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

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1.4 netstandard-library 2.0.3

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1.5 system-security-accesscontrol 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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1.6 system-runtime-compilerservices-unsafe

5.0.0

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

By Sean Eron Anderson
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<Project Sdk="Microsoft.NET.Sdk">

<PropertyGroup>

<OutputType>Exe</OutputType>

<ApplicationManifest>App.manifest</ApplicationManifest>

<!-- ilasm round-trip testing blocked on ILAsm supporting embedding resources. See

<https://github.com/dotnet/runtime/issues/11412> -->

<IlasmRoundTripIncompatible>true</IlasmRoundTripIncompatible>

<!-- Test unsupported outside of windows -->

<CLRTestTargetUnsupported Condition="'\$(TargetsWindows)' != 'true'">true</CLRTestTargetUnsupported>

<!-- This test would require the runincontext.exe to include App.manifest describing the COM interfaces -->

<UnloadabilityIncompatible>true</UnloadabilityIncompatible>

</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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<https://github.com/mono/mono/blob/a34c9c79c07156797499b6ed2ce43c5897263b57/mono/benchmark/logic.cs>
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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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1.7 system-buffers 4.5.1

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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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1.8 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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Bit Twiddling Hacks

By Sean Eron Anderson
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decode_fuzzer.c:

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1.9 protobuf 3.21.12

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* Small patch to handle trailing slashes in --proto_path flag.

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* Small patch to fix Python CallMethod().

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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.

Brian Atkinson <nairb774@gmail.com>

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

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>

* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

* 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.

Brian Olson <brianolson@google.com>

* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).

* Added generation of field number constants.

Wink Saville <wink@google.com>

* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

* 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.

Michael Kucharski <m.kucharski@gmail.com>

- * Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- * Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- * Fixed detection of sched_yield on Solaris.
- * Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- * Fixed minor IBM xLC compiler build issues
- * 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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1.10 asynchio 0.1.26

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1.11 google-protobuf 3.22.0

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1.12 microsoft-diagnostics-runtime

1.1.142101

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1.13 netmq 4.0.0.1

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1.14 system-memory 4.5.5

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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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1.16 dotnetzip 1.12.0

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1.18 newtonsoft-json 13.0.3

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1.19 opentelemetry.exporter.jaeger e7f06afd51489e3047f167d9b7362aba512508c0

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1.20 html-agility-pack 1.11.46

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1.21 microsoft-netcore-platforms 7.0.1

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Martin Richards
23 February 2007

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  <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" />
  </ItemGroup>
</Project>
```

```
<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("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 1.2.12, March 27th, 2022

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Bit Twiddling Hacks

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

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```
<Project Sdk="Microsoft.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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1.25 nuget-build-packaging 0.2.5-pr168.7

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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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1.28 system-reflection-emit-lightweight 4.7.0

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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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Bit Twiddling Hacks

By Sean Eron Anderson
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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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```
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```

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

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Bit Twiddling Hacks

By Sean Eron Anderson
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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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John R. Hauser
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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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** BYTEmark (tm)

** BYTE Magazine's Native Mode benchmarks

** Rick Grehan, BYTE Magazine

**

** Create:

** Revision: 3/95

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Martin Richards
23 February 2007

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1.35 nlog 5.1.0

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1.36 jab 0.8.6

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1.37 dagger 2.46

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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
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/SetFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/DelegateFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/SingleCheck.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Component.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/MapKey.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/InstanceFactory.java
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* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/Multibinds.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Subcomponent.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/ClassKey.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/StringKey.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/LongKey.java
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* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/BoundsOptionalOf.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/assisted/package-info.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/package-info.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Reusable.java
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* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/IntoMap.java
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* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/ProviderOfLazy.java
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* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/assisted/AssistedFactory.java

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* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/SetBuilder.java

1.38 musl various

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1.39 boost 1.82

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

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////

```
[#mpl]
# MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:
```

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

It's also possible to only enable support for `mp_list` by including `<boost/mp11/mpl_list.hpp>`, and for `std::tuple` by including `<boost/mp11/mpl_tuple.hpp>`. This may be required because some libraries, such as Boost.Fusion, contain their own MPL support for `std::tuple`, which conflicts with Mp11's one.

.Converting an existing MPL Sequence into an mp_list

...

```
using L = mpl::copy<Sequence, mpl::back_inserter<mpl11::mp_list<>>>::type;
```

...

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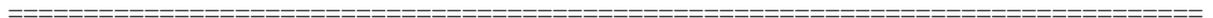
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</p>
<p class="copyright">
  2018 Joe Blow, John Coe
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  1977, 1985 Someone else
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</body>
</html>
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-//Boost/DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
<title>Copyright Test</title>
<articleinfo>
<copyright>
  <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
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