

# ISO/IEC 9899:2018 Programming languages -- C

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Table 1: Data sheet for Programming languages - C

Title	Programming languages - C
Acronym	C
Version	2018
Document Number	9899:2018
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Reference	<a href="https://www.iso.org/standard/74528.html">https://www.iso.org/standard/74528.html</a>

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

## Summary

*This document specifies the form and establishes the interpretation of programs written in the C programming language.*

*It specifies:*

- 1. the representation of C programs;*
- 2. the syntax and constraints of the C language;*
- 3. the semantic rules for interpreting C programs*
- 4. the representation of input data to be processed by C programs;*
- 5. the representation of output data produced by C programs;*
- 6. the restrictions and limits imposed by a conforming implementation of C.*

*This document does not specify:*

- 1. the mechanism by which C programs are transformed for use by a data-processing system;*
- 2. the mechanism by which C programs are invoked for use by a data-processing system;*
- 3. the mechanism by which input data are transformed for use by a C program;*
- 4. the mechanism by which output data are transformed after being produced by a C program;*
- 5. 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;*
- 6. all minimal requirements of a data-processing system that is capable of supporting a conforming implementation.*

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