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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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1.3 system-security-cryptography-encoding

4.3.0

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1.4 system-security-cryptography-algorithms

4.3.0

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1.5 system-security-principal-windows 4.4.0

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

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1.7 systemsecuritycryptographycertificates

4.3.0

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1.9 system-security-accesscontrol 4.4.0

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version 1.2.11, January 15th, 2017

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Bit Twiddling Hacks

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1.10 system-buffers 4.5.1

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version 1.2.11, January 15th, 2017

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1.11 system-threading-tasks-extensions 4.5.4

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1.12 system-numeric-vectors 4.5.0

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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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* Small optimizations to Python serialization.

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* VI syntax highlighting tweaks.
* Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>
* Heuristic detection of sub-messages when printing unknown fields in text format.

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* Added @Override annotation to generated Java code where appropriate.

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* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>
* Solaris 10 + Sun Studio fixes.

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* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>
* MS Visual Studio error format option.
* Detect unordered_map in stl_hash.m4.

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* gzip/zlib I/O support.

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* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
* Added generation of field number constants.

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* Small patch improving performance of in Python serialization.
Alexandre Vassalotti <alexandre@peadrop.com>
* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).
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* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.
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* HPUX support.
Oliver Jowett <oliver.jowett@gmail.com>
* Detect whether zlib is new enough in configure script.
* Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.
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William Orr <will@worrbase.com>
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* Added atomicops for Solaris
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* Added atomicops for AIX (POWER)
Nipunn Koorapati <nipunn1313@gmail.com>
* Provide a type alias field ValueType
on EnumTypeWrapper
* Match service argument names to abstract interface
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version 1.2.11, January 15th, 2017

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

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Bit Twiddling Hacks

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1.22 system-reflection-emit-ilgeneration 4.7.0

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1.23 system-reflection-emit-lightweight 4.7.0

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

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

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Martin Richards
23 February 2007

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```
<Project Sdk="Microsoft.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.")
)
<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
  dotnet/linker
-->

<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/dosvidos/SciMark>

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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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** Rick Grehan, BYTE Magazine

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** Create:

** Revision: 3/95

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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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By Sean Eron Anderson
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lz4net

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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>
</Project>
```

```

</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.")
<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
  dotnet/linker
-->

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

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

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Bit Twiddling Hacks

By Sean Eron Anderson
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Martin Richards
23 February 2007

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jar/dagger/internal/MapProviderFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/Factory.java
*
/opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/MembersInjectors.java
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jar/dagger/internal/DelegateFactory.java
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*
/opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Subcomponent.java
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- * /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Lazy.java
- * /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/MembersInjector.java

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1.30 musl various

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1.31 vcpkg_for_dotnet_agent

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1.32 boost 1.83

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1.33 system-runtime-compilerservices-unsafe

6.0.0

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1.35 system-text-json 4.7.2

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version 1.2.11, January 15th, 2017

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

Question author: Bob The Janitor -- <https://stackoverflow.com/users/55102/bob-the-janitor>

Answer author: harp -- <https://stackoverflow.com/users/4525/harpo>

Use:

<https://github.com/dotnet/runtime/blob/4893732ba881a4fb9023af1d6d4e64bb2a6eddbc/src/tests/sizeondisk/sodbench/SoDBench.cs#L735>

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

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<https://github.com/santoshshahoo/nbench> (mirror of the same code)

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** Rick Grehan, BYTE Magazine

**

** Create:

** Revision: 3/95

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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
seander@cs.stanford.edu

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1.37 grpc-core-api 2.59.0

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1.41 system-diagnostics-diagnosticsource

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1.43 microsoft-build-artifacts 6.1.10

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1.57 opentelemetry.api 1.7.0

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1.60 microsoft-diagnostics-runtime

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1.65 system-collections-immutable 8.0.0

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1.67 nlog 5.2.8

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1.69 html-agility-pack 1.11.58

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1.71 jab 0.10.2

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1.72 microsoft-extensions-configuration 8.0.0

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Version 3, 29 June 2007

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Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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