INTERNATIONAL STANDARD

ISO/IEC 24786

First edition
2009-12-15

Information technology — User interfaces — Accessible user interface for accessibility settings

Technologies de l'information — Interfaces utilisateurs — Interface utilisateur accessible pour le paramétrage de l'accessibilité

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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ISO/IEC 24786 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 35, *User interfaces*.

Introduction

People with disabilities (e.g. visual, hearing, physical) can experience difficulties in accessing computers and other information/communication technology (ICT) devices. Accessible user interfaces, as described in this International Standard, can help them to operate computers.

In order to effectively operate accessible user interfaces, users need to be able to adjust accessibility settings prior to use. If this is not possible, some people will not be able to access these devices without help from another party.

This International Standard will make the information technologies more accessible by ensuring that people with disabilities can adjust accessibility settings by themselves.

Information technology — User interfaces — Accessible user interface for accessibility settings

1   Scope

This International Standard specifies requirements and recommendations for making accessibility settings accessible. It provides guidance on specific accessibility settings. It specifies how to access and operate the accessibility setting mode, and how to directly activate specific accessibility features.

This International Standard applies to all operating system user interfaces on computers, but can also be applied to other types of information/communication technology, where appropriate.

This International Standard does not apply to the user interface before the operating system is loaded and active.

2   Conformance

The computer is conformant to ISO/IEC 24786 Level 1 if it meets all requirements of Clause 5, but does not meet all recommendations of Clause 5.

The computer is conformant to ISO/IEC 24786 Level 2 if it meets all requirements and recommendations of Clause 5.

3   Normative references

The following referenced documents are indispensable for the application 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.

ISO/IEC 2382-1:1993, *Information technology — Vocabulary — Part 1: Fundamental terms*

ISO 9241-171:2008, *Ergonomics of human-system interaction — Part 171: Guidance on software accessibility*