ISO/IEC 29341-2

Edition 1.0 2008-11

INTERNATIONAL STANDARD

Information technology – UPnP Device Architecture – Part 2: Basic Device Control Protocol – Basic Device

ISO/IEC 29341-2:2008(E)

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Information technology – UPnP Device Architecture – Part 2: Basic Device Control Protocol – Basic Device

INTERNATIONAL ELECTROTECHNICAL COMMISSION

PRICE CODE B

ICS 35.200

ISBN 978-2-88910-841-1

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The list of all currently available parts of the ISO/IEC 29341 series, under the general title *Universal plug and play (UPnP) architecture*, can be found on the IEC web site.

This International Standard has been approved by vote of the member bodies, and the voting results may be obtained from the address given on the second title page.

ORIGINAL UPNP DOCUMENTS
(informative)

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
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UPnP ConnectionManager:2 Service	ISO/IEC 29341-4-11
UPnP ContentDirectory:2 Service	ISO/IEC 29341-4-12
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UPnP SecurityConsole:1 Service	ISO/IEC 29341-13-11

1. Overview and Scope

This device template is compliant with the UPnP Device Architecture, Version 1.0.

Basic:1.0 provides a mechanism for products that wish to use UPnP, but for which there is not yet an appropriate standard base device type. The Basic Device type does not define any Services or embedded Devices, although a particular product may incorporate elements defined by other UPnP Standards and/or vendor-defined extension types.

A minimal Basic Device (one that does not add any services or embedded devices) is discoverable using UPnP discovery and may provide identifying information and a Presentation URL using the normal Device Description mechanism.

The Basic Device type also may be useful as the root device type for a product that incorporates standard elements in ways not anticipated by the standard types. For example, a television that also includes room light controls and a printer might choose to use the Basic Device type as the root type, with embedded devices and services chosen from the appropriate standard types.

> **Note:** This definition relies on an Architecture change under consideration in the UPnP Forum Technical Committee: that the definition of the 'servicelist' element be changed to include 'minoccurs="0"'; that is, that it be made an optional element.