

Supported Platforms for Ice 3.7.0

Ice 3.7.0 is supported on the platform, compiler, and environment combinations shown below. Other platforms and compilers might work as well but have not been tested. Please [contact us](#) if you need support for a platform or compiler that is not on this list.

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Ice for C++

Run-Time Platform	Compiler	Run-Time Architecture	Development Platform
Windows 7 Windows 8.1 Windows 10 Windows Server 2012 Windows Server 2016	Visual Studio 2010, Visual Studio 2013, Visual Studio 2015, Visual Studio 2017	x86, x64	Same as Run-Time
Windows 10 UWP (Universal Windows)	Visual Studio 2015, Visual Studio 2017	x86, x64	Same as Run-Time
Red Hat Enterprise Linux 7 Amazon Linux 2017.03 SUSE Linux Enterprise Server 12 Ubuntu 16.04 (Xenial Xerus)	GCC (default version)	x86_64, x86 x86_64 x86_64 amd64	Same as Run-Time
Linux Yocto 2.3 (Pyro)	Poky Yocto 2.3 (Pyro)	armhf	Ubuntu 16.04 amd64
macOS 10.12 (Sierra)	Xcode 8	x86_64	Same as Run-Time
iOS 9 or greater	Xcode 8	armv7, armv7s, arm64, iOS Simulator	macOS 10.12 (Sierra)

 Ice for C++ provides [two separate Slice to C++ mappings](#), the Slice to C++11 mapping and the Slice to C++98 mapping. You can use either (or both) mappings with all the C++ compilers listed above, with the exception of Visual Studio 2010 and Visual Studio 2013—Ice for C++ supports only the C++98 mapping with these older versions of Visual Studio.

Ice for C#/.NET

Platform	Compiler	Architecture
Windows 7 Windows 8.1 Windows 10 Windows Server 2012 Windows Server 2016	Visual Studio 2013, Visual Studio 2015, Visual Studio 2017 targeting .NET framework 4.5.1 or later	x86, x64

Ice for Java

Platform	Environment
All Ice for C++ platforms	JDK 1.8 JDK 1.7 (only with the Java Compat Mapping)
Android 5.0 or later	JDK 1.8, Android Studio

Ice for JavaScript

Platform	Environment
Web browser with ECMAScript 5	Recent versions of Internet Explorer, Edge, Chrome, Firefox, Safari
Web browser with ECMAScript 6	Recent versions of Chrome, Firefox, Safari
Windows 7 Windows 8.1 Windows 10 Ubuntu 16.04 (Xenial Xerus) macOS 10.12 (Sierra)	Node.js 4.2.x or greater

Ice for Objective-C

Run-Time Platform	Compiler	Run-Time Architecture	Development Platform
macOS 10.12 (Sierra)	Xcode 8	x86_64	Same as Run-Time
iOS 9 or greater	Xcode 8	armv7s, arm64, iOS Simulator	macOS 10.12 (Sierra)

Ice for PHP

Platform	Environment	Architecture
Windows 7 Windows 8.1 Windows 10 Windows Server 2012 Windows Server 2016	PHP 7.0, 7.1	x86, x64
Red Hat Enterprise Linux 7 Amazon Linux 2017.03 SUSE Linux Enterprise Server 12 Ubuntu 16.04 (Xenial Xerus)	PHP 5.4 PHP 5.3 PHP 5.5 PHP 7.0	x86, x86_64 x86_64 x86_64 amd64
macOS 10.12 (Sierra)	PHP 5.6, 7.0, 7.1	x86_64

Ice for Python

Platform	Environment	Architecture
Windows 7 Windows 8.1 Windows 10 Windows Server 2012 Windows Server 2016	Python 2.7, Python 3.6	x86, x64
Red Hat Enterprise Linux 7 Amazon Linux 2016.03 SUSE Linux Enterprise Server 12 Ubuntu 16.04 (Xenial Xerus) Linux Yocto 2.3 (Pyro)	Python 2.7, Python 3.5	x86, x86_64 x86_64 x86_64 amd64 armhf
macOS 10.12 (Sierra)	Python 2.7, Python 3.5	x86_64

Ice for Ruby

Platform	Environment	Architecture
Red Hat Enterprise Linux 7 Amazon Linux 2016.03 SUSE Linux Enterprise Server 12 Ubuntu 16.04 (Xenial Xerus) macOS 10.12 (Sierra)	Ruby 2.0 to Ruby 2.3	x86, x86_64 x86_64 x86_64 amd64 x86_64