



## Visual Studio Extension for C++ Developers

### Key Facts

ReSharper C++ makes Visual Studio a better IDE for C/C++ developers, providing on-the-fly code analysis, quick-fixes, powerful search and navigation, smart code completion, refactorings, a variety of code generation options, and other features to help increase your everyday productivity.

### Key Benefits

ReSharper C++ advocates best development and design practices with solution-wide refactorings, quick code transformations, and full control over code formatting. It ensures continuous code quality inspection by instantly highlighting errors and code smells in your solution and provides multiple automated quick-fixes. Blazing fast navigation and search features, automatic code generation and templates complete the picture of a cutting-edge productivity tool that empowers any C/C++ developer.

### Key features

**Full integration** with Visual Studio 2010, 2012, 2013, 2015 and 2017.

**Seamless integration** with ReSharper, and other JetBrains .NET development tools.

**Code analysis.** ReSharper C++ executes over 60 code inspections on the fly, letting you instantly see whether a file or the entire solution contains any errors, warnings, or bad practices.

**Quick-fixes**, which are available for most of the code inspections, provide one or more ways of resolving the detected errors and problems.

**Navigation and search.** You can quickly switch between header and source for any symbol, jump to any file, type, or member in your code base, or navigate from a specific symbol to its usages, base and derived symbols, or implementations.

Several solution-wide **automated refactorings** such as Rename, Extract Method, Change Signature, and Introduce typedef help you maintain a clean project structure and otherwise implement best development practices.

**Code generation.** Boilerplate code such as definitions for declarations, constructors, equality and relational operators, and more can be autogenerated in no time. You can also generate code symbols based on usages.

**Code templates.** ReSharper C++ provides an extensible collection of intelligent code snippets, surround templates to wrap code blocks, as well as file and multifile templates to quickly create new project items.

**Code formatting rules** can be flexibly configured and applied in any scope, from a selected code block to the entire solution.

**Unit testing.** ReSharper C++ comes with a unit test runner in Visual Studio that supports Google Test, Boost. Test, and Catch frameworks.

#### Headquarters and International Sales

JetBrains s.r.o.  
Na hřebenech II 1718/10,  
14000 Prague 4  
Czech Republic  
Tel: +420 241 72 2501  
Fax: +420 241 72 2540

[sales@jetbrains.com](mailto:sales@jetbrains.com)

#### Americas Sales:

East Coast  
10 Lake Center Dr #203  
Marlton, NJ 08053  
Toll free: +1 888 672 1076  
Phone: +1 609 714 7883  
Fax: +1 866 838 6784

[sales.us@jetbrains.com](mailto:sales.us@jetbrains.com)

West Coast  
989 East Hillsdale Blvd. Suite 200  
Foster City, CA 94404  
Toll free: +1 888 672 1076  
Phone: +1 650 413 9887  
Fax: +1 866 838 6784

[jetbrains.com/resharper-cpp](http://jetbrains.com/resharper-cpp)

