samsung.com>)

</br>[Dongbo Wang (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=dongbow@microsoft.com>)

</br>[Doug Bunting (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=6431421+dougbu@users.noreply.github.com>)

</br>[Drew  
Noakes (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=git@drewnoakes.com>)  
</br>[Drew Scoggins  
(29)](<https://github.com/dotnet/runtime/commits/release/5.0?author=anscoggi@microsoft.com>)  
</br>[Eddy Nakamura (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eddynaka@gmail.com>)  
</br>[Eddy Nakamura  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ednakamu@microsoft.com>)  
</br>[Edison Henrique (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ehasis@hotmail.com>)  
</br>[Edward Brey (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=edward@breyfamily.net>)  
</br>[Edward Kazuya (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kazuya@comcast.net>)  
</br>[Egor Bogatov (111)](<https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com>)  
</br>[Egor Chesakov  
(60)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Egor.Chesakov@microsoft.com>)  
</br>[EgorBo  
egor@gmail.com (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=egor@gmail.com>)  
</br>[EgorBo egorbo@gmail.com  
(40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=egorbo@gmail.com>)  
</br>[Eirik Tsarpalis  
(118)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eirik.tsarpalis@gmail.com>)  
</br>[eli-fin eyfinkel@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eyfinkel@gmail.com>)  
</br>[Elinor Fung (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=elfung@microsoft.com>)  
</br>[Elinor Fung (64)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47805090+elinor-fung@users.noreply.github.com>)  
</br>[Emmanuel Andr  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2341261+manandre@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Erhan Atesoglu  
(9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=47518605+eanova@users.noreply.github.com>)  
</br>[Eriawan Kusumawardhono  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eriawan@live.com>)  
</br>[Eric Erhardt  
(66)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
</br>[Eric StJohn (40)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ericstj@microsoft.com>)  
</br>[Espen Rvik  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=espenrl@users.noreply.github.com>)  
</br>[Eugene Rozenfeld  
(35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=erozen@microsoft.com>)  
</br>[Eugene Samoylov  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugenestmlv@gmail.com>)  
</br>[Evgenii Stepanov  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=eugeni.stepanov@gmail.com>)  
</br>[Fadi Hanna (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadi.mounir@outlook.com>)  
</br>[Fadi  
Hanna (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=fadim@microsoft.com>)  
</br>[Fan Yang (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com>)  
</br>[Fan Yang (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=52458914+fanyang->

mono@users.noreply.github.com)  
 </br>[fanyang-mono yangfan@microsoft.com  
 (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=yangfan@microsoft.com)  
 </br>[Federico Zuccollo  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=federico.zuccollo@gmail.com)  
 </br>[Felipe Pessoto  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=felipepessoto@hotmail.com)  
 </br>[Felipe Pessoto (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=fepessot@microsoft.com)  
 </br>[Fernando Andreu  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=2480661+fernandreu@users.noreply.github.com  
 )  
 </br>[Filip Navara (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=navara@emclient.com)  
 </br>[Filip  
 Navara (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=filip.navara@gmail.com)  
 </br>[Francesco Saltori  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=francescosaltori@gmail.com)  
 </br>[Fraser Waters (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=frassle@gmail.com)  
 </br>[FreddyD-GH 12990709+FreddyD-GH@users.noreply.github.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=12990709+FreddyD-  
 GH@users.noreply.github.com)  
 </br>[Frederik Carlier  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=frederik.carlier@quamotion.mobi)  
 </br>[Fredrik Histher (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=fredrik.rasch@gmail.com)  
 </br>[Ganbarukamo41 ganbarukamo@gmail.com  
 (18)](https://github.com/dotnet/runtime/commits/release/5.0?author=ganbarukamo@gmail.com)  
 </br>[Geoff Kizer (19)](https://github.com/dotnet/runtime/commits/release/5.0?author=geoffrek@microsoft.com)  
 </br>[GeorgeAlexandria  
 giorgi.alexandria@gmail.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=giorgi.alexandria@gmail.com)  
 </br>[Gleb Balykov (11)](https://github.com/dotnet/runtime/commits/release/5.0?author=g.balykov@samsung.com)  
 </br>[Gustavo Varo  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=gugavaro@users.noreply.github.com)  
 </br>[Grald Barr  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=meziantou@users.noreply.github.com)  
 </br>[Gnther Foidl (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=gue@korporal.at)  
 </br>[Hamish Arblaster  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=hamarb123@gmail.com)  
 </br>[handlespeed handlespeed@163.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=handlespeed@163.com)  
 </br>[Hao Kung  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=HaoK@users.noreply.github.com)  
 </br>[Heku jzd@live.cn  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=jzd@live.cn)  
 </br>[Henrik lasssenn@gmail.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lasssenn@gmail.com)  
 </br>[Henrique Fernandes  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=henrique.baggio@outlook.com)  
 </br>[Himanshu Soni (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=hsoni@tavisca.com)

</br>[Honza Rame (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ramejan@gmail.com>)

</br>[Huang, Zhaoquan  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zhaquan2008@hotmail.com>)

</br>[Hugh Bellamy (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=hughbellars@gmail.com>)

</br>[Huo Yaoyuan (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=huoyaoyuan@hotmail.com>)

</br>[Ilia ki.stfu@gmail.com  
(4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com>)

</br>[Ilia K (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ki.stfu@gmail.com>)

</br>[Ilya  
darpa@yandex.ru (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=darpa@yandex.ru>)

</br>[imhameed imhameed@microsoft.com  
(13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=imhameed@microsoft.com>)

</br>[Immo Landwerth (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=immo@landwerth.net>)

</br>[Immo Landwerth (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=immol@microsoft.com>)

</br>[Ivan ivanbuha@outlook.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivanbuha@outlook.com>)

</br>[Ivan David (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com>)

</br>[Ivan Diaz (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ivdiazsa@microsoft.com>)

</br>[Ivan Povazan  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=55002338+ivanpovazan@users.noreply.github.com>)

</br>[Jacob  
Lalonde (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jjjlalonde@gmail.com>)

</br>[Jake Meiergerd (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jakenveina@gmail.com>)

</br>[Jakob Botsch  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Jakob.botsch.nielsen@gmail.com>)

</br>[James Newton-King  
(5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=james@newtonking.com>)

</br>[Jan Jahoda (15)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jajahoda@microsoft.com>)

</br>[Jan Kotas (208)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkotas@microsoft.com>)

</br>[Jan Vorlicek (102)](<https://github.com/dotnet/runtime/commits/release/5.0?author=janvorli@microsoft.com>)

</br>[Jared Parsons  
(12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jaredpparsons@gmail.com>)

</br>[Jarret Shook (33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com>)

</br>[jashook jashook@microsoft.com  
(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jashoo@microsoft.com>)

</br>[Jason Pugsley (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jason.pugsley@gmail.com>)

</br>[Jay Krell (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jaykrell@microsoft.com>)

</br>[Jeff Handley  
(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffhandley@users.noreply.github.com>)

</br>[Jeff Schwartz (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffschw@microsoft.com>)

</br>[Jeffrey Zhao (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeffz@live.com>)

</br>[Jeremy Barton (32)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jbarton@microsoft.com>)

</br>[Jeremy Koritzinsky  
(50)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jekoritz@microsoft.com>)

</br>[Jeremy Kuhne (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkuhne@microsoft.com>)

</br>[Jeroen

Oortwijn

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=51476918+JeroenOortwijn@users.noreply.github.com>)

</br>[JesperTreetop jesper.lindholm@treetop.se

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jesper.lindholm@treetop.se>)

</br>[jeuxjeux20 jeuxjeux20@outlook.fr

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jeuxjeux20@outlook.fr>)

</br>[Jim Buck (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jim@jimbuck.io>)

</br>[Jimmy Bogard

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jimmy.bogard@gmail.com>)

</br>[Jo Shields (16)](<https://github.com/dotnet/runtime/commits/release/5.0?author=directhex@apebox.org>)

</br>[Jo Shields (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshield@microsoft.com>)

</br>[Johan Lorensen

(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com>)

</br>[John johnkellyoxford@gmail.com

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com>)

</br>[John

Kelly (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnkellyoxford@gmail.com>)

</br>[John Luo (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johluo@microsoft.com>)

</br>[John Salem (28)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josalem@microsoft.com>)

</br>[John Smith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john@solrevdev.com>)

</br>[John Tur (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=john-tur@outlook.com>)

</br>[Johonis jonas\_kuntze@web.de

(1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=jonas\\_kuntze@web.de](https://github.com/dotnet/runtime/commits/release/5.0?author=jonas_kuntze@web.de))

</br>[Jon Fortescue (18)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jofortes@microsoft.com>)

</br>[Jonathan Chambers

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joncham@gmail.com>)

</br>[Jonathan Marler

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=johnnymarler@gmail.com>)

</br>[Jonathan

Peppers (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonathan.peppers@gmail.com>)

</br>[Joni jonijpn@gmail.com

(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jonijpn@gmail.com>)

</br>[Jose Perez (21)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joperezr@microsoft.com>)

</br>[Joseph Musser (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=me@jnm2.com>)

</br>[Josh Groves (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=josh@joshgroves.com>)

</br>[Josh Schreuder

(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=joshschreuder@gmail.com>)

</br>[Juan Hoyos (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juan.hoyos@microsoft.com>)

</br>[Juan Sebastian (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=juhoyosa@microsoft.com>)

</br>[Julien Couvreur

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jcouv@users.noreply.github.com>)

</br>[Justin

Kotalik (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=jkotalik12@gmail.com>)

</br>[Kahbazi A.Kahbazi@gmail.com

(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=A.Kahbazi@gmail.com>)

</br>[Karel Zikmund (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=karelz@microsoft.com>)

</br>[Katarzyna Buat (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=t-kabul@microsoft.com>)

</br>[Katelyn Gadd (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kg@luminance.org>)  
 </br>[Keith Kjer (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjerkdev@gmail.com>)  
 </br>[Keith Newton  
 (1)]([https://github.com/dotnet/runtime/commits/release/5.0?author=bob\\_corillian@hotmail.com](https://github.com/dotnet/runtime/commits/release/5.0?author=bob_corillian@hotmail.com))  
 </br>[Kenneth Pouncey (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kjpou@pt.lu>)  
 </br>[Kevin Jones (51)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevin@vcsjones.com>)  
 </br>[Kevin  
 Pilch (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kevinpi@microsoft.com>)  
 </br>[Key Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=keyhyuk.kim@gmail.com>)  
 </br>[Kirill Frolov (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.frolov@samsung.com>)  
 </br>[klettier lettier.kevin@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lettier.kevin@gmail.com>)  
 </br>[Konstantin Baladurin  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=k.baladurin@gmail.com>)  
 </br>[Koundinya Veluri  
 (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@users.noreply.github.com>)  
 </br>[Koundinya Veluri  
 (6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kouvel@microsoft.com>)  
 </br>[Kristian Hellang (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kristian@hellang.com>)  
 </br>[Krzysztof Bogacki  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=krzysztof.bogacki@leancode.pl>)  
 </br>[Krzysztof  
 Wicher (10)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mordotymoja@gmail.com>)  
 </br>[Krzysztof Wicher  
 (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kwicher@microsoft.com>)  
 </br>[Kunal Pathak  
 (31)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Kunal.Pathak@microsoft.com>)  
 </br>[ladeak ladeak@windowslive.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ladeak@windowslive.com>)  
 </br>[Larry Ewing (20)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@microsoft.com>)  
 </br>[lateralusX lateralusx.github@gmail.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusx.github@gmail.com>)  
 </br>[lateralusX lateralusX@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lateralusX@users.noreply.github.com>)  
 </br>[Layomi Akinrinade  
 (84)](<https://github.com/dotnet/runtime/commits/release/5.0?author=laakinri@microsoft.com>)  
 </br>[LeaFrock  
 LeaFrock@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=LeaFrock@users.noreply.github.com>)  
 </br>[Leandro A.  
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com>)  
 </br>[Leandro Pereira  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=leandro.pereira@microsoft.com>)  
 </br>[Lee Coward (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=leecow@microsoft.com>)  
 </br>[Lennart Brggemann  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=lbrueggemann@outlook.com>)  
 </br>[Leslie Zhai (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=zhaixiang@loongson.cn>)  
 </br>[Levi Broderick

(65)](https://github.com/dotnet/runtime/commits/release/5.0?author=GrabYourPitchforks@users.noreply.github.com)

</br>[lewing lewing@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lewing@users.noreply.github.com)

</br>[lindexi

lindexi@users.noreply.github.com

(8)](https://github.com/dotnet/runtime/commits/release/5.0?author=lindexi@users.noreply.github.com)

</br>[Liudmila Molkova

(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=lmolkova@microsoft.com)

</br>[Loc Sharma (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=sharma.loic@gmail.com)

</br>[Lucas Trzesniewski

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lucas.trzesniewski@gmail.com)

</br>[Luk Lnsk (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=lukas@lansky.name)

</br>[Mackinnon Buck

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mackinnon.buck@gmail.com)

</br>[madmir 1119735+madmir@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=1119735+madmir@users.noreply.github.com)

</br>[Maher Jendoubi

(6)](https://github.com/dotnet/runtime/commits/release/5.0?author=maher.jendoubi@gmail.com)

</br>[Maira

Wenzel (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=mairaw@microsoft.com)

</br>[Manish Godse

(38)](https://github.com/dotnet/runtime/commits/release/5.0?author=61718172+mangod9@users.noreply.github.com)

</br>[Manuel Pfemeter (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=m)

</br>[Manuel Pfemeter

(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=manne@users.noreply.github.com)

</br>[Maoni Stephens

(10)](https://github.com/dotnet/runtime/commits/release/5.0?author=Maoni0@users.noreply.github.com)

</br>[marcnet80 46241368+marcnet80@users.noreply.github.com

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=46241368+marcnet80@users.noreply.github.com)

</br>[Marco Rossignoli

(10)](https://github.com/dotnet/runtime/commits/release/5.0?author=marco.rossignoli@gmail.com)

</br>[Marcus Turewicz

(7)](https://github.com/dotnet/runtime/commits/release/5.0?author=24448509+marcusturewicz@users.noreply.github.com)

</br>[Marek Habersack

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=grendel@twistedcode.net)

</br>[Marek Safar (55)](https://github.com/dotnet/runtime/commits/release/5.0?author=marek.safar@gmail.com)

</br>[Marie Pchov

(24)](https://github.com/dotnet/runtime/commits/release/5.0?author=11718369+ManickaP@users.noreply.github.com)

</br>[Marie Pchov (9)](https://github.com/dotnet/runtime/commits/release/5.0?author=mapichov@microsoft.com)

</br>[Marius Gundersen

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=me@mariusgundersen.net)

</br>[Marius Ungureanu

(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=teromario@yahoo.com)



</br>[Marius Ungureanu (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=therzok@gmail.com>)

</br>[Martin Costello  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=martin@martincostello.com>)

</br>[Maryam Ariyan  
(52)](<https://github.com/dotnet/runtime/commits/release/5.0?author=maryam.ariyan@microsoft.com>)

</br>[Mateo  
Torres (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com>)

</br>[Mateo Torres-Ruiz  
(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mateoatr@users.noreply.github.com>)

</br>[mateoatr matorre@microsoft.com  
(9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matorre@microsoft.com>)

</br>[Matt Connew (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mconnew@microsoft.com>)

</br>[Matt Galbraith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattgal@microsoft.com>)

</br>[Matt Galbraith  
(8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=MattGal@users.noreply.github.com>)

</br>[Matt Kotsenas  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Matt.Kotsenas@gmail.com>)

</br>[Matt Kotsenas (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattkot@microsoft.com>)

</br>[Matt Mitchell (35)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Matt  
Smith (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew.j.smith2@outlook.com>)

</br>[Matt Warren (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matt.warren@live.co.uk>)

</br>[Matthew R (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=matthew@centreboard.net>)

</br>[Mattias Karlsson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mattias@devlead.se>)

</br>[Maxim Lipnin (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mlipnin@gmail.com>)

</br>[Maxim Lipnin (46)](<https://github.com/dotnet/runtime/commits/release/5.0?author=v-maxlip@microsoft.com>)

</br>[mayorovp mayorovp@gmail.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mayorovp@gmail.com>)

</br>[mdh1418 mdh1418@users.noreply.github.com  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mdh1418@users.noreply.github.com>)

</br>[Medeni Baykal  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=433724+Haplois@users.noreply.github.com>)

</br>[Michael  
Katz  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=45770613+microkatz@users.noreply.github.com>)

</br>[Michal Strehovsk  
(67)](<https://github.com/dotnet/runtime/commits/release/5.0?author=MichalStrehovsky@users.noreply.github.com>)

</br>[Micha Bryka (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=michal.brylka@gmail.com>)

</br>[Miha Zupan  
(38)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mihazupan.zupan1@gmail.com>)

</br>[Mika Lehtinen  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Smibu@users.noreply.github.com>)

</br>[Mike Danes (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com>)

</br>[Mike McLaughlin  
(24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mikem@microsoft.com>)

</br>[Mike Rousos (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mikerou@microsoft.com>)

</br>[mikedn  
onemihaid@hotmail.com  
(13)](https://github.com/dotnet/runtime/commits/release/5.0?author=onemihaid@hotmail.com)  
</br>[Mikel Blanchard  
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=mblanchard@macrosssoftware.com)  
</br>[Mikhail Kurinnoi  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=m.kurinnoi@samsung.com)  
</br>[Mikhail Kurinnoi  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=viewizard@viewizard.com)  
</br>[Mikhail Pilin  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ww898@users.noreply.github.com)  
</br>[minju 37239344+hiMinju@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=37239344+hiMinju@users.noreply.github.com)  
</br>[Mitch Valenta (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=mvalenta@live.com)  
</br>[Mitchell Hwang  
(40)](https://github.com/dotnet/runtime/commits/release/5.0?author=mitchhwang1418@gmail.com)  
</br>[Mohammed Adenwala  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=adenwala@outlook.com)  
</br>[monojenkins  
jo.shields+jenkins@xamarin.com  
(296)](https://github.com/dotnet/runtime/commits/release/5.0?author=jo.shields+jenkins@xamarin.com)  
</br>[monojenkins releng@xamarin.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=releng@xamarin.com)  
</br>[mrj001 62225294+mrj001@users.noreply.github.com  
(6)](https://github.com/dotnet/runtime/commits/release/5.0?author=62225294+mrj001@users.noreply.github.com)  
</br>[MSDN.WhiteKnight 35516665+MSDN-WhiteKnight@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=35516665+MSDN-WhiteKnight@users.noreply.github.com)  
</br>[Mukul Sabharwal (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=muks@microsoft.com)  
</br>[Natalia Kondratyeva  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=kondratyeva.ns@gmail.com)  
</br>[Natalia Kondratyeva  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=knatalia@microsoft.com)  
</br>[Nathan  
Ricci (21)](https://github.com/dotnet/runtime/commits/release/5.0?author=naricc@microsoft.com)  
</br>[nathan-moore nathanmoore424@gmail.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=nathanmoore424@gmail.com)  
</br>[Nelson Chen (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=crazysim@gmail.com)  
</br>[Next Turn  
(30)](https://github.com/dotnet/runtime/commits/release/5.0?author=45985406+NextTurn@users.noreply.github.com)  
</br>[Nicholas Orlowsky  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=38eui@protonmail.com)  
</br>[Nick Craver (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=craver@stackoverflow.com)  
</br>[Nick Craver (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nrcraver@gmail.com)  
</br>[Nick Guerrero (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nicholg@microsoft.com)  
</br>[Nico Kranz (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=nico@kranz.space)  
</br>[Nicolas

Portmann (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ndportmann@gmail.com>)  
 </br>[nietras nietras@users.noreply.github.com  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nietras@users.noreply.github.com>)  
 </br>[Nikiforov Alexey (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nik-alekcey@yandex.ua>)  
 </br>[Nikiforov Alexey  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikiforovalekcey@gmail.com>)  
 </br>[Nikola Milosavljevic  
 (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com>)  
 </br>[Nikola Milosavljevic  
 (8)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikolam@microsoft.com>)  
 </br>[Nikolay Sivov  
 (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nsivov@codeweavers.com>)  
 </br>[Nikolche Kolev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nikolev@microsoft.com>)  
 </br>[NN  
 nn1436401@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nn1436401@gmail.com>)  
 </br>[Noah Falk  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@users.noreply.github.com>)  
 </br>[noahfalk noahfalk@microsoft.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=noahfalk@microsoft.com>)  
 </br>[Oded Hanson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=odhanson@microsoft.com>)  
 </br>[Oleksandr Tymoshenko  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=gonzo@bluezbox.com>)  
 </br>[Olivia Chen  
 (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=51934529+ooooolivia@users.noreply.github.com>)  
 </br>[Omair Majid (11)](<https://github.com/dotnet/runtime/commits/release/5.0?author=omajid@redhat.com>)  
 </br>[Paul Westcott (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=p.westcott@gmail.com>)  
 </br>[Paulo Morgado  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=470455+paulomorgado@users.noreply.github.com>)  
 </br>[Pent  
 Ploompuu (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=kaalikas@gmail.com>)  
 </br>[Peter Sollich (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=petersol@microsoft.com>)  
 </br>[pi1024e 49824824+pi1024e@users.noreply.github.com  
 (13)](<https://github.com/dotnet/runtime/commits/release/5.0?author=49824824+pi1024e@users.noreply.github.com>)  
 </br>[Pieter-Jan Briers  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=pieterjan.briers@gmail.com>)  
 </br>[Pranav K (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=prkrishn@hotmail.com>)  
 </br>[Prashanth Govindarajan  
 (15)](<https://github.com/dotnet/runtime/commits/release/5.0?author=prgovi@microsoft.com>)  
 </br>[Pure Krome (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=github@world-domination.com.au>)  
 </br>[Pemek Vysok  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=premek.vysoky@microsoft.com>)  
 </br>[Qin

Li (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=qin.li@thetradedesk.com>)  
 </br>[radical radical@users.noreply.github.com  
 (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=radical@users.noreply.github.com>)  
 </br>[Reza Jooyandeh  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=mr.jooyandeh@gmail.com>)  
 </br>[Rich Lander (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rlander@microsoft.com>)  
 </br>[Rikki Gibson (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rigibson@microsoft.com>)  
 </br>[rob313663 rob313663@gmail.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rob313663@gmail.com>)  
 </br>[Robert Henry (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rrh.henry@gmail.com>)  
 </br>[Robert Matuszewicz  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=robert.matuszewicz@protonmail.com>)  
 </br>[Roman Marusyk  
 (23)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Marusyk@users.noreply.github.com>)  
 </br>[Ross  
 Nelson (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ross.nelson@gmail.com>)  
 </br>[Ryan Lucia (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=ryan@luciaonline.net>)  
 </br>[Ryan Lucia (75)](<https://github.com/dotnet/runtime/commits/release/5.0?author=rylucia@microsoft.com>)  
 </br>[Ryan Nowak (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nowakra@gmail.com>)  
 </br>[s0dyy msorin@msorin.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=msorin@msorin.com>)  
 </br>[Safia Abdalla (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=safia@microsoft.com>)  
 </br>[Sam Harwell  
 (12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Sam.Harwell@microsoft.com>)  
 </br>[Sam Patel  
 (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=46026722+SamMonoRT@users.noreply.github.com>)  
 </br>[Santiago Fernandez  
 (205)](<https://github.com/dotnet/runtime/commits/release/5.0?author=saferrn@microsoft.com>)  
 </br>[Saurabh  
 Singh (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=saurabh.singh@microsoft.com>)  
 </br>[Saurabh Singh (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sausing@microsoft.com>)  
 </br>[Scott Xu (3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=scott-xu@msn.com>)  
 </br>[Sean Hall (7)](<https://github.com/dotnet/runtime/commits/release/5.0?author=r.sean.hall@gmail.com>)  
 </br>[Sean Killeen (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=SeanKilleen@gmail.com>)  
 </br>[Sergey Andreenko  
 (55)](<https://github.com/dotnet/runtime/commits/release/5.0?author=seandree@microsoft.com>)  
 </br>[Sergey Aseev (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=serg046@outlook.com>)  
 </br>[Sergio Pedri (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sergio0694@live.com>)  
 </br>[Sergiy Kuryata (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sergeyk@microsoft.com>)  
 </br>[Serhii  
 Almazov (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=almazik@gmail.com>)  
 </br>[Shay Rojansky (9)](<https://github.com/dotnet/runtime/commits/release/5.0?author=roji@roji.org>)  
 </br>[Shimmy 2716316+weitzhandler@users.noreply.github.com  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=2716316+weitzhandler@users.noreply.github.com>)  
 </br>[Shubham Ranjan  
 (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=shubhamranjan@users.noreply.github.com>)

</br>[Simon Nattress (34)](<https://github.com/dotnet/runtime/commits/release/5.0?author=nattress@gmail.com>)

</br>[Sinan Kaya  
(12)](<https://github.com/dotnet/runtime/commits/release/5.0?author=41809318+franksinankaya@users.noreply.github.com>)

</br>[SingleAccretion 62474226+SingleAccretion@users.noreply.github.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=62474226+SingleAccretion@users.noreply.github.com>)

</br>[Sourabh Shirhatti (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=shirhatti@outlook.com>)

</br>[SRV  
roman.sakno@gmail.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=roman.sakno@gmail.com>)

</br>[sschneider sschneider@overdrive.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sschneider@overdrive.com>)

</br>[Stefan Nikolei (2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stefan@nikolei.eu>)

</br>[Stephen A. (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=clockwork-muse@outlook.com>)

</br>[Stephen Bonikowsky  
(1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stebon@microsoft.com>)

</br>[Stephen Halter (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=halter73@gmail.com>)

</br>[Stephen Toub (386)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stoub@microsoft.com>)

</br>[Steve Gordon (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sgordon@hotmail.co.uk>)

</br>[Steve  
Harter (33)](<https://github.com/dotnet/runtime/commits/release/5.0?author=steveharter@users.noreply.github.com>)

</br>[Steve MacLean  
(52)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Steve.MacLean@microsoft.com>)

</br>[Steve Pfister  
(30)](<https://github.com/dotnet/runtime/commits/release/5.0?author=steveisok@users.noreply.github.com>)

</br>[Steve Sanderson  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=SteveSandersonMS@users.noreply.github.com>)

</br>[Steven Yeh (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=say25@cornell.edu>)

</br>[Stuart Lang (1)](<https://github.com/dotnet/runtime/commits/release/5.0?author=stuart.b.lang@gmail.com>)

</br>[SUN Guoyun  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=40024232+sunny868@users.noreply.github.com>)

</br>[Sung Yoon (24)](<https://github.com/dotnet/runtime/commits/release/5.0?author=suwhang@microsoft.com>)

</br>[Sven Boemer (5)](<https://github.com/dotnet/runtime/commits/release/5.0?author=sbomer@gmail.com>)

</br>[Swaroop  
Sridhar (26)](<https://github.com/dotnet/runtime/commits/release/5.0?author=Swaroop.Sridhar@microsoft.com>)

</br>[Swaroop Sridhar  
(6)](<https://github.com/dotnet/runtime/commits/release/5.0?author=swaroop.sridhar@microsoft.com>)

</br>[Swift Kim (4)](<https://github.com/dotnet/runtime/commits/release/5.0?author=swift.kim@samsung.com>)

</br>[symphony symphony2014@users.noreply.github.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=symphony2014@users.noreply.github.com>)

</br>[t-mustafin 66252296+t-mustafin@users.noreply.github.com  
(3)](<https://github.com/dotnet/runtime/commits/release/5.0?author=66252296+t-mustafin@users.noreply.github.com>)

</br>[TalAloni tal.aloni.il@gmail.com  
(2)](<https://github.com/dotnet/runtime/commits/release/5.0?author=tal.aloni.il@gmail.com>)

</br>[Tamar Christina  
(11)](https://github.com/dotnet/runtime/commits/release/5.0?author=48126768+TamarChristinaArm@users.noreply.github.com)  
</br>[Tammy Qiu (5)](https://github.com/dotnet/runtime/commits/release/5.0?author=tammy.qiu@yahoo.com)  
</br>[Tanner  
Gooding (50)](https://github.com/dotnet/runtime/commits/release/5.0?author=tagoo@outlook.com)  
</br>[Tanveer Gani (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=45886079+tgani-msft@users.noreply.github.com)  
</br>[Tarek Mahmoud  
(33)](https://github.com/dotnet/runtime/commits/release/5.0?author=tarekms@microsoft.com)  
</br>[Tautvydas ilys  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tautvydas.zilys@gmail.com)  
</br>[Taylor Southwick (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tasou@microsoft.com)  
</br>[Thays Grazia (20)](https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@gmail.com)  
</br>[thaystg thaystg@users.noreply.github.com  
(2)](https://github.com/dotnet/runtime/commits/release/5.0?author=thaystg@users.noreply.github.com)  
</br>[Theodore Tsirpanis (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=12659251+teo-tsirpanis@users.noreply.github.com)  
</br>[Thomas  
Gassmann (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=thomas.gassmann@hotmail.com)  
</br>[Thomas Levesque  
(3)](https://github.com/dotnet/runtime/commits/release/5.0?author=1864281+thomaslevesque@users.noreply.github.com)  
</br>[Thorsten Reichert  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=ThorstenReichert@users.noreply.github.com)  
</br>[Tim Heuer (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tim@timheuer.com)  
</br>[Tlakaheel Axayakatl  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tlakaheel.ceja@microsoft.com)  
</br>[Tom Deseyn (22)](https://github.com/dotnet/runtime/commits/release/5.0?author=tom.deseyn@gmail.com)  
</br>[Tom McDonald  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tommcdon@microsoft.com)  
</br>[Tomas trylek@microsoft.com  
(10)](https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com)  
</br>[Tomas  
Weinfurt (90)](https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com)  
</br>[Tomasz Kajetan  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=tkstanczak@users.noreply.github.com)  
</br>[Tom Rylek (124)](https://github.com/dotnet/runtime/commits/release/5.0?author=trylek@microsoft.com)  
</br>[ts2do tsdodo@gmail.com  
(14)](https://github.com/dotnet/runtime/commits/release/5.0?author=tsdodo@gmail.com)  
</br>[tub5 benrothermel@hotmail.co.uk  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=benrothermel@hotmail.co.uk)  
</br>[v-jizho2 v-jizho2@microsoft.com (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=v-jizho2@microsoft.com)  
</br>[vargaz vargaz@users.noreply.github.com  
(1)](https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@users.noreply.github.com)  
</br>[Viktor Hofer  
(156)](https://github.com/dotnet/runtime/commits/release/5.0?author=viktor.hofer@microsoft.com)

</br>[Vitek Karas (17)](https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com)  
 </br>[vitek-karas  
 vitek.karas@microsoft.com  
 (10)](https://github.com/dotnet/runtime/commits/release/5.0?author=vitek.karas@microsoft.com)  
 </br>[Vivek Mishra (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=vivmishra@gmail.com)  
 </br>[vivekbm 7387586+vivekbm@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=7387586+vivekbm@users.noreply.github.com)  
 </br>[vivmishra vivmish@microsoft.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=vivmish@microsoft.com)  
 </br>[Vlad Brezae (41)](https://github.com/dotnet/runtime/commits/release/5.0?author=brezaevlad@gmail.com)  
 </br>[Vladimir Chirikov  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=vchirikov@servicetitan.com)  
 </br>[Vladimir Sadov (40)](https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com)  
 </br>[Vladislav Richter  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=shutdown256@gmail.com)  
 </br>[vsadov  
 vsadov@microsoft.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=vsadov@microsoft.com)  
 </br>[Va Tauer (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=vita@nothrow.cz)  
 </br>[Werner Mairl (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=werner.mairl@gmail.com)  
 </br>[wfurt tweinfurt@yahoo.com  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=tweinfurt@yahoo.com)  
 </br>[Will Dean (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=github\_will@indcomp.co.uk)  
 </br>[William Godbe (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=wigodbe@microsoft.com)  
 </br>[William Li (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=wul@microsoft.com)  
 </br>[WonYoung Choi  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=wy80.choi@samsung.com)  
 </br>[wooooooooood 40855076+wooooooooood@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=40855076+wooooooooood@users.noreply.github.com)  
 </br>[Wraith2  
 wraith2@gmail.com (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=wraith2@gmail.com)  
 </br>[xtqqczze 45661989+xtqqczze@users.noreply.github.com  
 (4)](https://github.com/dotnet/runtime/commits/release/5.0?author=45661989+xtqqczze@users.noreply.github.com)  
 </br>[Yaakov yaakov-h@users.noreply.github.com  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=yaakov-h@users.noreply.github.com)  
 </br>[Yair Halberstadt  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=yairhalberstadt@gmail.com)  
 </br>[Yaroslav Yamshchikov  
 (7)](https://github.com/dotnet/runtime/commits/release/5.0?author=y.yamshchiko@samsung.com)  
 </br>[Yoh Deadfall  
 (12)](https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com)  
 </br>[YohDeadfall yoh.deadfall@hotmail.com  
 (13)](https://github.com/dotnet/runtime/commits/release/5.0?author=yoh.deadfall@hotmail.com)  
 </br>[Youssef  
 Victor  
 (20)](https://github.com/dotnet/runtime/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com)

</br>[yowl scott.waye@hubse.com  
 (2)](https://github.com/dotnet/runtime/commits/release/5.0?author=scott.waye@hubse.com)  
 </br>[Yuchong Pan  
 (3)](https://github.com/dotnet/runtime/commits/release/5.0?author=yuchong.pan@alumni.ubc.ca)  
 </br>[Yuki Wong (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=v-kaywon@microsoft.com)  
 </br>[Zoltan Varga (108)](https://github.com/dotnet/runtime/commits/release/5.0?author=vargaz@gmail.com)  
 </br>[Zoltn Lehczy  
 (1)](https://github.com/dotnet/runtime/commits/release/5.0?author=zoltan.lehoczky@lombiq.com)  
 </br>  
 ## sdk

</br>[Aaron Robinson (6)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=aarobins@microsoft.com)  
 </br>[Adam Sitnik (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adam.sitnik@gmail.com)  
 </br>[Adeel adeelbm@outlook.com  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com)  
 </br>[Adeel  
 Mujahid (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=adeelbm@outlook.com)  
 </br>[Alex Villarreal (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex@alexvy86.com)  
 </br>[Alexander Kplinger  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=alex.koeplinger@outlook.com)  
 </br>[Alfred Myers (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@alfredmyers.com)  
 </br>[Andy De  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=2672110+Thraka@users.noreply.github.com)  
 </br>[Andy Gocke (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=andy@commentout.net)  
 </br>[Andy Zivkovic  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkan@users.noreply.github.com)  
 </br>[Andy Zivkovic  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=zivkovic.andy@gmail.com)  
 </br>[Anirudh Agnihotry  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anagniho@microsoft.com)  
 </br>[Anirudh  
 Agnihotry (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anirudhagnihotry098@gmail.com)  
 </br>[Anton Lapounov (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=antonl@microsoft.com)  
 </br>[anvillan anvillan@users.noreply.github.com  
 (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=anvillan@users.noreply.github.com)  
 </br>[Ben Villalobos  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=villalobosb93@gmail.com)  
 </br>[Ben Villalobos (3)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bevillal@microsoft.com)  
 </br>[Brad Wilson (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnetguy@gmail.com)  
 </br>[Brian Robbins (2)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=brianrob@microsoft.com)  
 </br>[Bruno Logerfo (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=bclogerfo@hotmail.com)  
 </br>[Cristiano  
 Suzuki (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=crsuzuki@microsoft.com)  
 </br>[Dan Moseley (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=danmose@microsoft.com)  
 </br>[Daniel Plaisted  
 (159)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=daplaist@microsoft.com)  
 </br>[Daniel Plaisted (5)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dsplaisted@gmail.com)  
 </br>[David Kean (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=davkean@microsoft.com)



</br>[David Maas  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=contact@pathogenstudios.com>)  
 </br>[Deep Choudhery (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=decho@microsoft.com>)  
 </br>[Donnie Goodson  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=donnie.goodson@microsoft.com>)  
 </br>[Drew Noakes (69)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=git@drewnoakes.com>)  
 </br>[Eli  
 Arbel (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=aelij@arbel.net>)  
 </br>[Elinor Fung (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47805090+elinor-fung@users.noreply.github.com>)  
 </br>[Enrico Sada (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=enrico@sada.io>)  
 </br>[Epsitha Ananth  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=47157394+epananth@users.noreply.github.com>)  
 </br>[Eric Erhardt (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=eric.erhardt@microsoft.com>)  
 </br>[Fadi Hanna (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=fadim@microsoft.com>)  
 </br>[Forgind Forcind@users.noreply.github.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com>)  
 </br>[Gennadii Altukhov (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=grinrag@gmail.com>)  
 </br>[Huo Yaoyuan (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=huoyaoyuan@hotmail.com>)  
 </br>[Immo  
 Landwerth (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=immol@microsoft.com>)  
 </br>[Jacques Eloff  
 (16)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=joeloff@users.noreply.github.com>)  
 </br>[Jakub Jare (9)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com>)  
 </br>[Jason Zhai  
 (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=AzureTest@vwuzhai002.redmond.corp.microsoft.com>)  
 </br>[jbeisner johnbeisner@microsoft.com  
 (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@microsoft.com>)  
 </br>[Jeremy Koritzinsky  
 (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jekoritz@microsoft.com>)  
 </br>[Joel Verhagen (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jver@microsoft.com>)  
 </br>[John Beisner  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johnbeisner@users.noreply.github.com>)  
 </br>[John Luo (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=johluo@microsoft.com>)  
 </br>[Jonathon  
 Marolf (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@users.noreply.github.com>)  
 </br>[Jonathon Marolf  
 (52)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=jmarolf@microsoft.com>)  
 </br>[Levi Broderick  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=GrabYourPitchforks@users.noreply.github.com>)  
 </br>[Livar Cunha (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=licavalc@microsoft.com>)  
 </br>[Livar Cunha (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=livar@live.com>)  
 </br>[Lukas Grtzmacher (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=github@lg2.de>)  
 </br>[Lukas Lansky (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lulansky@microsoft.com>)  
 </br>[Luke Westendorf  
 (12)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=lukewest@microsoft.com>)  
 </br>[Manish Vasani

(2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mavasani@microsoft.com>)  
 </br>[Marc  
 Paine (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com>)  
 </br>[marcpopMSFT marcpop@microsoft.com  
 (3)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=marcpop@microsoft.com>)  
 </br>[Martin Ruiz  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=43253759+martinrrm@users.noreply.github.com>)  
 </br>[Matt Mitchell (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=dotnet-bot@dotnetfoundation.org>)  
 </br>[Matt Mitchell (66)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com>)  
 </br>[Mikayla Hutchinson  
 (10)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=m.j.hutchinson@gmail.com>)  
 </br>[mmitche mmitche@microsoft.com  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=mmitche@microsoft.com>)  
 </br>[MSLukeWest 42553283+MSLukeWest@users.noreply.github.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=42553283+MSLukeWest@users.noreply.github.com>)  
 </br>[Nathan  
 Mytelka (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Forgind@users.noreply.github.com>)  
 </br>[Nick Guerrero (23)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nicholg@microsoft.com>)  
 </br>[Nikolche Kolev  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolce1kolev@gmail.com>)  
 </br>[Nikolche Kolev (4)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=nikolev@microsoft.com>)  
 </br>[Nirmal Guru (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Nirmal4G@gmail.com>)  
 </br>[nohwnd me@jakubjares.com  
 (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=me@jakubjares.com>)  
 </br>[Pranav K (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=prkrishn@hotmail.com>)  
 </br>[Rainer Sigwald (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=raines@microsoft.com>)  
 </br>[reduckted reduckted@outlook.com  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=reduckted@outlook.com>)  
 </br>[Sarah Oslund  
 (138)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)  
 </br>[sfoslund sfoslund@microsoft.com  
 (27)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sfoslund@microsoft.com>)  
 </br>[Sujit Nayak (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sujitn@microsoft.com>)  
 </br>[Sven Boemer (13)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=sbomer@gmail.com>)  
 </br>[Swaroop Sridhar  
 (10)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=Swaroop.Sridhar@microsoft.com>)  
 </br>[Swaroop Sridhar  
 (5)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=swaroop.sridhar@microsoft.com>)  
 </br>[Tom Meschter  
 (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tom.meschter@microsoft.com>)  
 </br>[Tom Meschter (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tomescht@microsoft.com>)  
 </br>[Tom  
 Matouek (2)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=tmat@users.noreply.github.com>)  
 </br>[v-chmart v-chmart@microsoft.com (1)](<https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-chmart@microsoft.com>)

</br>[Vatsan Madhavan  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vatsan.madhavan@microsoft.com)  
 </br>[Vijay Ramakrishnan  
 (36)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vramak@microsoft.com)  
 </br>[Vijay Ramakrishnan  
 (8)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vijayrkn@users.noreply.github.com)  
 </br>[Viktor Hofer  
 (7)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=viktor.hofer@microsoft.com)  
 </br>[vitek-karas vitek.karas@microsoft.com  
 (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=vitek.karas@microsoft.com)  
 </br>[William Godbe  
 (12)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wigodbe@microsoft.com)  
 </br>[William Li (133)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=wul@microsoft.com)  
 </br>[Youssef  
 Victor (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=youssefvictor00@gmail.com)  
 </br>[Youssef Victor  
 (4)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=31348972+Youssef1313@users.noreply.github.com)  
 </br>[Zbynk Sailer (1)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)  
 </br>[Zbynk Sailer (3)](https://github.com/dotnet/sdk/commits/release/5.0.1xx?author=v-zbsail@microsoft.com)  
 </br>  
 ## templating

</br>[Anirudh Agnihotry  
 (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=anirudhagnihotry098@gmail.com)  
 </br>[AR-May 67507805+AR-May@users.noreply.github.com  
 (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=67507805+AR-May@users.noreply.github.com)  
 </br>[Bekir Ozturk (16)](https://github.com/dotnet/wpf/commits/release/5.0?author=bozturk@microsoft.com)  
 </br>[Brian Robbins (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=brianrob@microsoft.com)  
 </br>[Dan  
 Kroymann (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=dan@recroom.com)  
 </br>[Eilon Lipton  
 (6)](https://github.com/dotnet/wpf/commits/release/5.0?author=Eilon@users.noreply.github.com)  
 </br>[Epsitha Ananth  
 (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=47157394+epananth@users.noreply.github.com)  
 </br>[Gennadii Altukhov (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com)  
 </br>[Gennadii Altukhov (7)](https://github.com/dotnet/wpf/commits/release/5.0?author=gealtukh@microsoft.com)  
 </br>[grinrag grinrag@gmail.com  
 (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com)  
 </br>[Immo Landwerth (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=immol@microsoft.com)  
 </br>[Ladi Prosek (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=laprosek@microsoft.com)  
 </br>[Matt Mitchell (7)](https://github.com/dotnet/wpf/commits/release/5.0?author=mmitch@microsoft.com)  
 </br>[Michael  
 Babienko (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=mbabienko@southern.edu)  
 </br>[oli oliver.coad@gmail.com  
 (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=oliver.coad@gmail.com)  
 </br>[Phil Henning (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=phenning@microsoft.com)  
 </br>[The Gitter (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=badger@gitter.im)

</br>[Vijay Ramakrishnan (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=vramak@microsoft.com)  
</br>[Viktor Hofer (4)](https://github.com/dotnet/wpf/commits/release/5.0?author=viktor.hofer@microsoft.com)  
</br>[Vlada Shubina  
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=vladislava.shubina@gmail.com)  
</br>[Vlada Shubina (6)](https://github.com/dotnet/wpf/commits/release/5.0?author=vshubina@microsoft.com)  
</br>[William Li (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com)  
</br>  
##  
wcf

</br>[BrentSchmaltz brentschmaltz@hotmail.com  
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=brentschmaltz@hotmail.com)  
</br>[Carol Wang (9)](https://github.com/dotnet/wcf/commits/release/3.2?author=v-carwan@microsoft.com)  
</br>[Daniel Setser (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=dasetser@microsoft.com)  
</br>[gojimmypi gojimmypi@gmail.com  
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@gmail.com)  
</br>[gojimmypi gojimmypi@users.noreply.github.com  
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=gojimmypi@users.noreply.github.com)  
</br>[Hong Li (17)](https://github.com/dotnet/wcf/commits/release/3.2?author=hongli@microsoft.com)  
</br>[Immo Landwerth (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=immol@microsoft.com)  
</br>[Levi Broderick  
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=GrabYourPitchforks@users.noreply.github.com)  
</br>[Maher Jendoubi (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=maher.jendoubi@gmail.com)  
</br>[Matt  
Connew (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=matt.connew@microsoft.com)  
</br>[Matt Connew (29)](https://github.com/dotnet/wcf/commits/release/3.2?author=mconnew@microsoft.com)  
</br>[Matt Mitchell (2)](https://github.com/dotnet/wcf/commits/release/3.2?author=mmitche@microsoft.com)  
</br>[Michal Ciechan (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=Indcobra@hotmail.com)  
</br>[Mike Rousos (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=MikeRou@Microsoft.com)  
</br>[Mike Rousos (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=mikerou@microsoft.com)  
</br>[mriehm 3916550+mriehm@users.noreply.github.com  
(1)](https://github.com/dotnet/wcf/commits/release/3.2?author=3916550+mriehm@users.noreply.github.com)  
</br>[Stephen Bonikowsky  
(17)](https://github.com/dotnet/wcf/commits/release/3.2?author=stebon@microsoft.com)  
</br>[Sunny Chen (2)](https://github.com/dotnet/wcf/commits/release/3.2?author=v-fangfc@microsoft.com)  
</br>[v-carwan  
v-carwan@microsoft.com (13)](https://github.com/dotnet/wcf/commits/release/3.2?author=v-  
carwan@microsoft.com)  
</br>[Zhaodong v-zhtian@microsoft.com (1)](https://github.com/dotnet/wcf/commits/release/3.2?author=v-  
zhtian@microsoft.com)  
</br>  
## windowsdesktop

</br>[Adam Yoblick  
(6)](https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=Adam.Yoblick@microsoft.com)  
</br>[Christopher Costa

(7)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=chcosta@microsoft.com>)  
</br>[Dan Moseley  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=danmose@microsoft.com>)  
</br>[Davis Goodin  
(5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=dagood@users.noreply.github.com>)  
</br>[Epsitha Ananth  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=47157394+epananth@users.noreply.github.com>)  
</br>[Eric Erhardt  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=eric.erhardt@microsoft.com>)  
</br>[Hernan  
Martinez  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=hernan.c.martinez@gmail.com>)  
</br>[Igor Velikorossov  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=RussKie@users.noreply.github.com>)  
</br>[Igor Velikorossov  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=igor.velikorossov@microsoft.com>)  
</br>[Immo Landwerth  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=immol@microsoft.com>)  
</br>[JC Aguilera  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=juanam@microsoft.com>)  
</br>[Jeremy Koritzinsky  
(3)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=jekoritz@microsoft.com>)  
</br>[Matt Mitchell  
(23)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=mmitche@microsoft.com>)  
</br>[Nikola Milosavljevic  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com>)  
</br>[Nikola  
Milosavljevic  
(5)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=nikolam@microsoft.com>)  
</br>[Rob LaDuca  
(2)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com>)  
</br>[Robert LaDuca  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=rladuca@gmail.com>)  
</br>[Robert LaDuca  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=roladuca@microsoft.com>)  
</br>[Ryland 41491307+ryalanms@users.noreply.github.com  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com>)  
</br>[Ryland Alaniz  
(3)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=ryalan@microsoft.com>)  
</br>[Vatsan Madhavan  
(11)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=vatsan.madhavan@microsoft.com>)  
</br>[Viktor Hofer  
(1)](<https://github.com/dotnet/windowsdesktop/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
</br>  
##

</br>[Adam Yoblick  
 (8)](<https://github.com/dotnet/winforms/commits/release/5.0?author=Adam.Yoblick@microsoft.com>)  
 </br>[Aigamo 51428094+ycanardeau@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=51428094+ycanardeau@users.noreply.github.com>)  
 </br>[Aleksandr Beliaev  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=Alex.beliyayev@gmail.com>)  
 </br>[Andrew Arnott  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=Andrew.arnott@Microsoft.com>)  
 </br>[Andrew Arnott  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=andrewarnott@gmail.com>)  
 </br>[Andrii Kurdiumov  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=kant2002@gmail.com>)  
 </br>[areller areller.gm@gmail.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=areller.gm@gmail.com>)  
 </br>[Arkady Shapkin  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=arkady.shapkin@gmail.com>)  
 </br>[Bruno  
 Logerfo (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=bclogerfo@hotmail.com>)  
 </br>[Charles Stoner (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=chucks@microsoft.com>)  
 </br>[Cristiano Suzuki  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=cristianosuzuki77@gmail.com>)  
 </br>[Cristiano Suzuki  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=crsuzuki@microsoft.com>)  
 </br>[Dan Moseley (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[Davis Goodin  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=dagood@users.noreply.github.com>)  
 </br>[Devendar Reddy  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=dreddy@microsoft.com>)  
 </br>[Eaton eaton@eaton-works.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=eaton@eaton-works.com>)  
 </br>[Filip Navara (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=filip.navara@gmail.com>)  
 </br>[gpetrou  
 4172445+gpetrou@users.noreply.github.com  
 (117)](<https://github.com/dotnet/winforms/commits/release/5.0?author=4172445+gpetrou@users.noreply.github.com>)  
 </br>[gpetrou gipetrou@gmail.com  
 (22)](<https://github.com/dotnet/winforms/commits/release/5.0?author=gipetrou@gmail.com>)  
 </br>[Hugh Bellamy  
 (354)](<https://github.com/dotnet/winforms/commits/release/5.0?author=hughbellars@gmail.com>)  
 </br>[Igor Velikorossov  
 (70)](<https://github.com/dotnet/winforms/commits/release/5.0?author=RussKie@users.noreply.github.com>)  
 </br>[Igor Velikorossov  
 (83)](<https://github.com/dotnet/winforms/commits/release/5.0?author=igor.velikorossov@microsoft.com>)  
 </br>[janbaltus v-jabalt@microsoft.com (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-jabalt@microsoft.com>)

jabalt@microsoft.com)

</br>[Jaroslav Lobaevski

(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=novaisas@gmail.com>)

</br>[Jeremy Kuhne

(55)](<https://github.com/dotnet/winforms/commits/release/5.0?author=jkuhne@microsoft.com>)

</br>[jeremy-visionaid

47993233+jeremy-visionaid@users.noreply.github.com

(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=47993233+jeremy-visionaid@users.noreply.github.com>)

</br>[Joseph Musser (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=me@jnm2.com>)

</br>[Juan Hoyos

(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=juan.hoyos@microsoft.com>)

</br>[Judith Varsanyi (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=jvrozsa@gmail.com>)

</br>[Klaus Lffelmann

(7)](<https://github.com/dotnet/winforms/commits/release/5.0?author=9663150+KlausLoeffelmann@users.noreply.github.com>)

</br>[KlausLoeffelmann klaus.loeffelmann@microsoft.com

(14)](<https://github.com/dotnet/winforms/commits/release/5.0?author=klaus.loeffelmann@microsoft.com>)

</br>[Konstantin Preier

(9)](<https://github.com/dotnet/winforms/commits/release/5.0?author=kpreisner@users.noreply.github.com>)

</br>[Loni

Tra (7)](<https://github.com/dotnet/winforms/commits/release/5.0?author=loni.tra@gmail.com>)

</br>[Maher Jendoubi

(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=maher.jendoubi@gmail.com>)

</br>[Markus Szumovski

(1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=echalone@hotmail.com>)

</br>[Martin Chromecek (4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=vchmart@microsoft.com>)

</br>[Matt Mitchell

(17)](<https://github.com/dotnet/winforms/commits/release/5.0?author=mmitche@microsoft.com>)

</br>[Mikhail Lipin (26)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-milipi@microsoft.com>)

</br>[Olia Gavrysh

(3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=31997351+OliaG@users.noreply.github.com>)

</br>[Paul M

(4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=paul1956@users.noreply.github.com>)

</br>[Ryuugamine alex.beliayev@gmail.com

(4)](<https://github.com/dotnet/winforms/commits/release/5.0?author=alex.beliayev@gmail.com>)

</br>[Sam

Harwell (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sam@tunnelvisionlabs.com>)

</br>[Sam Harwell

(2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sam.harwell@microsoft.com>)

</br>[Sergey Smirnov

(11)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com>)

</br>[SergeySmirnov-Akvelon sergey.smirnov@akvelon.com

(5)](<https://github.com/dotnet/winforms/commits/release/5.0?author=sergey.smirnov@akvelon.com>)

</br>[Shyam Gupta (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=shgu@microsoft.com>)

</br>[Tanya Solyanik

(14)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tanyaso@microsoft.com>)  
 </br>[Tim Heuer (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tim@timheuer.com>)  
 </br>[Tobias Ks (20)](<https://github.com/dotnet/winforms/commits/release/5.0?author=tobias.kaes@gmail.com>)  
 </br>[v-jiaol 49627022+Amy-Li02@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=49627022+Amy-Li02@users.noreply.github.com>)  
 </br>[v-olzhan 26474449+Olina-Zhang@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=26474449+Olina-Zhang@users.noreply.github.com>)  
 </br>[v-zhgl 38325459+Zheng-Li01@users.noreply.github.com  
 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=38325459+Zheng-Li01@users.noreply.github.com>)  
 </br>[Vatsan Madhavan  
 (6)](<https://github.com/dotnet/winforms/commits/release/5.0?author=vatsan.madhavan@microsoft.com>)  
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 (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=viktor.hofer@microsoft.com>)  
 </br>[Vladimir Krestov (13)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-vlkres@microsoft.com>)  
 </br>[vladimir-krestov 49272759+vladimir-krestov@users.noreply.github.com  
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 </br>[vperus  
 vperus@gmail.com (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=vperus@gmail.com>)  
 </br>[William Godbe  
 (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=wigodbe@microsoft.com>)  
 </br>[William Kent (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=wjk011@gmail.com>)  
 </br>[William Li (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=wul@microsoft.com>)  
 </br>[Xinyan Chen (1)](<https://github.com/dotnet/winforms/commits/release/5.0?author=xinychen@microsoft.com>)  
 </br>[Zachary Danz (3)](<https://github.com/dotnet/winforms/commits/release/5.0?author=zsd4yr@virginia.edu>)  
 </br>[Zbynk Sailer (2)](<https://github.com/dotnet/winforms/commits/release/5.0?author=v-zbsail@microsoft.com>)  
 </br>  
 ## wpf

</br>[Adam Yoblick  
 (5)](<https://github.com/dotnet/wpf/commits/release/5.0?author=Adam.Yoblick@microsoft.com>)  
 </br>[Andy Gocke (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=andy@commentout.net>)  
 </br>[Arpit  
 Dev (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com>)  
 </br>[Arpit Mathur (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=armathur@microsoft.com>)  
 </br>[Barry Dorrans (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=github.com@idunno.org>)  
 </br>[Dan Moseley (2)](<https://github.com/dotnet/wpf/commits/release/5.0?author=danmose@microsoft.com>)  
 </br>[David Denis (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=david.denis@systemathics.com>)  
 </br>[David Wrighton (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=davidwr@microsoft.com>)  
 </br>[Drew Noakes (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=git@drewnoakes.com>)  
 </br>[Filip Navara (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=filip.navara@gmail.com>)  
 </br>[grinrag grinrag@gmail.com  
 (1)](<https://github.com/dotnet/wpf/commits/release/5.0?author=grinrag@gmail.com>)



```

</br>[Jeremy Koritzinsky (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=jekoritz@microsoft.com)
</br>[Lelary
lelary@outlook.com (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=lelary@outlook.com)
</br>[lindexi lindexi@users.noreply.github.com
(2)](https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi@users.noreply.github.com)
</br>[lindexi lindexi_gd@163.com
(2)](https://github.com/dotnet/wpf/commits/release/5.0?author=lindexi_gd@163.com)
</br>[Maher Jendoubi (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=maher.jendoubi@gmail.com)
</br>[Martin Chromecek (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=v-chmart@microsoft.com)
</br>[Mateo Torres (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=matorre@microsoft.com)
</br>[Matt Mitchell (17)](https://github.com/dotnet/wpf/commits/release/5.0?author=mmitche@microsoft.com)
</br>[Matthias Cavigelli (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=cavigelli@gmail.com)
</br>[Morten Nielsen
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=1378165+dotMorten@users.noreply.github.com)
</br>[Nirmal
Guru (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=Nirmal4G@gmail.com)
</br>[Peter Spada (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=peterspa@microsoft.com)
</br>[predavid 67659949+predavid@users.noreply.github.com
(2)](https://github.com/dotnet/wpf/commits/release/5.0?author=67659949+predavid@users.noreply.github.com)
</br>[Rob LaDuca (17)](https://github.com/dotnet/wpf/commits/release/5.0?author=roladuca@microsoft.com)
</br>[Robert LaDuca (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=rladuca@gmail.com)
</br>[Rubn Usamentiaga (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=rusamentiaga@uniovi.es)
</br>[Ryland 41491307+ryalanms@users.noreply.github.com
(7)](https://github.com/dotnet/wpf/commits/release/5.0?author=41491307+ryalanms@users.noreply.github.com)
</br>[Ryland Alaniz (5)](https://github.com/dotnet/wpf/commits/release/5.0?author=ryalan@microsoft.com)
</br>[Sam
Bent (18)](https://github.com/dotnet/wpf/commits/release/5.0?author=sambent@microsoft.com)
</br>[Sarah Oslund (1)](https://github.com/dotnet/wpf/commits/release/5.0?author=sfoslund@microsoft.com)
</br>[Steve Kirbach (3)](https://github.com/dotnet/wpf/commits/release/5.0?author=steven.kirbach@gmail.com)
</br>[Vatsan Madhavan
(53)](https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@microsoft.com)
</br>[Vatsan Madhavan
(6)](https://github.com/dotnet/wpf/commits/release/5.0?author=vatsan.madhavan@gmail.com)
</br>[William Godbe (2)](https://github.com/dotnet/wpf/commits/release/5.0?author=wigodbe@microsoft.com)
</br>[William Li (9)](https://github.com/dotnet/wpf/commits/release/5.0?author=wul@microsoft.com)
</br>[Youssef Victor
(1)](https://github.com/dotnet/wpf/commits/release/5.0?author=31348972+Youssef1313@users.noreply.github.com
)
Contributions to .NET Core 1.1

```

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

```

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

```

...

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

CLI

- [Eric Erhardt (54)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Livar Cunha (45)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com>)
- [Bryan Thornbury (27)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
- [Zlatko Knezevic (11)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com>)
- [Eric St. John (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com>)
- [eerhardt (10)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com>)
- [Senthil (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
- [Eric Mellino (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com>)
- [Sridhar Periyasamy (9)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com>)
- [Matt Ellis (7)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com>)
- [schellap (6)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com>)
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- [Lakshmi Priya Sekar (2)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com>)
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- [jtkech (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr>)
- [Pranav K (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com>)
- [Rohit Agrawal (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com>)
- [Mark Rendle (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net>)
- [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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- [Lakshmi Priya (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com>)
- [martincostello (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com>)
- [Zhi Li (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com>)
- [Daniel Podder (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com>)
- [Bill Wert (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com>)
- [cartermp (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phillip.carter@outlook.com>)
- [Bryan (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com>)
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- [Michael Simons (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com>)
- [Petr Onderka (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gs Vick@gmail.com>)
- [PiotrP (1)](<https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com>)

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- [Rahul Kumar (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=rahku@microsoft.com>)
- [Aditya Mandaleeka (32)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adityam@microsoft.com>)
- [Brian Sullivan (26)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=briansul@microsoft.com>)
- [Andy Ayers (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=andya@microsoft.com>)
- [Gaurav Khanna (24)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=gkhanna@microsoft.com>)
- [Stephen Toub (23)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=stoub@microsoft.com>)
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- [Mike McLaughlin (22)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mikem@microsoft.com>)
- [Carol Eidt (21)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=carol.eidt@microsoft.com>)
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- [Ben Adams (16)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=thundercat@illyriad.co.uk>)
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- [Prajwal A N (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=an.prajwal@samsung.com>)
- [Fadi Hanna (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=fadim@microsoft.com>)
- [Peter Jas (14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=necmon@yahoo.com>)
- [Rama Krishnan Raghupathy

(14)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ramarag@microsoft.com>)

- [Lakshmi Priya Sekar

(13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lasekar@microsoft.com>)

- [Justin Van Patten (13)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jvp@justinvp.com>)
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- [Eric Mellino (12)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Sean Gillespie (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=segilles@microsoft.com>)
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- [Russ Keldorph

(11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com>)

- [Koundinya Veluri (11)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kouvel@microsoft.com>)
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- [Sung-Jae Lee (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sjlee@mail.com>)
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- [Maoni0 (10)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com>)
- [Matt

Ellis (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matell@microsoft.com>)

- [Evgeny Pavlov (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=luenticus@gmail.com>)
- [Pat Gavlin (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pgavlin@gmail.com>)
- [jashoo (9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)
- [Alex Ghiondea

(9)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com>)

- [Swaroop Sridhar (8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=swaroops@microsoft.com>)
- [Jose Perez Rodriguez

(8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joperezr@microsoft.com>)

- [Geunsik Lim

(8)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=leemgs@users.noreply.github.com>)

- [Joseph Tremoulet (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jotrem@microsoft.com>)
- [Hanjoung

Lee (7)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hanjoung.lee@samsung.com>)

- [Aditya Mandaleeka

(6)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityamandaleeka@users.noreply.github.com>)

- [chunseoklee (6)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chunseoklee@naver.com>)
- [Petr Onderka (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=gsvick@gmail.com>)
- [Vance Morrison

(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancemorrison@comcast.net>)

- [Tarek Mahmoud Sayed

(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com>)

- [MyungJoo Ham

(5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@gmail.com>)

- [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
- [Kshama Pawar (4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kspawa@microsoft.com>)
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- [Hyung-Kyu Choi

(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hqueue@users.noreply.github.com>)

- [Lakshmi Priya

(4)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Priya91@users.noreply.github.com>)

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- [Mariana Rios Flores (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mariari@microsoft.com>)
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- [Stephen A. Imhoff (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=clockwork-muse@outlook.com>)

- [Sepideh Khoshnood (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sekho@microsoft.com>)

- [Senthil (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=schellap@microsoft.com>)

- [Ian Hays (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=ianha@microsoft.com>)

- [Deepak Shankargouda (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=deshank@microsoft.com>)

- [Jostein Kjnigsen (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jostein@kjonigsen.net>)

- [vinnyrom (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=vinnyrom@microsoft.com>)

- [Sasha Semennikov (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=alsemenn@microsoft.com>)

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[rhadley (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=rhadley@microsoft.com>)

- [Hyeongseok Oh (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=hseok82.oh@smasung.com>)

- [Rich Lander (2)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=rlander@microsoft.com>)

- [ukasz Domeradski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=JustArchi@users.noreply.github.com>)

- [Adam Speight (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=AdamSpeight2008@users.noreply.github.com>)

- [Andrey Kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=a.kvochko@samsung.com>)

- [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=atsushik@microsoft.com>)

- [Austin Wise (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=AustinWise@gmail.com>)

- [Barry Dorrans (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=Barry.Dorrans@microsoft.com>)

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[Bryan Arant (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=bryanar@microsoft.com>)

- [Bryan P. Arant (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=bryanar@microsoft.com>)

- [Chris McKinsey (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=chrismck@microsoft.com>)

- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dapodd@microsoft.com>)

- [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dpodder@gmail.com>)

- [Davis Goodin (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dagood@users.noreply.github.com>)

- [Dmitri Botcharnikov (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dmitry.b@samsung.com>)

- [Evgeniy Devyatkin (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mail@edevyatkin.com>)

- [Guo Xiao (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=guoxiao@users.noreply.github.com>)

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[Hyeongseok Oh (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=hseok82.oh@samsung.com>)

- [James Singleton (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jpsingleton@users.noreply.github.com>)

- [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jashook@jarrets-mini.guest.corp.microsoft.com>)

- [Jeremy Kuhne (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jeremy.kuhne@microsoft.com>)

- [Jim Ma (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mazong1123@gmail.com>)
- [Jiyoung Giuliana Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t2wish@gmail.com>)
- [Jiyoung Yun (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jy910.yun@samsung.com>)
- [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jsokla@microsoft.com>)
- [JohnChen0 (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com>)
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- [Jonathan Miller (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jonmill@microsoft.com>)
- [Jose Manuel Heredia Hidalgo (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joheredi@microsoft.com>)
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjonigsen.net>)
- [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=juergen@hoetzel.info>)
- [Krzysztof Cwalina (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kcwalina@microsoft.com>)
- [Kurt Aadnoy (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kurt+github@aadnoy.info>)
- [Lorenzo Tessoro (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lt72@users.noreply.github.com>)
- [Lubomir Litchev (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=LLITCHEV@users.noreply.github.com>)
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- [Lukasz Tomczyk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lutom@microsoft.com>)
- [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mairaw@microsoft.com>)
- [Martin Woodward (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=martin@dotnetfoundation.org>)
- [Matt Warren (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matt.warren@live.co.uk>)
- [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=michals@microsoft.com>)
- [Mikhail I. Krivtsov (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=m.krivtsov@samsung.com>)
- [Mukul Sabharwal (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mjsabby@gmail.com>)
- [Oguz Bastemur (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=obastemur@users.noreply.github.com>)
- [Oleg Demchenko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=olegoid91@gmail.com>)
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- [Peter Foley (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pefoley2@pefoley.com>)
- [Peter Kukol (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pkukol@users.noreply.github.com>)
- [Prajwal A N (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=prajwal.an92@gmail.com>)
- [Rajkumar Janakiraman (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=janakiraman.rajkumar@gmail.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=saehie.park@samsung.com>)
- [Sasha Semennikov (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=alsemenn@sashas-mbp.guest.corp.microsoft.com>)
- [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sean.william.g@gmail.com>)
- [Sejong OH (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com>)
- [Sergiy Kuryata (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sergeyk@microsoft.com>)
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- [Shahid Khan (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=shahid.mrd@hotmail.com>)
- [Swaroop Sridhar (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Swaroop.Sridhar@microsoft.com>)

- [Tarekm Mahmoud Sayed
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com>)
- [Tijoy Tom Kalathiparambil
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tijoytk@microsoft.com>)
- [Wes Haggard
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com>)
- [Xiangyang (Mark) Guo
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=xiangyang.guo@intel.com>)
- [dotnet bot (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dotnet-bot@microsoft.com>)
- [hqueue (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hqueue@users.noreply.github.com>)
- [jashook (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com>)
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- [joemmett (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joemmett@microsoft.com>)
- [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=code.kchoi@gmail.com>)
- [kingces95
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kingces95@users.noreply.github.com>)
- [kvochko (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com>)
- [mkborg (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mkborg@users.noreply.github.com>)
- [noahfalk
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=noahfalk@users.noreply.github.com>)
- [sepidehMS (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekho@microsoft.com>)
- [tijoytom
(1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tijoytom@users.noreply.github.com>)
- [Adam Sitnik (1)](<https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adam.sitnik@gmail.com>)

##

CoreFX

- [Stephen Toub (179)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com>)
- [Eric St. John (88)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com>)
- [Shin Mao (62)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shmao@microsoft.com>)
- [Hugh Bellamy (57)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hughbellars@gmail.com>)
- [Jeremy Barton (38)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jbarton@microsoft.com>)
- [Lakshmi Priya Sekar
(33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lasekar@microsoft.com>)
- [Eric Mellino (33)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=erme@microsoft.com>)
- [Ian Hays (29)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ianha@microsoft.com>)
- [Tom Matouek
(27)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tmatt@users.noreply.github.com>)
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- [James Ko (27)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jamesqko@gmail.com>)
- [Justin Van Patten (23)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jvp@justinvp.com>)
- [Matt Ellis (22)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=matell@microsoft.com>)
- [David Shulman
(18)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=david.shulman@microsoft.com>)
- [Jon Hanna (17)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jon@hackcraft.net>)
- [Karthik Rajasekaran
(15)](<https://github.com/dotnet/corefx/commits/release/1.1.0/?author=karajas@microsoft.com>)

- [Bart De Smet (14)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bartde@microsoft.com>)
- [Wes Haggard (14)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Wes.Haggard@microsoft.com>)
- [Mariana Rios Flores (13)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mariari@microsoft.com>)
- [Eric Eilebrecht (12)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@users.noreply.github.com>)
- [Davis Goodin (12)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dagood@microsoft.com>)
- [Petr Onderka (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=gsvick@gmail.com>)
- [Joel Hendrix (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jhendrix@microsoft.com>)
- [Julien Couvreur (11)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=julien.couvreur@gmail.com>)
- [Gaurav Khanna (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=gkhanna@microsoft.com>)
- [Cristian Pop (10)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Cristian.Pop@microsoft.com>)
- [Deepak Shankargouda (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=deshank@microsoft.com>)
- [Nick Guerrero (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=nicholg@microsoft.com>)
- [Tomas Matousek (9)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tomas.matousek@microsoft.com>)
- [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=corivera@microsoft.com>)
- [Christopher Costa (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=chcosta@microsoft.com>)
- [Jose Perez Rodriguez (8)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=joperezr@microsoft.com>)
- [Saurabh Singh (7)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=saurabh500@gmail.com>)
- [chcosta (7)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=chcosta@microsoft.com>)
- [Hyeongseok Oh (6)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=hseok82.oh@smasung.com>)
- [Prajwal A N (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=an.prajwal@samsung.com>)
- [Matt Galbraith (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mattgal@microsoft.com>)
- [Eric Eilebrecht (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@hotmail.com>)
- [Tijoy Tom Kalathiparambil (5)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tijoytk@microsoft.com>)
- [SGuy Ge (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sguyge@microsoft.com>)
- [Denis Istomin (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=istomin.den@gmail.com>)
- [Sung-Jae Lee (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sjlee@mail.com>)
- [huanwu (4)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=huanwu@microsoft.com>)
- [Jan Kotas (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jkotas@microsoft.com>)
- [vitek-karas (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vitek.karas@microsoft.com>)
- [Davis Goodin (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dagood@users.noreply.github.com>)
- [Matt Connew (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mconnew@microsoft.com>)
- [Matt Mitchell (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mmitch@microsoft.com>)
- [Khoa Dang (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Khoa.Dang@microsoft.com>)
- [Dmitri Botcharnikov (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dmitry.b@samsung.com>)

- [Matt Galbraith
(3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=MattGal@users.noreply.github.com>)
- [Stephen A. Imhoff (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=clockwork-muse@outlook.com>)
- [Andrew Au (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=andrewau@microsoft.com>)
- [Andrew Stanton-Nurse
(3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=andrew@andrewnurse.net>)
- [Jeremy Kuhne
(3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jeremy.kuhne@microsoft.com>)
- [Atsushi Kanamori (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=atsushik@microsoft.com>)
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- [Tarek Mahmoud Sayed
(3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tarekms@microsoft.com>)
- [sjsujin.kim (3)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sjsujin.kim@samsung.com>)
- [Jonghyun Park (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=parjong@gmail.com>)
- [Tanner Gooding (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tagoo@outlook.com>)
- [David Mason (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=davmason@microsoft.com>)
- [Thomas Stringer (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tr.stringer@outlook.com>)
- [Vance Morrison (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vancem@microsoft.com>)
- [Vance Morrison
(2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vancemorrison@comcast.net>)
- [Bret Ambrose (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bambrose@amazon.com>)
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- [bjjones (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=brandon1.jones@intel.com>)
- [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jy910.yun@samsung.com>)
- [loulun (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=loulun@hotmail.com>)
- [maririos (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mariari@microsoft.com>)
- [Alex Ghiondea
(2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ghiondea.alexandru@microsoft.com>)
- [Andy Gocke (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=angocke@microsoft.com>)
- [stephentoub (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=stoub@microsoft.com>)
- [Mike McLaughlin (2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mikem@microsoft.com>)
- [Lakshmi Priya
(2)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Priya91@users.noreply.github.com>)
-
- [lukasz Domeradzki
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=JustArchi@users.noreply.github.com>)
- [Alexander Kozlenko
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=alexander.kozlenko@live.com>)
- [Andrew Peters (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=anpete@microsoft.com>)
- [Anthony van der Hoorn
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=anthony.vanderhoorn@gmail.com>)
- [Austin Wise (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=AustinWise@gmail.com>)
- [Barry Dorrans
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Barry.Dorrans@microsoft.com>)
- [Ben Adams (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=thundercat@illyriad.co.uk>)
- [Bruce Bowyer-Smyth
(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bbowyersmyth@live.com.au>)

- [Bryan P. Arant (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=bryanar@microsoft.com>)
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- [Chickenzilla
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Chickenzilla@users.noreply.github.com>)
- [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=christian@chwe.at>)
- [Cristian Pop
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=CIPop@users.noreply.github.com>)
- [Daniel Plaisted (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dsplaisted@gmail.com>)
- [David Sherret (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dsherret@gmail.com>)
- [David Zucker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=davzucky@hotmail.com>)
- [Dmitri-Botcharnikov
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dmitry.b@samsung.com>)
- [Dmitry-Me (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=wipedout@yandex.ru>)
- [Dylan Borg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=borgdylan@hotmail.com>)
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- [Eric Eilebrecht (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericeil@microsoft.com>)
- [Eric StJohn (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericstj@microsoft.com>)
- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=e.pavlov@samsung.com>)
- [Evgeny Pavlov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=lucenticus@gmail.com>)
- [Gene Lee (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=gelee@microsoft.com>)
- [Hyeongseok Oh (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=hseok82.oh@samsung.com>)
- [Immo Landwerth (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=immol@microsoft.com>)
- [Jason Pang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jasonpa@microsoft.com>)
- [Josh Free
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=joshfree@users.noreply.github.com>)
-
- [Jostein Kjnigsen (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jostein@kjonigsen.net>)
- [Julien (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jcouv@users.noreply.github.com>)
- [Koundinya Veluri (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=kouvel@microsoft.com>)
- [Maira Wenzel
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mairaw@users.noreply.github.com>)
- [Marek (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=GitHub@marekfiser.cz>)
- [Mark Junker (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=fubar-coder@users.noreply.github.com>)
- [Oren Novotny (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=oren@novotny.org>)
- [Peter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=necmon@yahoo.com>)
- [Peter Jas (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=necmon@yahoo.com>)
- [R. Fontenot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=robwobol@gmail.com>)
-
- [Rainer Sigwald (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=raines@microsoft.com>)
- [Rama Krishnan Raghupathy
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=ramarag@microsoft.com>)
- [Rich Lander (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=rlander@microsoft.com>)
- [Russ Keldorph
- (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=Russ.Keldorph@microsoft.com>)
- [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sahie.park@samsung.com>)
- [Shahriar Gholami (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=shrgholami@gmail.com>)
- [Stephen Bonikowsky

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=stebon@microsoft.com>)

- [Steve Harter

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=steveharter@users.noreply.github.com>)

- [Tanner Gooding (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tagoo@microsoft.com>)
-
- [Tarekm Mahmoud Sayed

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=tarekms@microsoft.com>)

- [VSadov (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=vsadov@microsoft.com>)
- [Wes Haggard

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=weshaggard@users.noreply.github.com>)

- [Yi Zhang (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=yzha@microsoft.com>)
- [Yongseop Kim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=yons.kim@samsung.com>)
- [alkurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=alkurian@microsoft.com>)
- [alphonsekurian (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=alphonsekurian@icloud.com>)
- [dotnet bot (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=dotnet-bot@microsoft.com>)
- [huanwu@microsoft.com

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=huanwu@microsoft.com>)

-
- [jarenduan (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=jarenduan@gmail.com>)
- [mkborg (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mkborg@users.noreply.github.com>)
- [mlacouture (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=mlacouture@msn.com>)
- [sichbo (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=simon@sichbo.ca>)
- [sjsujinkim (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sjsujin.kim@samsung.com>)
- [steveharter (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=sharter@microsoft.com>)
- [sxmichael (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=michael@senexx.com>)
- [yfakariya (1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=yfakariya@gmail.com>)
- [Aditya Mandaleeka

(1)](<https://github.com/dotnet/corefx/commits/release/1.1.0?author=adityam@microsoft.com>)

WCF

-
- [Stephen Bonikowsky (59)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=stebon@microsoft.com>)
- [Ron Cain (48)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=roncain@microsoft.com>)
- [Jason Pang (42)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=jasonpa@microsoft.com>)
- [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>)
- [Zhenlan Wang (5)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=zhenlwa@microsoft.com>)
- [Jason Pang

(4)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=iamjasonp@users.noreply.github.com>)

- [Eric Mellino (2)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=erme@microsoft.com>)
- [Matt (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=mconnew@microsoft.com>)
-
- [Joel Hendrix (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=jhendrix@microsoft.com>)
- [Barry Dorrans (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=Barry.Dorrans@microsoft.com>)
- [Matt Ellis (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=matell@microsoft.com>)
- [Wes Haggard (1)](<https://github.com/dotnet/wcf/commits/release/1.1.0?author=Wes.Haggard@microsoft.com>)

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 Lorbetske (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>)
- * [Ashley Hauck (4)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com>)
- *
- * [Kevin Ransom (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com>)
- * [Steve Sanderson (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com>)
- * [Mikkel Nylander Bundgaard (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com>)
- * [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)
- * [Ankit Mishra (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com>)
- * [Ashish Jain (NUGET) (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com>)
- * [Matt Ellis (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com>)
- * [Nat Ayewah (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com>)
- * [Nikolche Kolev (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolev@microsoft.com>)
- * [faahmad (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32>)
- *

[jonsequitur (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com>)
 * [Mardox (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mardox@gmail.com>)
 * [SaeHie Park (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=sahie.park@samsung.com>)
 * [Kevin Ransom (msft)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutt.fsharp@hotmail.com>)
 * [James Lanng (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=james@jltc.co.uk>)
 * [William Lee (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=xingmu33@gmail.com>)
 * [Faizan2304 (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=faizan2304@hotmail.com>)
 * [Zbynk Sailer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com>)
 * [Arun Mahapatra (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com>)
 *
 [Matt Mitchell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitch@microsoft.com>)
 * [Omair Majid (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com>)

CoreCLR

* [Brian Robbins (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)
 * [wtgodbe (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)
 * [Steve MacLean, Qualcomm Datacenter Technologies, Inc](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
 * [Jan Kotas (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com>)
 * [Pat Gavlin (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com>)
 * [Mike McLaughlin (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)
 * [Pat Gavlin (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)
 *
 [Sergey Andreenko (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)
 * [jashook (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)
 * [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)
 * [Jonghyun Park (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com>)
 * [Mukul Sabharwal (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)
 * [Drew Scoggins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)
 * [Tarek Mahmoud Sayed](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)
 * [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)
 * [Wes Haggard](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
 * [Joseph Tremoulet (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com>)
 *
 [Jan Vorlicek (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)
 * [Koundinya Veluri (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com>)
 * [Alex Ghiondea](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)
 * [Davis Goodin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com>)
 * [Drew Scoggins (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)
 * [Gaurav Khanna (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)
 * [Jeremy Kuhne](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)
 * [Justin Van Patten (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

- * [Stephen Toub (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com>)
- *
- [Steve MacLean
- (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)
- * [Sujin Kim (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)
- * [Sean Gillespie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)
- * [Sepideh Khoshnood (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekho@microsoft.com>)
- * [Michelle McDaniel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaida@gmail.com>)
- * [Atsushi Kanamori (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com>)
- * [mskvortsov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)
- * [Krzysztof Wicher
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mordotymoja@gmail.com>)
- * [Andy Ayers (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com>)
- *
- [Karthik Rajasekaran (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com>)
- * [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)
- * [Jose Perez Rodriguez
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com>)
- * [Viktor Hofer (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- * [Jarret Shook (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)
- * [Igor Kulaychuk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)
- * [Xiangyang (Mark) Guo
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- * [chunseoklee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)
- * [Daniel Podder (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)
- *
- [Morgan Brown
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)
- * [Russell Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)
- * [Sebastian Lauber
- (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com>)

CoreFX

- * [Stephen Toub (98)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- * [Hugh Bellamy (36)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com>)
- * [Viktor Hofer (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
- * [Eric St. John (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [Dan Moseley (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
- * [Atsushi Kanamori
- (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)
- *
- [Wes Haggard (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com>)
- * [Jeremy Barton (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)
- * [Santiago Fernandez Madero
- (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)
- * [Atsushi Kanamori
- (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

* [Lakshmi Priya Sekar
(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com>)

* [Shin Mao (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)

* [Jeremy Kuhne
(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

* [Morgan Brown
(7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com>)

* [Cory Rivera (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

*

[Sepideh Khoshnood (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Santiago Fernandez (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saferrn@microsoft.com>)

* [Saurabh Singh
(7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

* [Krzysztof Wicher (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com>)

* [Eric Mellino (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)

* [Eric StJohn (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)

* [Vance Morrison
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

* [Geoff Kizer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [Tarek Mahmoud Sayed
(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

*

[Krzysztof Wicher (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)

* [Ian Hays (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)

* [Matt Ellis (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

* [Cristian Pop (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

* [Frdric Ringenbach (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com>)

* [Jiayi Li (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

* [Jose Perez Rodriguez
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)

* [Liudmila Molkova
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)

* [Matt Galbraith (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)

*

[Matt Mitchell (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com>)

* [Jiyoung Yun (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

* [Alex Ghiondea
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

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

* [Wes Haggard
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

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

* [Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

* [Lakshmi Priya Sekar
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

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

*

[Koundinya Veluri (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

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

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

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

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

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

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

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

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

*

[Vladyslav (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com>)

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

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

* [Justin Van Patten (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)

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

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

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

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

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

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

*

[Robert Anderson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

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

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

* [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

* [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>)

* [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>)

* [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 Lorbetske (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>)

*

[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>)

* [Davis Goodin (3)](<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>)

* [Enrico Sada (3)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io>)

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

* [Anoop John Bandi (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=aaajohn@microsoft.com>)

*

[Chris Rummel (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)

* [Nate McMaster (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nate.mcmaster@microsoft.com>)

* [Scott Hanselman (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=scott@hanselman.com>)

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

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

* [Jiyoung Yun (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jy910.yun@samsung.com>)

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

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

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

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

*

[Petr Onderka (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=gs Vick@gmail.com>)

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

* [Daniel Lo Nigro (2)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=daniel@dan.cx>)

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

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

* [Ryan Stelly (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com>)

* [Jrmie Galarneau (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com>)

- * [Jrgen Pfeifer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de>)
- * [Ken Dale (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com>)
- * [Kyu Choi (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com>)
- *
- [Falco (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com>)
- * [Martin Andreas Ullrich (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)
- * [Eric Mellino (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=erme@microsoft.com>)
- * [Matt Galbraith (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)
- * [MichaelSimons (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com>)
- * [Dustin Campbell (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org>)
- * [Nikolaj Jrgensen (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk>)
- * [Pranav K (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com>)
- * [Rainer Sigwald (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com>)
- *
- [Rakesh Ranjan Singh (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com>)
- * [Ravi Eda (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com>)
- * [Ravi Mandal (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com>)
- * [Rich Lander (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com>)
- * [Rikard Johansson (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com>)
- * [Roger (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com>)
- * [Chris R (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com>)
- * [Axel Heer (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu>)
- * [Scott Addie (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com>)
- * [Steve Desmond (1)](<https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca>)
- *
- [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>)
- *
- [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>)

* [SaeHie Park (42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com>)

*

[Sergey Andreenko
(42)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com>)

* [Jan Vorlicek (41)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com>)

* [Aditya Mandaleeka
(40)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com>)

* [Michelle McDaniel (39)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaaida@gmail.com>)

* [Hyeongseok Oh
(38)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

* [Steve MacLean, Qualcomm Datacenter Technologies, Inc
(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>)

* [dotnet
bot (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dotnet-bot@dotnetfoundation.org>)

* [Carol Eidt (31)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com>)

* [Sean Gillespie (30)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me>)

* [Gaurav Khanna (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com>)

* [Justin Van Patten (29)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com>)

* [James Ko (28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com>)

* [Tarek Mahmoud Sayed
(28)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com>)

* [Christopher Costa (27)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

* [Mikhail Skvortcov
(26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com>)

* [Atsushi
Kanamori
(26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)

* [sivarv (26)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com>)

* [Ben Adams (25)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk>)

* [Alex Perovich (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com>)

* [Dan Moseley (24)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com>)

* [jashook (21)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com>)

* [Frederik Carlier
(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

* [Steve MacLean
(20)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

* [Hyung-Kyu Choi
(19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

* [Brian
Sullivan (19)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com>)

* [Evgeny Pavlov (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com>)

* [Jeremy Kuhne
(17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)

* [Drew Scoggins (17)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com>)

* [Mike McLaughlin (16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com>)

* [Michal Strehovsk
(16)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

* [John Chen (15)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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

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

* [ahsonkhan (12)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com)

* [Ahson Ahmed Khan
(12)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [Dmitry-Me (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com>)

* [Stephen A. Imhoff (11)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com>)

* [Tanner Gooding (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com>)

* [Swaroop Sridhar
(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com>)

* [Hanjoung Lee (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com>)

* [Hyung-Kyu Choi
(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

*
[Ian Hays (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com>)

* [Igor Kulaychuk
(10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com>)

* [Li Tian (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com>)

* [Pat Gavlin (10)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com>)

* [Jim Ma (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazong1123@gmail.com>)

* [William Godbe (9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com>)

* [Alexander Radchenko
(9)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

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

* [ragmani (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com>)

* [Eric
Mellino (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com>)

* [Matt Mitchell (8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitche@microsoft.com>)

* [Davis Goodin
(8)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

* [Alexander Soldatov
(7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com>)

* [Faizur Rahman (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com>)

* [Hyeongseok Oh
(7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

* [Matt Ellis (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com>)

* [Vance Morrison (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com>)

* [Sujin Kim (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com>)

* [Jon Hanna (7)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net>)

*

[Eric Erhardt (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

* [SaeHie Park (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sahie.park@samsung.com>)

* [Rich Lander (6)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rlander@microsoft.com>)

* [Jos Rivero (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

* [Yi Zhang (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com>)

* [John Chen (CLR) (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com>)

* [Swaroop Sridhar (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com>)

* [Karel Zikmund (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com>)

* [Matt Warren (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk>)

*

[Peter Marcu (5)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com>)

* [Yongseop Kim (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com>)

* [Daniel Podder (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com>)

* [Adam Sitnik (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com>)

* [Maoni Stephens (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com>)

* [Hugh Bellamy (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellars@gmail.com>)

* [Mandar Sahasrabudde (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

* [Sven Boemer (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sbomer@gmail.com>)

* [Buyduck (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com>)

*

[noahfalk (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com>)

* [Aditya Mandaleeka (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com>)

* [Brian Robbins (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com>)

* [Tanner Gooding (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com>)

* [LaSombra (4)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com>)

* [Omar Tawfik (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com>)

* [Evgeny Pavlov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com>)

* [chunseoklee (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com>)

* [Julien Couvreur (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

* [Cyd Haselton (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com>)

* [Austin Wise (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com>)

* [Vance Morrison (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net>)

* [Jiyoung Giuliana Yun (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com>)

* [Sedar Gokbulut (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com>)

* [Sean Gillespie (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com>)

* [Sasha Semennikov (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com>)

* [Felipe Fujiy Pessoto (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

* [Ilya (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com>)

*

[Ravi Eda (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com>)

* [Peter Kukol (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com>)

* [Petr Onderka (3)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gsvick@gmail.com>)

* [Jeff Schwartz (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeffschw@microsoft.com>)

* [mskvortsov (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

* [Dmitry (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com>)

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

* [Santiago Fernandez Madero (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safarn@microsoft.com>)

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[Phil Christensen (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com>)

* [Dmitry-Me (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru>)

* [Fei Peng (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com>)

* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com>)

* [Mukul Sabharwal (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=muks@microsoft.com>)

* [Roman Artemev (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com>)

* [Smile Wei (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)

* [Rion Williams (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com>)

* [Omair Majid (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com>)

*

[Bruce Bowyer-Smyth (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

* [Eric St. John (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com>)

* [303248153 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=303248153@qq.com>)

* [varocarbas (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=contact@customsolvers.com>)

* [Paul Westcott (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=p.westcott@gmail.com>)

* [Luis G (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lggomez@users.noreply.github.com>)

* [Maoni0 (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maonis@microsoft.com>)

* [Andrey Akinshin (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andrey.akinshin@gmail.com>)

* [Rama krishnan Raghupathy (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com>)

*

[kvochko (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=a.kvochko@samsung.com>)

* [Daniel Podder (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dpodder@gmail.com>)

* [Alex Ghiondea
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

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

* [ahsonkhan
(2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [chcosta (2)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com>)

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

* [Adeel Mujahid (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com>)

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

*

[Alexandre Mutel (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com)

* [Andrey Kvochko
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com>)

* [Ben Monroe
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendono@users.noreply.github.com>)

* [Caio Kinelski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-cakine@microsoft.com>)

* [Cesar Blum Silveira (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cesarbs@gmail.com>)

* [Christoph Neumüller
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=c.neumueller@gmail.com>)

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

* [Daniel Cazzulino (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel@cazzulino.com>)

* [Derek Beattie (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=derek.beattie@gmail.com>)

*

[Dmitri-Botcharnikov
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dmitry.b@samsung.com>)

* [Erti-Chris Eelmaa (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com>)

* [Eugene Rozenfeld (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com>)

* [Fadi Hanna (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fadim@microsoft.com>)

* [Greg G (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=6A@users.noreply.github.com>)

* [Gustavo Hurovich (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t-guhuro@microsoft.com>)

* [Hadi Brais (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hadi.b@live.com>)

* [Han Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com>)

* [Hanjong Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hanjong.lee@samsung.com>)

* [Ilya Ivanov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com>)

*

[Ionut Tamas (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com)

* [Ivan Baravy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com>)

* [John Bottenberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com>)

* [John Gorter (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com>)

* [John Soklaski (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com>)

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

* [Joseph Tremoulet (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com>)

* [Jos Rivero (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com>)

* [Jrgen Htzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info>)

*

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

* [Maarten Mensink
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl>)

* [Marek Linka
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com>)

* [Martijn Hoekstra
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxs.com>)

* [Matt Galbraith
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

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

* [Matthew Parkinson
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

* [Michael Letterle
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com>)

* [Michal Strehovsk (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com>)

*

[Mikhael Skvortsov
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhael.skvortsov@gmail.com>)

* [Mikhail Filippov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me>)

* [Nicol Carandini
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com>)

* [Ofer Zelig
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com>)

* [Olof Olsson
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com>)

* [Omar Tawfik (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com>)

* [Per Lundberg (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com>)

* [Peter Smulovics
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com>)

* [Rew (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com>)

*

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

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

* [Roger (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com>)

* [Roman Shchekin (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtros@gmail.com>)

* [Russ Keldorph
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com>)

* [Russell C Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Russell C. Hadley (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com>)

* [Simon Nattress (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com>)

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

*

[Steve Desmond (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com>)

* [Steve MacLean, Qualcomm Datacenter Technologies Inc
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com>)

* [Thiago Camargos Lopes
(1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com>)

- * [Tom Deseyn (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com>)
- * [Toni Solarin-Sodara (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com>)
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- * [Vinicius Martins (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com>)
- * [Xiangyang (Mark) Guo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- * [Yuriy Solodkyy (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com>)
- * [Zverev Eugene (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com>)
- * [cod7alex (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com>)
- * [darxis (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com>)
- * [dasMulli (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com>)
- * [dnickless (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net>)
- * [giuliohome (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com>)
- * [helloguo (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com>)
- * [ikopylov (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com>)
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- * [kchoi (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com>)
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- * [rahul (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com>)
- * [smile21prc (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com>)
- * [vkvenkat (1)](<https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com>)

CoreFX

- * [Stephen Toub (535)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com>)
- * [Jon Hanna (344)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net>)
- * [Eric St. John (285)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com>)
- * [Eric Mellino (167)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com>)
- * [Jose Perez Rodriguez (116)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com>)
- * [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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 [Ian Hays (90)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com>)
 * [Santiago Fernandez Madero
 (88)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)
 * [Jan Kotas (80)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com>)
 * [Anthony Langsworth
 (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com>)
 * [chcosta (78)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
 * [Dan Moseley (73)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
 * [sepidMS (59)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)
 * [Liudmila Molkova
 (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com>)
 * [Alex Perovich (58)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com>)
 * [Tarek Mahmoud
 Sayed (56)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)
 * [Krzysztof Wicher (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com>)
 * [Karel Zikmund
 (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com>)
 * [Jeremy Kuhne
 (52)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com>)
 * [Jeremy Barton (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com>)
 * [Justin Van Patten (51)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com>)
 * [Shin Mao (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com>)
 * [danmosemsft (47)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com>)
 * [Geoff Kizer (34)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com>)
 * [Stephen A. Imhoff (32)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com>)
 *
 [Viktor Hofer (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com>)
 * [Matt Galbraith (31)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com>)
 * [Karthik Rajasekaran
 (30)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com>)
 * [Alex Ghiondea
 (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com>)
 * [Matt Mitchell (28)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitch@microsoft.com>)
 * [Bart J.F. De Smet
 (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com>)
 * [David Shulman
 (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com>)
 * [Davis Goodin (26)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com>)
 * [Atsushi Kanamori
 (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com>)
 * [Steve Harter
 (24)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com>)
 * [Christopher Costa (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com>)
 * [Steve Harter (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com>)
 * [Frederik Carlier
 (21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi>)

* [Alexander Radchenko
(21)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com>)

* [Sedar Gokbulut (20)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com>)

* [Ahson Ahmed Khan
(19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com>)

* [Rahul Kumar (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com>)

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[Wes Haggard
(19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com>)

* [dotnet-bot (19)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dotnet-bot@microsoft.com>)

* [Saurabh Singh
(17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com>)

* [Tijoy Tom Kalathiparambil
(17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com>)

* [Gaurav Khanna (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com>)

* [Marek Safar (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com>)

* [Koundinya Veluri (17)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com>)

* [Tanner Gooding (16)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com>)

* [Hyeongseok Oh
(15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

*

[qizhanMS (15)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com>)

* [Will Dean (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk)

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

* [Saurabh Singh (14)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com>)

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

* [Dennis "D.C." Dietrich
(13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com>)

* [Stanislav Ushakov (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com>)

* [Immo Landwerth (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com>)

* [David Wright (13)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com>)

*

[Huangli Wu (12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com>)

* [Atsushi Kanamori
(12)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com>)

* [tintoy (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

* [Daniel Harvey (11)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com>)

* [Karel Zikmund (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com>)

* [Hyung-Kyu Choi
(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com>)

* [Eric Eilebrecht (10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com>)

* [Tarekm Mahmoud Sayed
(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com>)

* [Tom Matouek
(10)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com>)

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[Matt Galbraith
(9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com>)

* [Matt Ellis (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com>)

* [Cristian Pop (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com>)

* [Viktor Hofer (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com>)

* [Pavel Maltsev (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com>)

* [Sepideh Khoshnood (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Jiyoung Yun (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com>)

* [Santiago Fernandez (9)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safarn@microsoft.com>)

* [Drew Scoggins (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com>)

* [chunseoklee
(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

* [Rich Lander (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com>)

* [Cory Rivera (8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com>)

* [Mandar Sahasrabuddhe
(8)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com>)

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

* [Petr Onderka (7)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com>)

* [MichaelSimons (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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[Gene Lee (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com>)

* [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>)

* [Vance Morrison
(6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net>)

* [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>)

* [WinCPP (6)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com>)

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

* [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>)

* [Davis Goodin
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com>)

* [chunseok lee (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com>)

* [Anton Lapounov
(5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com>)

* [John Chen (CLR) (5)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com>)

* [Jay Simmons (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com>)

*

[the-dwyer (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com>)

* [Adam Friedman

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com>)

* [Jiayi Li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

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

* [Julien Couvreur

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com>)

* [cydhaselton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com>)

* [cod7alex (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com>)

* [Carol Wang (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com>)

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

* [Hyeongseok Oh

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com>)

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[Tom Deseyn (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com>)

* [Darren Hoehna (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com>)

* [David Wrighton (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com>)

* [Nick Guerrero (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com>)

* [Egor Bogatov (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

* [Robert Anderson

(4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com>)

* [Eric Erhardt (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com>)

* [stone-li (4)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com>)

* [AlexGhiondea

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com>)

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[Ludovic Henry (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com>)

* [Jason Sturges (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com>)

* [Bruce Bowyer-Smyth

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au>)

* [Brian O'Neill (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com>)

* [Jim Carley (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com>)

* [Cristian Pop

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com>)

* [Peter Marcu (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com>)

* [Jesper Larsen-Ledet (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk>)

* [Stephen Cleary

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net>)

*

[v-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01>)

* [Evgeny Pavlov (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com>)

* [David Wright (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com>)

* [Stanislav Ushakov

(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com>)

* [Nate Amundson (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com>)

* [Smile Wei (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com>)

* [safern (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN>)

* [Faizur Rahman (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com>)

* [Paul Harrington (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com>)

* [geoffkizer
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [FAREASTv-lijiay (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com>)

* [SepidehMS (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com>)

* [Peter (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS>)

* [EgorBo (3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com>)

* [Lakshmi Priya Sekar
(3)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com>)

* [Koundinya Veluri
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com>)

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

* [cydhaselton (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal>)

* [Radka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavectra@gmail.com>)

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

* [Viacheslav Ivanov
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com>)

* [Ale Contenti (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com>)

* [mikedn (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com>)

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

* [Nikita Nuka (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com>)

* [Immo Landwerth (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net>)

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

* [Martn Coll (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com>)

*

[ahsonkhan (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_ahmedk@yahoo.com)

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

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

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

* [Austin Wise (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com>)

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

* [Caesar Chen (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com>)

* [Michal Strehovsk
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com>)

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

* [Felipe
Pessoto (2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com>)

* [Hyung-Kyu Choi
(2)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=hqueue@users.noreply.github.com>)

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

* [Alaa Masoud (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com>)

* [Alexander Kplinger
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alex.koeplinger@outlook.com>)

* [Alexandre Mutel

(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexandre_mutel@live.com)

* [Alexis Christoforides (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexis@thenull.net>)

* [Alexis Nowikowski

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com>)

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

* [Andrey Kurdyumov

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kant2002@gmail.com>)

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

* [Benjamin Bartels

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartels.benjamin@tutanota.de>)

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

* [Brandon Everett (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=bme2010@gmail.com>)

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

* [Caesar Chen

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=schen381@users.noreply.github.com>)

* [Caio Cesar Saldanha Maia Orejuela Kinelski

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=t-cakine@microsoft.com>)

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

* [Cesar Blum

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

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

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

* [Craig Johnson (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=craigjohnson@outlook.com>)

* [Derek Gray (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dgray90@live.com>)

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

* [Fitzchak Yitzchaki (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fitzchak@ayende.com>)

* [Fredrik Histher Rasch

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=fredrik.rasch@gmail.com>)

* [Geoffrey Kizer (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek>)

* [Greg Ingram (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=shaggygi97@gmail.com>)

*

[Gregory Bell (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=gregoryscottbell@gmail.com>)

* [Ivan Kishchenko (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kishchenko@viva64.com>)

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

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

* [Jiang Zeng (Pactera Technologies Inc) (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-jiazen@microsoft.com>)

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

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

* [Jonathan Mezach

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

* [Jorge J. de la Fuente

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=dev.jdelafuente@gmail.com>)

*

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

* [Josh Free

(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com>)

* [Kevin Jones (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=kevin@vcsjones.com>)

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

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

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

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

* [Marius Ungureanu (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com>)

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

*

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

* [Martin Scholz
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com>)

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

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

* [Matthew Parkinson
(1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com>)

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

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

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

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

*

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

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

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

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

* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com>)

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

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

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

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

*

[Adam Friedman (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io>)

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

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

* [SaeHie Park (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sahie.park@samsung.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com>)

* [Sean Gillespie (1)](<https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me>)

* [Sergio Parra Guerra
(1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com)

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

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

WCF

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

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

Contributions to .NET Core 2.1

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

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

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

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

CLI

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

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

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

*

[kasper (5)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

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

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

* [kasper3 (4)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com>)

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

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

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

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

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

*

[Maira Wenzel (3)](<https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mairaw@microsoft.com>)

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

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

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

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

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

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

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- * [Andy Ayers (32)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=andya@microsoft.com>)
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- (23)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)

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(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>)

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(15)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=k.baladurin@partner.samsung.com>)

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* [mikedn (14)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=onemihaid@hotmail.com>)

* [Jeremy Kuhne
(14)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jeremy.kuhne@microsoft.com>)

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(11)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=tarekms@microsoft.com>)

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(10)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=noahfalk@users.noreply.github.com>)

* [JC Aguilera (9)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=juanam@microsoft.com>)

* [Maryam Ariyan
(9)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=maryam.ariyan@microsoft.com>)

* [Atsushi Kanamori
(8)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=AtsushiKan@users.noreply.github.com>)

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

* [Luqun Lou (7)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=luqunl@users.noreply.github.com>)

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* [Petar Petrov (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=petarpetrov@gmail.com>)

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* [Daniel Harvey (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=dharvey@microsoft.com>)

* [Conrad Meyer (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=cse.cem@gmail.com>)

* [Colin Green (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=colin.green1@gmail.com>)

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(1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=chunseoklee@naver.com>)
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- * [danmosemsft (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=danmose@microsoft.com>)
- * [Andrew Marino (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=aymarino@umich.edu>)
- * [Maira Wenzel (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=mairaw@microsoft.com>)
- * [Marek Safar (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=marek.safar@gmail.com>)
- * [Martin Andersen
(1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=martin.andersen@outlook.com>)
- * [Kyungwoo Lee (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=kyulee@microsoft.com>)
- * [Alfred Myers (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=git@alfredmyers.com>)
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(1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=ateoi@users.noreply.github.com>)
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- * [Jiri {x2} Cincura (1)](<https://github.com/dotnet/coreclr/commits/release/2.1?author=jiri@cincura.net>)

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(74)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)
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- * [Dan Moseley (57)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)
- * [Maryam Ariyan
(45)](<https://github.com/dotnet/corefx/commits/release/2.1?author=maryam.ariyan@microsoft.com>)
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- * [Paulo Janotti (41)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pauloja@microsoft.com>)
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(37)](<https://github.com/dotnet/corefx/commits/release/2.1?author=radchenkosasha@gmail.com>)
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- * [Atsushi Kanamori
(34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=AtsushiKan@users.noreply.github.com>)

* [Viktor Hofer (34)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@microsoft.com>)

* [Lakshmi Priya Sekar (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lasekar@microsoft.com>)

* [Marco Rossignoli (33)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com>)

* [Tarek Mahmoud Sayed (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tarekms@microsoft.com>)

* [ntr (31)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ntr@ihfood.dk>)

* [Tom Deseyn (26)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tom.deseyn@gmail.com>)

* [Caesar Chen (25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=caesar1995@users.noreply.github.com>)

*

[Santiago Fernandez Madero (25)](<https://github.com/dotnet/corefx/commits/release/2.1?author=saferrn@microsoft.com>)

* [Max Kerr (24)](<https://github.com/dotnet/corefx/commits/release/2.1?author=rnkerr@users.noreply.github.com>)

* [Pavel Krymets (22)](<https://github.com/dotnet/corefx/commits/release/2.1?author=pavel@krymets.com>)

* [Ian Hays (19)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ianha@microsoft.com>)

* [Saurabh Singh (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=saurabh500@users.noreply.github.com>)

* [Jose Perez Rodriguez (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joperezr@microsoft.com>)

* [Brian Robbins (17)](<https://github.com/dotnet/corefx/commits/release/2.1?author=brianrob@microsoft.com>)

* [Alex Perovich (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=alperovi@microsoft.com>)

* [Eric Erhardt (16)](<https://github.com/dotnet/corefx/commits/release/2.1?author=eric.erhardt@microsoft.com>)

*

[Matt Galbraith (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mattgal@microsoft.com>)

* [Jan Vorlicek (15)](<https://github.com/dotnet/corefx/commits/release/2.1?author=janvorli@microsoft.com>)

* [Michal Strehovsk (14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com>)

* [Huangli Wu (14)](<https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com>)

* [ahsonkhan (13)](https://github.com/dotnet/corefx/commits/release/2.1?author=ahson_ahmedk@yahoo.com)

* [Xing Mao (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

* [Karel Zikmund (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=karelz@microsoft.com>)

* [Krzysztof Wicher (12)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mordotymoja@gmail.com>)

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

*

[Viktor Hofer (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@outlook.com>)

* [Steve MacLean (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com>)

* [Matt Mitchell (11)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mmitch@microsoft.com>)

* [Tanner Gooding (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tagoo@outlook.com>)

* [wtgodbe (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

* [Wes Haggard (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=weshaggard@users.noreply.github.com>)

* [David Shulman (10)](<https://github.com/dotnet/corefx/commits/release/2.1?author=david.shulman@microsoft.com>)

* [Jiayi Yu (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=14067510+yujayee@users.noreply.github.com>)

* [David Fowler (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidfowl@gmail.com>)

* [Tom Matouek (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tmat@users.noreply.github.com>)

* [Koundinya Veluri (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kouvel@users.noreply.github.com>)

* [Levi Broderick (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com>)

* [Gene Lee (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gelee@microsoft.com>)

* [Geoff Kizer (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek@microsoft.com>)

* [Tim Seaward (9)](<https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com>)

* [William Godbe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com>)

* [John Doe (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=github.john.doe@outlook.com>)

* [Levi Broderick (8)](<https://github.com/dotnet/corefx/commits/release/2.1?author=levib@microsoft.com>)

* [Sung Yoon Whang (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=suwhang@microsoft.com>)

*

[Konst Khurin (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kkhurin@microsoft.com>)

* [Omar Tawfik (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=OmarTawfik@users.noreply.github.com>)

* [kasper3 (7)](<https://github.com/dotnet/corefx/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com>)

* [Josh Free (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=joshfree@users.noreply.github.com>)

* [Keerat Singh (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-kesin@microsoft.com>)

* [Ayende Rahien (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Ayende@ayende.com>)

* [Eric StJohn (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com>)

* [Shin Mao (6)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com>)

* [Cory Rivera (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=corivera@microsoft.com>)

*

[Fei Peng (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fei.peng@intel.com>)

* [Gnther Foidl (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gue@korporal.at>)

* [Marek Safar (5)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marek.safar@gmail.com>)

* [Stefan Nikolei (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stefan@nikolei.eu>)

* [Davis Goodin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@users.noreply.github.com>)

* [Davis Goodin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@microsoft.com>)

* [Matt Galbraith (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=MattGal@users.noreply.github.com>)

* [Tomas Matousek (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tomat@microsoft.com>)

* [Mike McLaughlin (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mikem@microsoft.com>)

* [JC Aguilera (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)

*

[Eugene Rozenfeld (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=erozen@microsoft.com>)

* [Simon Nattress (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nattress@gmail.com>)

* [TylerBrinkley (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Tydude4Christ@hotmail.com>)

* [Vance Morrison (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vancem@microsoft.com>)

* [Victor Zaytsev (4)](<https://github.com/dotnet/corefx/commits/release/2.1?author=allisq3@gmail.com>)

* [Alexander Gusarov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=agusarov@mirantis.com>)

* [Joshua Clark (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=clarkis117@live.com>)

* [vsadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

* [Vladimir Sadov (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vsadov@microsoft.com>)

*
 [Anipik (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com>)
 * [Ahson Ahmed Khan
 (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ahsonkhan@users.noreply.github.com>)
 * [danmosemsft (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com>)
 * [Joel Braun (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Joelbraun@outlook.com>)
 * [Petr Onderka (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=gsvick@gmail.com>)
 * [Juan Carlos Aguilera Mendez
 (3)](<https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com>)
 * [Pent Ploompuu (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=kaalikas@gmail.com>)
 * [Adrian Godong (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adrian.godong@gmail.com>)
 * [Andon Andonov (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anandono@microsoft.com>)
 * [Andy Ayers
 (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andya@microsoft.com>)
 * [Jon Fortescue (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jofortes@microsoft.com>)
 * [Jonathan Dickinson
 (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jcdickinson@users.noreply.github.com>)
 * [Jos Rivero (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jorive@microsoft.com>)
 * [Liudmila Molkova (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=lmolkova@microsoft.com>)
 * [Mandar Sahasrabuddhe
 (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=WinCPP@users.noreply.github.com>)
 * [Martin Baulig (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mabaul@microsoft.com>)
 * [Matt Connew (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mconnew@microsoft.com>)
 * [Oswald Maskens (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ozie@live.be>)
 * [Adam Sitnik (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=adam.sitnik@gmail.com>)
 *
 [Saurabh Singh (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sausing@microsoft.com>)
 * [Stano Peko (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=stano@stanopetko.eu>)
 * [Sbastien Ros (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=sebastienros@gmail.com>)
 * [Tomas Weinfurt (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=toweinfurt@microsoft.com>)
 * [Ubuntu
 (2)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)
 * [Luqun Lou (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=luqunl@users.noreply.github.com>)
 * [Marco Rossignoli
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdsxkehmdivj0oonl4vg.ax.internal.cloudapp.net>)
 * [John Rosewicz (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=john.rosewicz@gmail.com>)
 * [MarcoRossignoli
 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com>)
 * [John Bottenberg (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jobotten@microsoft.com>)
 * [mazong1123 (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mazong1123@gmail.com>)
 * [Jlalong (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jjlalonge@gmail.com>)
 * [mikedn (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=onemihaid@hotmail.com>)
 * [JimboWei (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=v-wjiang@microsoft.com>)
 * [Jeff Cyr (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jeff.cyr.github@gmail.com>)
 * [Jason Shirk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=jason@truewheels.net>)
 * [Matt White (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=mattpwhite@gmail.com>)

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

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

* [Michal Strehovsk (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=michals@microsoft.com>)

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

* [Jacek Blaszczyński
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=biosciencenow@outlook.com>)

* [Nobuyuki Iwanaga (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=ufcpp@live.jp>)

* [Omair Majid (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=omajid@redhat.com>)

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

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

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

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

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

* [Alexander (1)](https://github.com/dotnet/corefx/commits/release/2.1?author=SenSay_2007@mail.ru)

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

* [PeterChen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=peter3598768@gmail.com>)

* [Frederik Carlier
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frederik.carlier@quamotion.mobi>)

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

* [Raul Hidalgo Caballero
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=raul.hidalgo.sopa@gmail.com>)

* [Rew (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=Rew017@hotmail.com>)

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

*
[Robert Matuszewicz
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=robert.matuszewicz@newvoicemedia.com>)

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

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

* [Frans Bouma (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=frans@sd.nl>)

* [Filip S. Adamsen (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=fsa@askcody.dk>)

* [strajkovmsft
(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=35152474+strajkovmsft@users.noreply.github.com>)

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

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

* [Faizur Rahman (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=shrah@microsoft.com>)

*
[Erwin Oegema (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=blablaechthema@hotmail.com>)

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

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

* [Ducki

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=148378+Ducki@users.noreply.github.com>)

* [Steve Lee (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=slee@microsoft.com>)

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

* [Douglas-Cleghorn

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=douglas@readinghorizons.com>)

* [Szabolcs Dzsi

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

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

*

[t-jekor (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=t-jekor@microsoft.com>)

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

* [Diego Vega (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=diego.vega@microsoft.com>)

* [Taylor Southwick (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tasou@microsoft.com>)

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

* [David Wrighton (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=davidwr@microsoft.com>)

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

* [Daniel Henry (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=daniel.henry@epiforge.com>)

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

* [Dan Friedman

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

*

[Christopher Costa (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=chcosta@microsoft.com>)

* [Tyler Brinkley (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=tydude4christ@hotmail.com>)

* [Christian Weiss (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=christian@chwe.at>)

* [Alex Ghiondea

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

* [Chris Rummel (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=crummel@microsoft.com>)

* [Vasiliy Novikov

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vasiliy.novikov@outlook.com>)

* [Victor "Nate" Graf (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=nategraf1@gmail.com>)

* [Victor Nate Graf (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=vigraf@microsoft.com>)

* [Cesar Soares Lucas (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=disoares@microsoft.com>)

*

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

* [Bernhard Urban

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=bernhard.urban@xamarin.com>)

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

* [Artyom Karpov (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru>)

* [Anton Lapounov

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=anton.lapounov@microsoft.com>)

* [Andreas Heider (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andreas@heider.io>)

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

* [Andon Andonov

(1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=andon.andonov@microsoft.com>)

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

* [Zhukov Maxim (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=my.fsou1@gmail.com>)

*

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

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

* [artkpv (1)](<https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru>)

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* [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>)

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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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1.58 microsoft.csharp 4.7.0

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- <https://opensource.stackexchange.com/questions/1717/why-is-cc-by-sa-discouraged-for-code>
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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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<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
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  </PropertyGroup>
  <ItemGroup>
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    <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
  </ItemGroup>
  <ItemGroup>
    <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
    <ProjectReference Include="$(TestLibraryProjectPath)" />
  </ItemGroup>
</Project>
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.3.1, January 22nd, 2024

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

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Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

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Joseph Reagle <site-policy@w3.org>

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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

seander@cs.stanford.edu

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1.61 microsoft.identitymodel.logging 6.29.0

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1.62 system.threading.tasks.extensions 4.5.1

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1.63 system.memory 4.5.4

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References:

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Martin Richards
23 February 2007

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

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

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

```
<PropertyGroup>
```

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

```
</PropertyGroup>
```

```
<!--
```

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

```
-->
```

```
<ItemGroup>
```

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

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

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

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

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

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

```
<TpnRepo Include="dotnet/wpf" />
```

```
<!--
```

Additional repos that should be included but don't have any

third-party-notices files:

- dotnet/efcore
- dotnet/emsdk
- dotnet/extensions
- dotnet/icu
- dotnet/sdk
- dotnet/windowsdesktop

-->

```
<TpnRepo Condition="'%(TpnRepo.Branch)' == ''" Branch="main" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
```

```
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
```

```
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
```

```
</ItemGroup>
```

```
<RegenerateThirdPartyNotices
```

```
  TpnFile="$(TpnFile)"
```

```
  PotentialTpnPaths="@ (PotentialTpnPath)"
```

```
  TpnRepos="@ (TpnRepo)" />
```

```
<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
```

```
</Target>
```

```
</Project>
```

```
<Project Sdk="Microsoft.NET.Sdk">
```

```
<PropertyGroup>
```

```
<OutputType>Exe</OutputType>
```

```
<ApplicationManifest>App.manifest</ApplicationManifest>
```

```
</PropertyGroup>
```

```
<ItemGroup>
```

```
<Compile Include="Program.cs" />
```

```
<Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
```

```
<Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
```

```
<Compile Include="..\..\ServerContracts/ServerGuids.cs" />
```

```
</ItemGroup>
```

```
<ItemGroup>
```

```
<CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
```

```
<ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
```

```
</ItemGroup>
```

```
</Project>
```

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.13, October 13th, 2022

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This is a port of the SciMark2a Java Benchmark to C# by
Chris Re (cmr28@cornell.edu) and Werner Vogels (vogels@cs.cornell.edu)

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The punycode implementation

is based on the sample code in RFC 3492

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Developed by:

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