# ISO 24751 Revision

# Part 1: Framework

Editor’s meeting resolutions:

## Scope

* This standard applies to personalization on demand enabled by ICT and networked systems
* This standard is not restricted to classic notions of disability and takes an integrated approach, it is intended for all users as every user can experience a mismatch of their individual needs and preferences and the content or services delivered
* This standard is framed to support the perspective and understanding of the individual user (in contrast to the technical specifics of an implementation)

## Exclusions

* The standard will be “implementation neutral” to enable innovation and advances in implementations. As such the standard will not standardize the binding, format, structure or ontology to be used.

## Basic Principles

* The standard is constructed to enable interoperability as well as innovation and extensions, not to constrain
* The standard recognizes each user as an individual with individual needs and preferences
* The personal needs and preferences of an individual will differ across situations and each individual can have multiple needs and preferences statements,
* Each individual should be enabled to continuously refine the match provided and their individual needs and preference statements
* The standard will be “implementation neutral” to enable innovation and advances in implementations (binding, format, structure, or ontology)
* The standard will be interoperable with MLR
* Only the user makes a judgment regarding the urgency or importance of a needs and preference request
* Terms not in the registry can be used in implementing AccessForAll

## Terms

##### Personal Needs and Preferences (PNP) statement

A set of requests regarding the needs and preference of the individual. Each individual may have multiple PNP statements.

##### Situation

A collection of conditions from the perspective of the individual, this is used to specify when a PNP statement applies.\*

\*(The stress is on the individual’s perspective. A condition may be that it is raining but the individual’s situation is that it is raining but they are currently equipped with an umbrella)

##### AccessForAll Registry

A registry of terms to be used in creating PNP statements, resource descriptions, pull statements\* and other functions in support of personalization on demand enabled by ICT and networked systems.

\*(Pull statements are requests to fill gaps in meeting a PNP statement)

## Referenced Standards

11179 Information technology --- Metadata registries (MDR)

MLR

## Description of AccessForAll Registry

* The registry will support interoperability and re-use of terms while enabling agile updating and extensions
* The registry will not standardize the binding to be used.
* The registry will establish a mechanism to enable open and public proposals for new terms
* To support interoperability and reuse the registry will establish classes of terms and an agreed upon structure and format for listing terms
* The content of the registry will be interoperable with popular meta-data standards, including the MLR
* Use of the terms within the registry will be free and open
* The registry will establish a lightweight, minimally formalized process for sanctioning new terms

## Structure of Parts of Standard

There is no longer a need for a two part matching structure for the standard (e.g., PNP and DRD) as this is addressed by the registry.

There will be a separate part to the standard that sets out the policies of the AccessForAll Registry

There will be informative annexes that illustrate how the standard can be applied.