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Media Type Registrations for the Open eBook Publication Structure (OEBPS) Package File (OPF)

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Abstract

This document serves to register a media type for the Open eBook Publication Structure (OEBPS) Package Files.

1. Introduction

The present document registers a media type for the Open eBook Publication Structure (OEBPS) Package File (OPF). The OPF file is an XML file that describes an OEBPS Publication [OEBPS]. It identifies all other files in the publication and provides descriptive information about them. OPF and its related standards are maintained and defined by the International Digital Publishing Forum (IDPF).

The media type defined here is needed to correctly identify OPF files when they are edited on disk, referenced in OEBPS Container files, or used in other places where media types are used.

2. Security Considerations

The OPF files contain well-formed XML conforming to the XML 1.0 specification.

Clearly, it is possible to author malicious files which, for example, contain malformed data. Most XML parsers protect themselves from such attacks by rigorously enforcing conformance.

All processors that read OPF files should rigorously check the size and validity of data retrieved.

There is no current provision in the OEBPS Package File standard for encryption, signing, or authentication within the file format.

3. IANA Considerations

IANA has registered the media type application/oebps-package+xml as specified in Section 3.1. The registration uses the template present in [RFC4288].

3.1. Media Type for Downloadable Sounds

Type name:	application
Subtype name:	oebps-package+xml
Required parameters:	none
Optional parameters:	none
Encoding considerations:	OPF files are UTF-8 or UTF-16 encoded XML
Security considerations:	none
Interoperability considerations:	none
Published specification:	Specification is published by the International Digital Publishing Forum and can be found at http://www.idpf.org/oebps/oebps1.2/download/oeb12-xhtml.htm

Applications which use this media type:

1) eBook Technologies, Inc. eBook reading system.
2) Microsoft Reader
3) OSoft reader
4) Content Reserve Publishing System
5) IDPF Container WG
6) PC Reader.com
7) MobiPocket reader

Additional information:

Magic number(s):	none
File extension(s):	.opf
Macintosh file type code(s):	TEXT

Person & email address to contact for further information:	Nick Bogaty (nbogaty@idpf.org)
Intended usage:	COMMON
Restrictions on usage:	None
Author:	International Digital Publishing Forum (www.idpf.org)
Change controller:	International Digital Publishing Forum (www.idpf.org)

4. Normative References

[OEBPS] "Open eBook Publication Structure 1.2", International Digital Publishing Forum (IDPF), New York, NY USA, 2002.

[RFC4288] Freed, N. and J. Klensin, "Media Type Specifications and Registration Procedures", BCP 13, RFC 4288, December 2005.

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