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**Information technology — C++  
extensions for reflection**

*Technologies de l'information — Extensions C++ pour la réflexion*



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# Foreword

# [foreword]

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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](http://www.iso.org/members.html) and [www.iec.ch/national-committees](http://www.iec.ch/national-committees).



# 1 Scope

[scope]

- <sup>1</sup> This document describes extensions to the C++ Programming Language (Clause 2) that enable operations on source code. These extensions include new syntactic forms and modifications to existing language semantics, as well as changes and additions to the existing library facilities.
- <sup>2</sup> Instructions to modify or add paragraphs are written as explicit instructions. Modifications made directly to existing text from ISO/IEC 14882:2020 use underlining to represent added text and ~~strikethrough~~ to represent deleted text.

## 2 Normative references

[refs]

<sup>1</sup> 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.

- (1.1) — ISO/IEC 14882:2020, *Programming Languages — C++*
- (1.2) — ISO/IEC TS 19217:2015, *C++ Extensions for Concepts*