**/optimize (C# Compiler Options)**

**Visual Studio 2013**

The **/optimize** option enables or disables optimizations performed by the compiler to make your output file smaller, faster, and more efficient.

/optimize[+ | -]

[Remarks](javascript:void(0))

**/optimize** also tells the common language runtime to optimize code at runtime.

By default, optimizations are disabled. Specify **/optimize+** to enable optimizations.

When building a module to be used by an assembly, use the same **/optimize** settings as those of the assembly.

**/o** is the short form of **/optimize**.

It is possible to combine the **/optimize** and [/debug](http://msdn.microsoft.com/en-us/library/vstudio/8cw0bt21.aspx) options.

**To set this compiler option in the Visual Studio development environment**

1. Open the project's Properties page.
2. Click the Build property page.
3. Modify the Optimize Code property.

For information on how to set this compiler option programmatically, see [Optimize](http://msdn.microsoft.com/en-us/library/vstudio/dd2yf0x0.aspx).

[Example](javascript:void(0))

Compile t2.cs and enable compiler optimizations:

csc t2.cs /optimize

# CSharpProjectConfigurationProperties3.Optimize Property

**Visual Studio 2013**

This member provides internal-only access to C# project configuration properties. For more information, see [Accessing Project Type Specific Project, Project Item, and Configuration Properties](http://msdn.microsoft.com/en-us/library/vstudio/ms228958.aspx).

**Namespace:**  [VSLangProj80](http://msdn.microsoft.com/en-us/library/vstudio/vslangproj80.aspx)  
**Assembly:**  VSLangProj80 (in VSLangProj80.dll)

[Syntax](javascript:void(0))

C#

bool Optimize { get; set; }

#### Property Value

Type: [System.Boolean](http://msdn.microsoft.com/en-us/library/vstudio/system.boolean.aspx)

[Remarks](javascript:void(0))

External components can access these properties through the [Properties](http://msdn.microsoft.com/en-us/library/vstudio/envdte.properties.aspx) collection for the appropriate Visual Studio automation object. (That is, [ProjectItem](http://msdn.microsoft.com/en-us/library/vstudio/envdte.projectitem.aspx) for project files and folders, [Project](http://msdn.microsoft.com/en-us/library/vstudio/envdte.project.aspx) for projects, and [Configuration](http://msdn.microsoft.com/en-us/library/vstudio/envdte.configuration.aspx) for configurations). This member name name can be used as an indexer into the [Properties](http://msdn.microsoft.com/en-us/library/vstudio/envdte.properties.aspx) collection. For more information about accessing project properties through automation, see [Accessing Project Type Specific Project, Project Item, and Configuration Properties](http://msdn.microsoft.com/en-us/library/vstudio/ms228958.aspx) and [How to: Access Configuration Properties for Specific Types of Projects](http://msdn.microsoft.com/en-us/library/vstudio/ms228959.aspx).

[.NET Framework Security](javascript:void(0))

* Full trust for the immediate caller. This member cannot be used by partially trusted code. For more information, see [Using Libraries from Partially Trusted Code](http://msdn.microsoft.com/en-us/library/vstudio/8skskf63.aspx).