ISO/IEC 24751-2:2008-10 (E)

Information technology - Individualized adaptability and accessibilit y in e-learning, education and training - Part 2: "Access for all" personal needs and preferences for digital delivery

Contents

Page

Foreword v

1 Scope 1

2 Normative references 1
2.1 ISO/IEC 1
2.2 Referenced specifications 1

3 Terms and definitions 2

4 Symbols and abbreviations 5

5 Basic Principles 5
5.1 Functional Approach 6
5.2 Creating a Personal Needs and Preferences Statement 6
5.3 Display, Control and Content 6
5.4 Multiple Contexts 6
5.5 Needs and Preferences 6
5.6 Generic versus Application Specific 7

6 Information Model 7
6.1 General 7
6.2 Display 8
6.3 Control 10
6.4 Content 17

7 Attribute Descriptions and Recommended Use 17
7.1 Access for All user preference set 17

8 Conformance 49

Annex A (normative) Consolidated List of Terms and Definitions with Cultural Adaptability: ISO French Language Equivalency 50

A.1 Introduction 50
A.2 ISO English and ISO French 50
A.3 Cultural adaptability and quality control 50
A.4 List of Terms in French Alphabetical Order 51
A.5 Organization of Annex A.6 "Consolidated matrix of terms and definitions - ISO French equivalents" 53
A.6 Consolidated Matrix of ISO/IEC 24751-2 Terms and Definitions in ISO French 54

Annex B (normative) Vocabulary Codes 58

B.1 Access Mode Vocabulary Codes 58
B.2 Adaptation Type Vocabulary Codes 59
B.3 Alphanumeric Layout Vocabulary Codes 60
B.4 Auto Scan Repeat Vocabulary Codes 61
B.5 Braille Dot Number Vocabulary Codes 61

B.6 Braille Grade Vocabulary Codes 62
B.7 Braille Mark Vocabulary Codes 62
B.8 Braille Status Cell Vocabulary Codes 64
B.9 Code Termination Signal Vocabulary Codes 64
B.10 Code Vocabulary Codes 65
B.11 Components Shown Vocabulary Codes 65
B.12 Content Density Vocabulary Codes 66
B.13 Control Flexibility Vocabulary Codes 66
B.14 Controller Window Vocabulary Codes 67
B.15 Generic Font Face Vocabulary Codes 67
B.16 Handedness Vocabulary Codes 68
B.17 Hazard Vocabulary Codes 69
B.18 Link Indication Vocabulary Codes 70
B.19 Mouse Emulation Device Vocabulary Codes 71
B.20 Navigation Strategy Vocabulary Codes 71
B.21 Prediction Type Vocabulary Codes 72
B.22 Reading Unit Vocabulary Codes 72
B.23 Representation Form Vocabulary Codes 73
B.24 Selection Method Vocabulary Codes 75
B.25 Speech Component Vocabulary Codes 76
B.26 Support Tool Vocabulary Codes 76
B.27 Switch Function Vocabulary Codes 78
B.28 Switch Port Vocabulary Codes 78
B.29 System Sounds Vocabulary Codes 79
B.30 Tracking Vocabulary Codes 80
B.31 Usage Vocabulary Codes 81
B.32 Vocabulary Vocabulary Codes 82
B.33 Window Layout Vocabulary Codes 82

Annex C (informative) Recommended Default Values 83

Annex D (informative) Bindings and Implementations 85

Annex E (informative) Scenarios 86

E.1 Administration Scenario 86
E.2 Department of Labor Scenario 87
E.3 NETg Scenario: Player Preferences 88
E.4 PEARL Scenario 88
E.5 PIVoT Scenario 89
E.6 Web-4-All Scenario 90

Annex F (informative) Implementation Example 92

Annex G (informative) List of contributors 94

Bibliography 95