ISO/IEC 29341-28-1:2017-09 (E)

Information technology - UPnP Device Architecture - Part 28-1: Multiscreen device control protocol - Multiscreen architecture

Contents

Page

1 Scope iv

2 Normative references 1

3 Terms, definitions, symbols and abbreviations 2

4 Notations and Conventions 3
4.1 Notation 3
4.1.1 Data Types 3
4.1.2 Strings Embedded in Other Strings 4
4.2 Derived Data Types 4
4.2.1 CSV Lists 4
4.2.2 XML Document 5
4.2.3 XML Fragment 6
4.3 Management of XML Namespaces in Standardized DCPs 6
4.3.1 Namespace Prefix Requirements 7
4.3.2 Namespace Names, Namespace Versioning and Schema Versioning 8
4.3.3 Namespace Usage Examples 10
4.4 Vendor-defined Extensions 10
4.4.1 Vendor-defined Action Names 10
4.4.2 Vendor-defined State Variable Names 11
4.4.3 Vendor-defined XML Elements and attributes 11

5 Multi-Screen Architectural Overview 11
5.1 Screen Device 11
5.2 Screen Control Point 12

Table 1 -- CSV Examples 5

Table 2 -- Namespace Definitions 7

Table 3 -- Schema-related Information 7

Table 4 -- Default Namespaces for the Multi-Screen Specifications 8