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specification suite**

Technologies de l'information — Suite de spécification C#



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This document was prepared by Ecma International (as ECMA-422, C# Specification Suite) and drafted in accordance with its editorial rules. It was assigned to Joint Technical Committee ISO/IEC JTC 1, *Information technology*, and adopted under the “fast-track procedure”.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

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Introduction

C# is a widely used, general-purpose programming language.

Essential components of a C# implementation are described in several individual standards, supplemented by a technical report. The C# Specification Suite is just a collection of those components, which are developed and maintained by Ecma International.

The Suite defined by this specification aggregates these components via normative and informative references to the latest published Ecma International specifications. This has the advantage that an update of the Suite is only needed if there is a change (addition or deletion) in the set of components.

This Ecma Standard was developed by Technical Committee 49 and was adopted by the General Assembly of December 2022.

C# Specification Suite

1 Scope

This specification defines the C# programming language and its required library. It defines all the necessary components that are needed to implement this Suite. This Suite does not change if one or more components are updated by a new standard edition. The Suite changes only when new components are added to it and/or existing components are removed from it.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ECMA-334, *C# language specification*, <https://www.ecma-international.org/publications-and-standards/standards/ecma-334/>

ECMA-335, *Common Language Infrastructure (CLI) : Partition IV: Profiles and Libraries*, <https://www.ecma-international.org/publications-and-standards/standards/ecma-335/>