Technical Report

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Information technology – Registered escape sequences and coded character sets

Technologies de l'information — Séquences d'échappement et jeux de caractères codés enregistrés

Reference number
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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives or www.iec.ch/members_experts/refdocs).

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

This first edition cancels and replaces ISO/IEC 2375:2003, which has been technically revised.

The main changes are as follows:

— removal of the registration procedure specification due to the cancellation of the Registration Authority;

— inclusion of the registered data published by the former Registration Authority.

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 and www.iec.ch/national-committees.

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Introduction

ISO/IEC 2022 uses the escape sequence to control the code extension procedures. The International Register defined by ISO/IEC 2375 (previous edition of this document) provided the escape sequences and character sets.

Since no new escape sequences have been registered since 2004, and no new organization was found to take over the registration authority as of 2020, ISO/IEC JTC1 / SC2 decided to replace ISO/IEC 2375 with ISO/IEC TR 2375 (this document), which contains the data provided by the former registration authority, to ensure interoperability with archival digital data encoded by ISO/IEC 2022. This document and electronic attachments replace the International Register.

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Information technology – Registered escape sequences and coded character sets

1 Scope

This document provides the escape sequences and coded character sets that were registered and published by the former registration authority in ISO/IEC 2375 (the previous edition of this document).

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
bit combination
ordered set of bits used for the representation of characters

3.2
byte
bit string that is operated upon as a unit

3.3
catalogue
list of the registrations and supplementary data, with reference to their locations

3.4
character
member of a set of elements used for the organization, control, or representation of data

3.5
coded character set
set of unambiguous rules that establishes a character set and the relationship between the characters of the set and their coded representation

3.6
code position
part of a code table identified by its column and row coordinates

3.7
code table
table showing the characters allocated to each bit combination in a code

3.8
combining character
member of an identified subset of the coded character set intended for combination either

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