

American National Standard

INCITS/ISO/IEC 9541-4:2009[R2014]

(ISO/IEC 9541-4:2009, IDT)

Information technology - Font information interchange - Part 4: Harmonization to Open Font Format

Developed by



Where IT all begins



INCITS/ISO/IEC 9541-4:2009[R2014]

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Information technology — Font information interchange —

Part 4: Harmonization to Open Font Format

*Technologies de l'information — Échange d'information sur les polices
de caractères —*

Partie 4: Harmonisation au format de police de caractères ouvert

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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. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

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ISO/IEC 9541-4 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

ISO/IEC 9541 consists of the following parts, under the general title *Information technology — Font information interchange*:

- *Part 1: Architecture*
- *Part 2: Interchange format*
- *Part 3: Glyph shape representation*
- *Part 4: Harmonization to Open Font Format*

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Introduction

ISO/IEC 9541 is a font information interchange standard and is designed to be independent of any concrete font file format. The Open Font Format (ISO/IEC 14496-22) is a font file format specification that is based on the TrueType font file format. With regard to the handling and utilization of the typographic properties stored in OFF file, ISO/IEC 14496-22 describes the implementations on Microsoft Windows or IBM OS/2 only. Therefore, ISO/IEC 14496-22 does not specify the method for defining a font resource in ISO/IEC 9541 architectures from a given OFF file, because it is out of the scope. ISO/IEC 9541-4 fills the gap between OFF file and font resource in ISO/IEC 9541.