

# ECMA: Standard ECMA-334 - C# Language Specification

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Table 1: Data sheet for C# Language Specification

|                     |                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title               | C# Language Specification                                                                                                                                           |
| Acronym             | C#                                                                                                                                                                  |
| Version             | 5                                                                                                                                                                   |
| Series              | Standards                                                                                                                                                           |
| Document Number     | ECMA-334                                                                                                                                                            |
| Release Date        | December 2017                                                                                                                                                       |
| About Specification |                                                                                                                                                                     |
| Download            | <a href="https://www.ecma-international.org/publications/files/ECMA-ST/ECMA-334.pdf">https://www.ecma-international.org/publications/files/ECMA-ST/ECMA-334.pdf</a> |

**Note:** The following is an excerpt from the official ECMA description. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

## Overview

*This specification describes the form and establishes the interpretation of programs written in the C# programming language. It describes:*

- *The representation of C# programs;*
- *The syntax and constraints of the C# language;*
- *The semantic rules for interpreting C# programs;*
- *The restrictions and limits imposed by a conforming implementation of C#.*

*This specification does not describe:*

- *The mechanism by which C# programs are transformed for use by a data-processing system;*
- *The mechanism by which C# [applications](#) are invoked for use by a data-processing system;*
- *The mechanism by which input data are transformed for use by a C# application;*
- *The mechanism by which output data are transformed after being produced by a C# application;*
- *The size or complexity of a program and its data that will exceed the capacity of any specific data-processing system or the capacity of a particular processor;*

*All minimal requirements of a data-processing system that is capable of supporting a conforming implementation.*

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