
**Information technology — User
interface guidelines on menu
navigation —**

**Part 2:
Navigation with 4-direction devices**

*Technologies de l'information — Directives sur la navigation dans les
menus d'interfaces utilisateurs —*

Partie 2: Navigation avec des commandes quadridirectionnelles

Document Preview

[ISO/IEC 17549-2:2020](https://standards.iteh.ai/catalog/standards/iso/0be44b7d-c251-4fe2-93bf-a5ddce5f92ef/iso-iec-17549-2-2020)

<https://standards.iteh.ai/catalog/standards/iso/0be44b7d-c251-4fe2-93bf-a5ddce5f92ef/iso-iec-17549-2-2020>



Reference number
ISO/IEC 17549-2:2020(E)

© ISO/IEC 2020

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO/IEC 17549-2:2020

<https://standards.iteh.ai/catalog/standards/iso/0be44b7d-c251-4fe2-93bf-a5ddce5f92ef/iso-iec-17549-2-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Conformity	2
5 Basic considerations	2
5.1 Common and general ergonomic aspects.....	2
5.2 Designing rendering (display screen, audio display, tactile display).....	4
5.2.1 Visual design of ladder menu.....	4
5.2.2 Visual designing of tile menu.....	4
6 Recommended practice on structure of, and operation of, ladder menus	4
6.1 Ladder structure.....	4
6.2 Recommended types of operation of the ladder menus for the hierarchy.....	5
7 Recommended practices on structure of and operation of tile menus	7
7.1 Structure of tile menus.....	7
7.2 Navigation for selecting tile menus.....	7
7.3 Recommended types of operation of the tile menus for the hierarchy.....	8
Annex A (informative) Advantages and disadvantages depending on navigation types	10
Bibliography	12

Document Preview

[ISO/IEC 17549-2:2020](https://standards.iteh.ai/catalog/standards/iso/0be44b7d-c251-4fe2-93bf-a5ddce5f92ef/iso-iec-17549-2-2020)

<https://standards.iteh.ai/catalog/standards/iso/0be44b7d-c251-4fe2-93bf-a5ddce5f92ef/iso-iec-17549-2-2020>

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents) or the IEC list of patent declarations received (see <http://patents.iec.ch>).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

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

This second edition cancels and replaces the first edition (ISO/IEC 17549-2:2015), of which it constitutes a minor revision.

The main changes compared to the previous edition are as follows:

- in [Figures 2, 3, and 4](#) supplementary explanations have been moved into notes;
- the alternative text for all figures has been included as alternative text in the PDF rather than provided in notes beneath the figures;
- an editorial error in [Table 2](#) has been corrected;
- Annex B (informative), which was erroneously included, has been deleted;
- ISO/IEC Guide 37 and IEC 82079-1 have been moved from Clause 2 to the Bibliography as they are not cited normatively in the text;
- minor editorial corrections have been made throughout the document to fully align with ISO/IEC Directives.

A list of all parts in the ISO/IEC 17549 series can be found on the ISO website.

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.