Intel® Integrated Native Developer Experience (Intel® INDE) Build Edition 2015 for OS X*

Product Brief

Get Great Application Performance

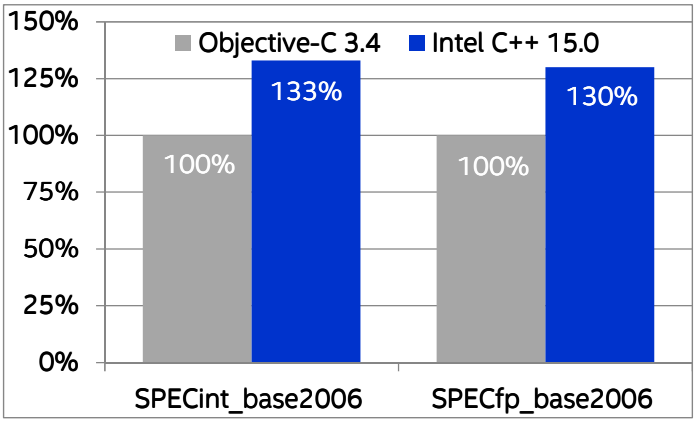
Intel® INDE Build Edition 2015 for OS X* includes clang-based Intel® C++, Intel® Threading Building Blocks (Intel® TBB) and Intel® Integrated Performance Primitives (Intel® IPP). It features compiler-based innovations in vectorization and parallel programming to simplify development of your most demanding Mac applications. It integrates into Xcode to preserve the way you develop. Plus you get support directly from Intel in your private, secure Premier Support account.

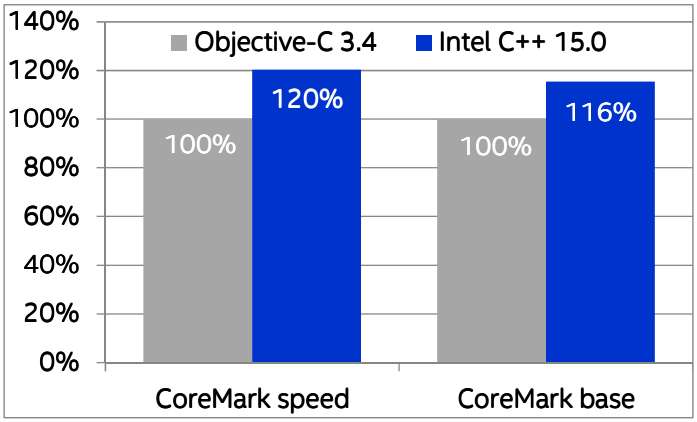
The Intel compiler is compatible with the Apple* Objective-C* compiler. If your Objective-C is in files separate from C or C++ code, you can recompile in one build – from Xcode – that uses both compilers deliver outstanding application performance and keeps you productive.

Intel IPP offers highly optimized threaded functions for multimedia, signal and data processing. Intel TBB helps simplify general parallelism to help take advantage of Intel multicore processors in contemporary Macs.

Performance, compatibility, and support makes Intel INDE 2015 Build Edition for OS X a powerful and productive tool.

Intel® C++ Performance Indicators





Performance on a MacBook* Air* with an Intel® i74650 (Haswell) Processor, 1.7 GHz, dual core, 4MB cache, hyper-threading turned on, . Mac OS X* 10.9, 2GB RAM. For more information go to http://www.intel.com/performance

Take Comfort – Intel INDE Build Edition 2015 for OS X is compatible with your C/C++ code and Xcode

Intel C++ Composer XE integrates into the Xcode IDE and works with all the tools. It has a clang-based compiler that is compatible with your C and C++ source code. This means the investment you have in in your code, and how you work, is productively preserved. It also includes one year of support. In addition, there's an active community of developers out there sharing their experiences on our Forums.

Take Advantage – Intel INDE Build Edition 2015 for OS X delivers easy-to-use performance features

Intel C++ is focused on delivering great application performance with support for multiple parallel programming models. Intel Cilk Plus, part of Intel C++, helps streamline development of vectorized code with

its #pragma SIMD and array notation capabilities and parallelism with easy-to-use keywords. Take Advantage – Intel INDE Build Edition 2015 for OSX delivers easy-to-use performance features (HPO), a powerful capability combines vectorization, parallelization, and loop transformations all done in a single pass that is faster, more effective, and more reliable than individual, discrete phases. Interprocedural optimization and profile-guided optimization continue to provide developers with opportunities to enhance performance by in-lining and restructuring code based on workload. Performance is #1 at Intel.

Take it Easy – Intel Performance Libraries keep you productive and deliver application performance

Intel INDE 2015 Build Edition for OS X is a lot more than a compiler. It includes Intel® Threading Building Blocks, the widely used, award-winning C++ template library that simplifies creating reliable, portable, low-maintenance and scalable parallel applications. And Intel® Integrated Performance Primitives offers highly optimized, extensively threaded functions for multimedia, compression, data processing, communications and more. Intel INDE 2015 Build Edition for OS X includes lots of sample code and tutorials to simplify development with examples and code snippets.

Take a Test Drive – See how Intel INDE Build Edition 2015 can help deliver application performance

Thirty-day evaluations are available for download from our web site (http://intel.ly/sw-tools-eval). You'll need a Mac based on an Intel processor running at least OS X 10.9 and Xcode 5.1. Check out the link above for more details. The download includes tutorials and lots of code samples, or you can jump right in using your own code. To join the community of your fellow Intel INDE 2015 Build Edition developers, visit the Intel Software Network Forums (http://software.intel.com/en-us/forums/) or go to the Intel INDE 2015 Build Edition web site (http://software.intel.com/en-us/articles/intel-composer-xe/) and click support.

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