
Foreword

- 1 This document revises the version dated 2 December 1996 by approximating the substantive and editorial changes that by ISO WG21 and ANSI† X3J16 intend to approve at their joint meeting in Morristown, New Jersey, USA in November, 1997. It will be further revised at that meeting, and then, if the results of that modification are satisfactory, submitted to ISO SC22 for registration as the Final Draft International Standard produced by WG21.
- 2 The C++ programming language as described in this Working Paper is based on the language as described in Chapter R (Reference Manual) of Stroustrup: *The C++ Programming Language* (second edition, Addison-Wesley Publishing Company, ISBN 0-201-53992-6, copyright © 1991 AT&T). That, in turn, is based on the C programming language as described in Appendix A of Kernighan and Ritchie: *The C Programming Language* (Prentice-Hall, 1978, ISBN 0-13-110163-3, copyright © 1978 AT&T). In addition, portions of this Working Paper are based on work by P.J. Plauger, which was published as *The Draft Standard C++ Library*; Prentice-Hall, ISBN 0-13-117003-1, copyright © 1995 P.J. Plauger). All rights in these originals are reserved.
- 3 The C language changed substantially after *The C Programming Language* was published. Those changes are reflected in ISO/IEC 9899:1990, *C Standard* which, together with Chapter R of *The C++ Programming Language*, serve as the two base documents for this Working Paper.
- 4 Most clause and subclause titles have text in square brackets at the end of their respective lines. The bracketed text is a *symbolic name* for that clause or subclause, with the idea that the symbolic name will remain constant even if the corresponding number changes in subsequent drafts. These symbolic names are there for convenience only and are not part of the text; they will not appear in the final version of the International Standard.

Box 0

Throughout the text appear rectangular boxes, each with a label of the form **Box *n*** in its upper left corner, where *n* represents a natural number. These boxes, and their contents, are there for convenience only and are not part of the text; they will not appear in the final version of the International Standard.

A vertical bar in the right margin shows text that is new or changed from the version approved at the Stockholm meeting; an asterisk there shows where text was deleted. These “change bars” were mechanically prepared in a way that is sometimes too conservative: It is possible that text is shown as changed that did not actually change. However, the method of preparation is intended to ensure that a change bar does indeed indicate every change.

† American National Standards Institute