ISO/IEC 26300-3:2015-07 (E)

Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 3: Packages

Table of Contents

1 Introduction....8
1.1 Introduction....8
1.2 Terminology....8
1.3 Normative References....8
1.4 Non Normative References....9
1.5 Namespaces....9
2 Packages, Package Consumers and Package Producers....11
2.1 Introduction....11
2.2 Packages....11
2.2.1 OpenDocument Package....11
2.2.2 OpenDocument Extended Package....12
2.3 Producers....12
2.3.1 OpenDocument Package Producer....12
2.3.2 OpenDocument Package Extended Producer....12
2.4 OpenDocument Package Consumer....12
3 Packages....13
3.1 General....13
3.2 Manifest....13
3.3 MIME Media Type....13
3.4 Encryption....14
3.4.1 General....14
3.4.2 Encryption Process....14
3.5 Digital Signatures....15
3.6 Metadata....15
3.7 Usage of IRIs Within Packages....15
3.8 Preview Image....17
4 Manifest File....18
4.1 Introduction....18
4.2 <manifest:manifest>....18
4.3 <manifest:file-entry>....18
4.4 <manifest:encryption-data>....18
4.5 <manifest:algorithm>....19
4.6 <manifest:start-key-generation>....19
4.7 <manifest:key-derivation>....19

4.8 Manifest Attributes....20
4.8.1 manifest:algorithm-name....20
4.8.2 manifest:checksum....20
4.8.3 manifest:checksum-type....20
4.8.4 manifest:full-path....21
4.8.5 manifest:initialisation-vector....21
4.8.6 manifest:start-key-generation-name....22
4.8.7 manifest:key-size....22
4.8.8 manifest:iteration-count....22
4.8.9 manifest:key-derivation-name....23
4.8.10 manifest:media-type....23
4.8.11 manifest:preferred-view-mode....23
4.8.12 manifest:salt....24
4.8.13 manifest:size....24
4.8.14 manifest:version....24
5 Digital Signatures File....26
5.1 Introduction....26
5.2 <dsig:document-signatures>....26
5.3 <ds:Signature>....26
5.4 Digital Signatures Attributes....28
5.4.1 dsig:version....28
6 Metadata Manifest Files....29
6.1 General....29
6.2 pkg:Document....29
6.3 pkg:File....29
6.4 pkg:MetadataFile....29
6.5 pkg:Element....29
6.6 pkg:hasPart....29
6.7 pkg:mimeType....30
7 Datatypes....31
7.1 Introduction....31
7.2 W3C Schema Datatypes....31
7.3 Other Datatypes....31
7.3.1 namespacedToken....31
Appendix A. Schemas....32
A.1. OpenDocument Manifest Schema....32
A.2. OpenDocument Digital Signature Schema....32
Appendix B. OpenDocument Metadata Manifest Ontology....33
Appendix C. Zip File Structure (Non normative)....34
Appendix D. Changes From “Open Document Format for Office Applications (OpenDocument) v1.1” (Non Normative)....35