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Information technology — UPnP Device Architecture —

Part 12-11: Remote User Interface Device Control Protocol - Remote User Interface Server Service

Technologies de l'information — Architecture de dispositif UPnP —

Partie 12-11: Protocole de contrôle de dispositif d'interface utilisateur à distance — Service serveur d'interface utilisateur à distance

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Foreword

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ISO/IEC 29341-12-11 was prepared by UPnP Implementers Corporation and adopted, under the PAS procedure, by joint technical committee ISO/IEC JTC 1. Information technology, in parallel with its approval by national bodies of ISO and IEC.

This second edition replaces the first edition (ISO/IEC 29341-12-11:2008), which has been technically revised.

The list of all currently available parts of ISO/IEC 29341 series, under the general title *Information technology — UPnP Device Architecture*, can be found on the ISO web site.

Introduction

ISO and IEC draw attention to the fact that it is claimed that compliance with this document may involve the use of patents as indicated below.

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Original UPnP Document

Reference may be made in this document to original UPnP documents. These references are retained in order to maintain consistency between the specifications as published by ISO/IEC and by UPnP Implementers Corporation. The following table indicates the original UPnP document titles and the corresponding part of ISO/IEC 29341:

UPnP Document Title	ISO/IEC 29341 Part
UPnP Device Architecture 1.0	ISO/IEC 29341-1
UPnP Basic:1 Device	ISO/IEC 29341-2
UPnP AV Architecture:1	ISO/IEC 29341-3-1
UPnP MediaRenderer:1 Device	ISO/IEC 29341-3-2
UPnP MediaServer:1 Device	ISO/IEC 29341-3-3
UPnP AVTransport:1 Service	ISO/IEC 29341-3-10
UPnP ConnectionManager:1 Service	ISO/IEC 29341-3-11
UPnP ContentDirectory:1 Service	ISO/IEC 29341-3-12
UPnP RenderingControl:1 Service	ISO/IEC 29341-3-13
UPnP MediaRenderer:2 Device	ISO/IEC 29341-4-2
UPnP MediaServer:2 Device	ISO/IEC 29341-4-3
UPnP AV Datastructure Template:1	ISO/IEC 29341-4-4
UPnP AVTransport:2 Service	ISO/IEC 29341-4-10
UPnP ConnectionManager:2 Service	ISO/IEC 29341-4-11
UPnP ContentDirectory:2 Service	ISO/IEC 29341-4-12
UPnP RenderingControl:2 Service	ISO/IEC 29341-4-13
UPnP ScheduledRecording:1	ISO/IEC 29341-4-14
UPnP DigitalSecurityCamera:1 Device	ISO/IEC 29341-5-1
UPnP DigitalSecurityCameraMotionImage:1 Service	ISO/IEC 29341-5-10
UPnP DigitalSecurityCameraSettings:1 Service	ISO/IEC 29341-5-11
UPnP DigitalSecurityCameraStillImage:1 Service	ISO/IEC 29341-5-12
UPnP HVAC_System:1 Device	ISO/IEC 29341-6-1
UPnP HVAC_ZoneThermostat:1 Device	ISO/IEC 29341-6-2
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UPnP HVAC_FanOperatingMode:1 Service	ISO/IEC 29341-6-11
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INFORMATION TECHNOLOGY – UPNP DEVICE ARCHITECTURE –

Part 12-11: Remote User Interface Device Control Protocol – Remote User Interface Server Service

1. Scope

This service definition is compliant with the UPnP Device Architecture version 1.0.

This service is required for all Remote UI server devices.
It is specified in: **urn:schemas-upnp-org:service:*RemoteUIServerDevice***

2. Normative References

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 29341-4-12, *Information Technology – UPnP Device Architecture – Part 4-12: Audio video Device Control Protocol – Level 2 – Content Directory Service*

IETF RFC 1738, *Uniform Resource Locators (URL)*, Tim Berners-Lee, et. Al., December 1994. Available at: http://www.ietf.org/rfc/rfc1738.txt.

IETF RFC 3986, Uniform Resource Identifiers (URI): Generic Syntax, Tim Berners-Lee, et al, 2005. Available at: http://www.ietf.org/rfc/rfc3986.txt.