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Information technology — Open Document Format for Office Applications (OpenDocument) v1.2 —

Part 1: OpenDocument Schema

Technologies de l'information — Format de document ouvert pour applications de bureau (OpenDocument) v1.2 —

Partie 1: Schéma de document ouvert

Reference number
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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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ISO/IEC 26300-1:2015 was prepared by the OASIS OpenDocument Technical Committee [as OASIS Open Document Format for Office Applications (OpenDocument) v1.0 (second edition)] and was adopted, under the PAS procedure, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by the national bodies of ISO and IEC. The content of ISO/IEC 26300-1 and OASIS OpenDocument v1.0 2nd ed. is identical.

ISO/IEC 26300-1 consists of the following parts, under the general title *Information technology — Open Document Format for Office Applications (OpenDocument) v1.2*:

— *Part 2: Recalculated Formula (OpenFormula) Format*

— *Part 3: Packages*

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Open Document Format for Office Applications (OpenDocument) Version 1.2

Part 1: OpenDocument Schema

OASIS Standard

29 September 2011

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Related work:

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This document is part of the OASIS Open Document Format for Office Applications (OpenDocument) Version 1.2 specification.

The OpenDocument v1.2 specification has these parts:

OpenDocument v1.2 part 1: OpenDocument Schema (this part)
OpenDocument v1.2 part 2: Recalculated Formula (OpenFormula) Format
OpenDocument v1.2 part 3: Packages

OpenDocument v1.2 part 1 defines these schemas and ontologies:

OpenDocument v1.2 Relax NG Schema
OpenDocument v1.2 Metadata Manifest Ontology

Declared XML namespaces:

urn:oasis:names:tc:opendocument:xmlns:animation:1.0
urn:oasis:names:tc:opendocument:xmlns:chart:1.0
urn:oasis:names:tc:opendocument:xmlns:config:1.0
urn:oasis:names:tc:opendocument:xmlns:database:1.0
urn:oasis:names:tc:opendocument:xmlns:dr3d:1.0
urn:oasis:names:tc:opendocument:xmlns:drawing:1.0
urn:oasis:names:tc:opendocument:xmlns:form:1.0
urn:oasis:names:tc:opendocument:xmlns:manifest:1.0
urn:oasis:names:tc:opendocument:xmlns:meta:1.0
urn:oasis:names:tc:opendocument:xmlns:data style:1.0
urn:oasis:names:tc:opendocument:xmlns:office:1.0
urn:oasis:names:tc:opendocument:xmlns:presentation:1.0
urn:oasis:names:tc:opendocument:xmlns:script:1.0
urn:oasis:names:tc:opendocument:xmlns:table:1.0
urn:oasis:names:tc:opendocument:xmlns:text:1.0
urn:oasis:names:tc:opendocument:xmlns:style:1.0
urn:oasis:names:tc:opendocument:xmlns:xsl-fo-compatible:1.0
urn:oasis:names:tc:opendocument:xmlns:svg-compatible:1.0
urn:oasis:names:tc:opendocument:xmlns:smil-compatible:1.0
urn:oasis:names:tc:opendocument:xmlns:of:1.2
http://docs.oasis-open.org/ns/office/1.2/meta/odf#

Abstract:

This document is part of the Open Document Format for Office Applications (OpenDocument) Version 1.2 specification.

It defines an XML schema for office applications and its semantics. The schema is suitable for office documents, including text documents, spreadsheets, charts and graphical documents like drawings or presentations, but is not restricted to these kinds of documents.

Status:

This document was last revised or approved by the OASIS Open Document Format for Office Applications (OpenDocument) TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document.

Technical Committee members should send comments on this specification to the Technical Committee's email list. Others should send comments to the Technical Committee by using the "Send A Comment" button on the Technical Committee's web page at http://www.oasis-open.org/committees/office/.

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When referencing this specification the following citation format should be used:

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Open Document Format for Office Applications (OpenDocument) Version 1.2 Part 1: OpenDocument Schema. 29 September 2011. OASIS Standard. http://docs.oasis-open.org/office/v1.2/os/OpenDocument-v1.2-os-part1.html.

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1 Introduction

1.1 Introduction

This document is part of the Open Document Format for Office Applications (OpenDocument) Version 1.2 specification. It defines an XML schema for office documents. Office documents includes text documents, spreadsheets, charts and graphical documents like drawings or presentations, but is not restricted to these kinds of documents.

The XML schema for OpenDocument is designed so that documents valid to it can be transformed using XSLT and processing with XML-based tools.

1.2 Terminology

All text is normative unless otherwise labeled.

Text with a gray background color which is contained in boxes is informative. It lists the XML element-element and element-attribute relations for cross reference purposes.

Within the normative text of this specification, the terms "shall", "shall not", "should", "should not", "may" and “need not” are to be interpreted as described in Annex H of [ISO/IEC Directives].

Within this specification, attributes and elements are marked as deprecated. Attributes and elements marked as deprecated should not be used any longer, and may be removed from future versions of the specification.

XML Element, attribute names, attribute value types, and attribute values appear in `monospace` font.

This standard, for illustrative purposes, describes functionality using terminology common in desktop computing environments that contain a display terminal, keyboard and mouse, attached to a computer hosting an operating system with a graphical user interface which includes user interface controls such as input controls, command buttons, selection boxes, etc.

This standard is not limited to such environments. This format can be used by alternative computing environments, with other form factors, non-GUI consumers and producers, assistive technologies, using analogous user interface operations.

Implementation-defined is used in this standard for values or processing that may differ between ODF implementations, but is required to be specified by the implementor for each particular ODF-implementation.

Implementation-dependent is used in this standard for values or processing that may differ between ODF implementations, but is not required to be specified by the implementor for each particular ODF-implementation.

1.3 Normative References

[**CSS2**] Bert Bos, Håkon Wium Lie, Chris Lilley, Ian Jacobs, *Cascading Style Sheets, level 2*, http://www.w3.org/TR/1998/REC-CSS2-19980512, W3C, 1998.

[**DCMI**] *Dublin Core Metadata Element Set, Version 1.1: Reference Description*, http://www.dublincore.org/documents/2008/01/14/dces/, Dublin Core Metadata Initiative, 2003.

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