<u>**BUREAU OF INDIAN STANDARDS**</u>
DRAFT FOR COMMENTS ONLY

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

Draft Indian Standard

Information technology
Individualized adaptability and accessibility in e-learning, education and training Part 4: "Access for all" framework for individualized accessibility and registry server application programming interface (API)

ई-लर्निंग, शिक्षा और प्रशिक्षण में सूचना प्रौद्योगिकी वैयक्तिक अनुकूलनीयता और अभिगम्यता भाग 4: वैयक्तिक अभिगम्यता एवं पंजीयन सर्वर अनुप्रयोग प्रोग्रेमिंग अंतपृष्ट (एपीआई) हेतु 'सभी के लिए अभिगम्य' रूपरेखा

ICS: 03.100.30 35.240.90
©BIS 2023

LITD 19 E-Learning Sectional Committee	Last date for comments: 11 Feb 2024

NATIONAL FOREWORD

(Formal clauses will be added later)

This Draft Indian Standard (Part 04) which is identical with ISO/IEC 24751-4:2023 'Information technology Individualized adaptability and accessibility in e-learning, education and training Part 4: "Access for all" framework for individualized accessibility and registry server application programming interface (API)' issued by International Organization Standardization (ISO) and International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of E-Learning Sectional Committee LITD 19 and approval of the Electronics and Information Technology Division.

Other parts of IS/ISO/IEC 24751 series are already published as Indian standards.
Part 1 Framework and Reference Model
Part 2 Access for all personal needs and preferences for digital delivery
Part 3 "Access for all" digital resource description

The text of ISO/IEC Standard *may be* approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
b) Comma (,) has been used as a decimal marker while in Indian Standards, the current Practice is to use a point (.) as the decimal marker.

The technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

International Standards	Title
ISO/IEC 10646	Information technology — Universal coded character set (UCS)
IETF BCP 47	Tags for Identifying Languages
IETF RFC 2046	Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types

IETF RFC 3986	Uniform Resource Identifier (URI): Generic Syntax
IETF RFC 3987	Internationalized Resource Identifiers (IRIs)
IETF RFC 7159	The JavaScript Object Notation (JSON) Data Interchange Format
IETF RFC 7231	Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content

Scope of ISO/IEC 24751-4:2023 is as follows:

This document specifies an AfA concept registry service, in particular:
— requirements on registries;
— requirements on concept submissions;
— a data format (in JSON) for the exchange of registry entries (AfA concept records) between registry servers;
— a set of RESTful operations for AfA concept registry servers to allow for the manipulation of AfA concept registry entries by external clients other than server-internal web interfaces.

Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO/IEC Standard. For details please refer to ISO/IEC 24751-4:2023 or kindly contact.

Head,
Electronics & IT Department
Bureau of Indian Standards
9, B.S. Zafar Marg,
New Delhi-110002
Email: **litd@bis.gov.in, litd19@bis.gov.in**