

# 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
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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.*

1. *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.*
2. *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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