

ISO/IEC 29341-4-2:2008-11 (E)

Information technology_ - UPnP Device Architecture_ - Part_4-2: Audio Video Device Control Protocol_ - Level 2_ - Media Renderer Device

CONTENTS

- FOREWORD4
- ORIGINAL UPNP DOCUMENTS (informative)6
- 1 Overview and Scope8**
 - 1.1 Introduction8
 - 1.2 Notation8
 - 1.2.1 Data Types9
 - 1.2.2 Strings Embedded in Other Strings.....9
 - 1.2.3 Extended Backus-Naur Form.....10
 - 1.3 Derived Data Types10
 - 1.3.1 Comma Separated Value (CSV) Lists10
 - 1.4 Management of XML Namespaces in Standardized DCPs.....11
 - 1.4.1 Namespace Prefix Requirements14
 - 1.4.2 Namespace Names, Namespace Versioning and Schema Versioning.....15
 - 1.4.3 Namespace Usage Examples.....16
 - 1.5 Vendor-defined Extensions16
 - 1.6 References17
- 2 Device Definitions20**
 - 2.1 Device Type20
 - 2.2 Device Model20
 - 2.2.1 Description of Device Requirements.....21
 - 2.2.2 Relationships Between Services21
 - 2.3 Theory of Operation.....21
 - 2.3.1 Device Discovery.....22
 - 2.3.2 Preparing to Transfer the Content22
 - 2.3.3 Controlling the Transfer of the Content.....22
 - 2.3.4 Controlling How the Content is Rendered22
- 3 XML Device Description23**
- 4 Test25**

LIST OF TABLES

Table 1-1:	EBNF Operators	10
Table 1-2:	CSV Examples	11
Table 1-3:	Namespace Definitions.....	13
Table 1-4:	Schema-related Information	14
Table 1-5:	Default Namespaces for the AV Specifications	15
Table 2-6:	Device Requirements	20

LIST OF FIGURES

Figure 1:	MediaRenderer Functional Diagram	8
-----------	----------------------------------------	---