ISO/IEC 30071-1:2019 (E)

Information technology — Development of user interface accessibility — Part 1: Code of practice for creating accessible ICT products and services

Contents

Foreword

Introduction

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
 - 3.1 Accessibility and related definitions
 - 3.2 Users and systems related definitions
 - 3.3 Definitions relating to developing accessibility
- 4 Conformity
- 5 Introduction to ICT accessibility within an organization
- 6 Responsibilities and documentation for embedding accessibility of ICT systems within an organization
 - 6.1 Taking responsibility and setting policy
 - 6.2 Contents of an organizational ICT accessibility policy
 - 6.3 Organizational ICT accessibility goals
 - 6.4 Accessibility considerations in the organization's ICT policies
- 7 Embedding ICT accessibility within the system development life cycle
 - 7.1 Taking accessibility into account throughout ICT system development
 - 7.2 Making justifiable decisions on accessibility
 - 7.3 Assuring accessibility throughout the system life cycle
 - 7.4 Creating accessibility logs and statements for each ICT system
 - 7.5 Contents of an ICT system accessibility log
 - 7.6 Contents of an ICT system accessibility statement
- 8 Activities in ICT system development or procurement
 - 8.1 Performing and documenting accessibility activities
 - 8.2 Activities
 - 8.2.1 Activity 1: Specify widest range of potential users
 - 8.2.2 Activity 2: Specify user goals and tasks
 - 8.2.3 Activity 3: Specify user accessibility needs
 - 8.2.4 Activity 4: Specify accessibility requirements
 - 8.2.5 Activity 5: Specify accessibility design approach
 - 8.2.6 Activity 6: Ensure accessibility requirements are met
 - 8.2.7 Activity 7: Ensure communication about accessibility
 - 8.2.8 Activity 8: Ensure integration of accessibility in system updates

Annex A (informative) Applying the accessibility goals of ISO/IEC Guide 71:2014

- A.1 Suitability for the widest range of users
- A.2 Conformity with user expectations
- A.3 Support for individualization
- A.4 Approachability
- A.5 Perceivability
- A.6 Understandability
- A.7 Controllability
- A.8 Usability

- A.9 Error tolerance
- A.10 Equitable use
- A.11 Compatibility with other systems

Annex B (informative) Application of Clause 8

- B.1 General
- B.2 Further information on activities in subclause 8.2
- B.2.1 Further information for Activity 1: Specify widest range of potential users
- B.2.2 Further information for Activity 2: Specify user goals and tasks
- B.2.3 Further information for Activity 3: Specify user accessibility needs
- B.2.4 Further information for Activity 4: Specify accessibility requirements
- B.2.5 Further information for Activity 5: Specify accessibility design approach
- B.2.6 Further information for Activity 6: Ensure accessibility requirements are met
- B.2.7 Further information for Activity 7: Ensure communication about accessibility
- B.2.8 Further information for Activity 8: Ensure integration of accessibility in system updates

Annex C (informative) Sources of ICT accessibility guidelines

- C.1 User accessibility needs
- C.2 Accessibility guidance for software, content and hardware
- C.3 Accessibility guidance for development tools
- C.4 Accessibility guidance supporting diverse platforms and assistive technologies
- C.5 Personalization guidelines for individualized ICT system adaptability
- C.6 Accessibility guidelines for diverse systems and devices utilizing ICT

Annex D (informative) Accessibility testing methods

- D.1 Manual conformity testing
- D.2 Assistive technologies and platform accessibility settings testing
- D.3 Cognitive walkthroughs
- D.4 User testing with diverse users
- D.5 Automated conformity testing
- Annex E (informative) Drivers of accessibility
- Annex F (informative) Checklists for ISO/IEC 30071-1

Page count: 50