



**International
Standard**

ISO/IEC 24216-1

**Information technology — User
interface requirements and
guidelines on avatars —**

**Part 1:
General**

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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Descriptions about the avatar	1
4.1 Use of unified attribute categories for avatar identification.....	1
4.2 Description about the use of avatar.....	2
4.3 Accessibility of the description about the use of avatar.....	2
5 Categories of avatar	2
5.1 Category based on body tracking.....	2
5.2 Category based on finger tracking.....	3
5.3 Category based on facial tracking.....	3
5.4 Category based on visibility of body parts.....	3
5.5 Category based on shape.....	4
5.6 Category based on perspective.....	4
5.7 Category based on appearance.....	4
5.8 Category based on input device information.....	5
5.9 Category based on body ownership.....	5
5.10 Category based on the source of the avatar.....	6
6 Appearance design	6
6.1 General.....	6
6.2 Customization of appearance design.....	6
7 Non-verbal communication design	6
7.1 General.....	6
7.2 Facial expression.....	6
7.3 Gestures, body and hand expressions.....	6
8 Sensory feedback design	7
8.1 General.....	7
8.2 Explanation of feedback information.....	7
9 Embodiment design	7
9.1 General.....	7
9.2 Customization of embodiment design.....	7
10 Ethical confirmation	7
10.1 General.....	7
10.2 Appearance.....	8
10.3 Gender and gender identity.....	8
10.4 Culture.....	8
10.5 Sexual expression.....	8
10.6 Expression of violence.....	9
11 Management of avatar	9
11.1 General.....	9
11.2 Information for avatar's action.....	9
11.3 Use of imported avatar.....	9
12 Personality of avatar	10
12.1 General.....	10
12.2 Information for use of avatar.....	10
Bibliography	11

Foreword

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

A list of all parts in the ISO/IEC 24216 series can be found on the ISO and IEC websites.

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 and www.iec.ch/national-committees.

Introduction

This document provides user interface guidelines on avatars, identification of avatars by categories of presentation and functions about avatar user interfaces. The purpose of this document is to improve accessibility and usability for both users and providers of contents using avatars by clarifying the terms and design considerations of features and functions. This document contributes to the respect for diversity and the prevention of human rights violations in the use of avatars. This document helps users appropriately express their own identity through avatars and prevents them from being forced to use an unpreferred avatar. This document helps prevent the problem of giving a negative image to avatars contrary to the creator's intention.

In this document, requirements and recommendations are addressed by the data and functions of an avatar itself, by the content using the avatar, or by the system or application that provides the content.

Information technology — User interface requirements and guidelines on avatars —

Part 1: General

1 Scope

This document provides requirements and recommendations for creators, designers, producers, exhibitors and distributors of user interfaces using avatars in their systems, applications and contents.

This document defines the term “avatar” and provides a categorization of avatars based on their presentation and function.

This document also refers to considerations of ethical and usability aspects in the design, distribution and operation processes of avatars.

This document applies to all fields of information technology that use avatars in their content, including entertainment and business applications in virtual reality, augmented reality, mixed reality, cyber-physical systems, metaverse and interverse.

2 Normative references

There are no normative references in this document.

Bibliography

- [1] ISO/IEC 20071 (all parts), *Information technology — User interface component accessibility*