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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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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