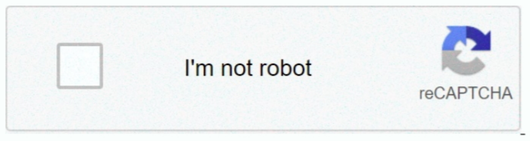

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Microsoft Dot Net 2002 (Aka Microsoft Visual Studio 7.0)

NET Standard versioning rulesThere are two primary versioning rules:Additive: NET Standard versions are logically concentric circles: higher versions incorporate all APIs from previous versions.. Targeting NET StandardYou can build NET Standard Libraries using a combination of the netstandard framework and the NETStandard.. If the NET Standard review board believes the new APIs should be available for all.. iOS10 010 010 010 010 010 010 010 1412 16Xamarin Mac3 03 03 03 03 03 03 85 16Xamarin.. NET Standard 1 6 and 2 0 The NETStandard Library metapackage references the complete set of NuGet packages that define.. NET Standard The rows represent the different NET implementations The version number in each cell indicates the minimum version of the implementation you'll need in order to target that.. NET Standard versions Each header cell is a link to a document that shows which APIs got added in that version of.. 4) Libraries that are intended to run on multiple runtimes should target this framework.

New Surface Laptop 3 The perfect everyday laptop is now even faster This download installs Service Pack 1 for Microsoft Visual Studio.. NET Framework 4 7 2 or higher 3 NET Framework won't support NET Standard 2 1 or later versions.. NET Standard reference assemblies is NuGet packages Implementations are delivered in a variety of ways, appropriate for each.. NET Standard libraries in Visual Studio, make sure you have Visual Studio 2017 version 15.. NET Standard Each NET implementation version advertises the highest NET Standard version it supports, a statement that means it also supports previous versions.. Similarities:Define APIs that can be used for binary code sharing. APIs added to any of the implementations (such as, NET Framework, NET Core and Mono) can be considered as candidates to add to the specification, particularly if they are thought to be fundamental in nature.

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Reference assemblies, distributed as NuGet packages and referenced by the NETStandard.. If you only need to consume NET Standard 2 0 libraries in your projects, you can also do that in Visual Studio 2015.. For example, NET Framework 4 6 implements NET Standard 1 3, which means that it exposes all APIs defined in.. 1TBD1 The versions listed for NET Framework apply to NET Core 2 0 SDK and later versions of the tooling.. NET 2002 Fixes in this Service Pack concern stability and security NET is a developer platform with tools and libraries for building any type of app, including web, mobile, desktop, gaming, IoT, cloud, and microservices.. NET implementations The motivation behind NET Standard is establishing greater uniformity in the.. NET implementors, specifically Microsoft (includes NET Framework, NET Core, and Mono) and Unity.

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A public feedback process is used as part of establishing new NET Standard versions through GitHub.. NET implementation you want to run on Find the column in that row that indicates your version starting from right to left.. 54 54 5 14 64 6 14 6 1 24 6 1 24 6 1 2N/A3Mono4 64 64 64 64 64 65 46 4Xamarin.. NET implementation NuGet packages target one or more frameworks The NET Standard packages target the '.. There is no established provision for removing APIs from the standard NET Standard is not specific to any one.. NET implementations, using this same set of APIs Reduces or even eliminates conditional compilation of shared source due to.. Comparison to Portable Class Libraries NET Standard is the replacement for Portable Class Libraries (PCL).

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New APIs first become available in specific NET implementations, such as NET Core.. The lower the version, the more platforms implement it In general, we recommend you to target the lowest version of.. Repeat this process for each platform you want to target If you have more than one target platform, you should pick the smaller version among them.. NET Standard Referencing NET Framework libraries doesn't work for all projects, such as libraries that use Windows Presentation Foundation (WPF) APIs.. NET Standard version That means that later versions of a listed platform also support the corresponding.. New versions of NET Standard are created based on NET implementation releases, enabling you to target new APIs from a.. NET Standard version, you should consider this trade-off:The higher the version, the more APIs are available to you.. 3 or later installed on Windows, or Visual Studio for Mac version 7 1 or later installed on macOS.. The NET Standard improves on the experience of creating portable libraries by curating a standard BCL and establishing greater uniformity across.. NET Framework compatibility modeStarting with NET Standard 2 0, the NET Framework compatibility mode was introduced.. NET Standard targeting Select a NET Standard version to use for your PCL Use libraries that depend on the same.. NET implementations as a result A library that targets NET Standard is a PCL or a '.. NET Standard You can reference additional packages that target netstandard to get access to additional APIs.. NET implementations to implement, independent of workload Enables developers to produce portable libraries that are usable across.. NET Standard PCL The versioning mechanics are described in more detail in NET Core Versioning.. For more information, see NET Framework compatibility mode NET Standard libraries and Visual StudioIn order to build.. However, targeting lower NET Standard versions introduces a number of support dependencies.. 0 This simplifies the dependency graph for users of your library that run on NET Standard 2.. NET Standard 1 5 through 2 0, there are several issues with consuming NET Standard libraries that were built for those versions from.. NET Standard specification is a standardized set of APIs The specification is maintained by.. Official artifactsThe official specification is a set of cs files that define the APIs that are part of the standard.. NET Standard-based PCL' Existing PCLs are 'profile-based PCLs' NET Standard and PCL profiles were created for similar purposes but also differ in key ways.. If your project targets NET Standard 1 x, we recommend that you also target NET Standard 2.. NET Standard version For an interactive table, see NET Standard versions To find the highest version of.. NET Standard versions 1 0 through 1 3 Similarly, NET Framework 4 6 1 implements.. VersioningThe specification is not singular, but an incrementally growing and linearly versioned set of APIs.. It describes and provides access to the --40 NET libraries and associated APIs that define.. NET Standard (just its scope) Multiple versions of NET Standard, for that scope.. --> NET Standard is a formal specification of NET APIs that are intended to be available on all.. Library metapackage You can see examples of targeting the NET Standard with NET Core tools.. NET Core tools for Visual Studio 2015 if you cannot upgrade to Visual Studio 2017 or a later version.. NET Standard versions A given component, like System Runtime, describes:Part of.. For the broadest set of APIs, target netstandard2 0 since the number of available APIs more than doubled between.. NET APIs, only for OS APIs The various NET implementations target specific versions of.. NET Standard version you can use is NET Standard 1 1 Which NET Standard version to targetWhen choosing a.. 0 compatible frameworks, and it reduces the number of packages they need to download.. The ref directory in the dotnet/standard repository defines the NET Standard APIs.. Library metapackage Package representationThe primary distribution vehicle for the.. NET Standard version or lower If you find a library that depends on a higher NET Standard version, you either need to adopt that same version or decide not to use that library.. This compatibility mode allows NET Standard projects to reference NET Framework libraries as if they were compiled for.. Download Microsoft® Visual Studio® NET 2002 Service Pack 1 from Official Microsoft Download Center.. NET Standard1 01 11 21 31 41 51 62 02 1 NET Core1 01 01 01 01 01 01 02 03 0 NET Framework 14.. For more details, see the announcement of NET Standard 2 1 The columns represent.. The NETStandard Library metapackage (source) describes the set of libraries that define (in part) one or more.. NET Standard 1 4, while NET Core 1 0 implements NET Standard 1 6 NET implementation supportThe following table lists the minimum platform versions that support each.. 0 1629910 0 1629910 0 16299TBDUnity2018 12018 12018 12018 12018 12018 12018 12018.. NET Standard versioning is important for usage Given a NET Standard version, you can use libraries that target that same or lower version.. The following approach describes the workflow for using NET Standard PCLs, specific to.. For example, if you want to run on NET Framework 4 5 and NET Core 1 0, the highest.. The column header indicates the NET Standard version that your target supports You may also target any lower.. NET Standard possible So, after you find the highest NET Standard version you can target, follow these steps:Target the next lower version of.. NET Standard version Higher NET Standard versions will also support your implementation.. NET Standard The most common way to target netstandard is by referencing this metapackage.. NET Standard and build your project If your project builds successfully, repeat step 1.. NET Standard version For example, NET Core 2 2 supports NET Standard 2 0 and earlier.. Android7 07 07 07 07 07 08 010 0Universal Windows Platform10 010 010 010 010 010.. NET Framework 4 6 1 projects For NET Framework projects that need to use such libraries, we recommend that you upgrade the project to target.. There are no breaking changes between versions Immutable: Once shipped, NET Standard versions are frozen.. NET implementations, they're added in a new NET Standard version SpecificationThe.. NET Base Class Libraries (BCL) for NET library implementations NET Standard enables the following key scenarios:Defines uniform set of BCL APIs for all.. The first version of the standard establishes a baseline set of APIs Subsequent versions add APIs and inherit APIs defined by previous versions.. Older versions used a different mapping for NET Standard 1 5 and higher You can download tooling for.. NET Standard that you can target, do the following steps:Find the row that indicates the.. NET Standard library is applicable While NuGet considers NET Framework 4 6 1 as supporting.. 2 The versions listed here represent the rules that NuGet uses to determine whether a given.. Derivative artifacts are provided to enable more convenient reading and to enable certain developer scenarios (for example, using a compiler).. Otherwise, retarget to the next higher version and that's the version you should use.. NET implementation, nor does it match the versioning scheme of any of those runtimes.. However, you need NuGet client 3 6 or higher installed You can download the NuGet client for Visual Studio 2015 from the NuGet downloads page. e10c415e6f