A future standardization candidate:

Personalized information interchange for multimedia system and equipments

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1. Background

Multimedia system and equipments increase their functionalities to satisfy their user requirements and result in implementation of a number of user-customizable functionalities:

- customizable for user specific operations

e.g. folder option in Windows

- customizable for user specific features

e.g. language for user interface

- customizable for user preference

e.g. illumination in mobile phone

Here we call those customized values "personalized information"

When we change our system or equipment to new one, we have to make the customization again for the new one. Today it takes a long time to complete the customization due to a number of those functionalities included in our multimedia system or equipment.

Customized values and their representations of those functionalities are apt to be different between old system/equipment and new system/equipment.

The personalized information should be exported from an old system/equipment and imported to a new one. To make the export/import be feasible, the customizable functionalities and their value representation (personalized information) have to be standardized.

2. Some implementation

The transport wizard in Windows could be an example tool of implementation for customizable functionalities. However it can only be applied to Windows, cannot be applied to Linux.

3. Application

The personalized information interchange can be applied to

- mobile phone

- digital television

- car navigation systems

- OS

- etc.