



ONIX for Books: Code Lists Issue 10

10 July 2009

Note: [text in blue](#) indicates an existing code, eg where the status or description has been changed.

New codes for lists used in ONIX 3.0

This section lists changes that have been requested by national groups and others that relate to code lists used in ONIX 3.0. Code lists used only in ONIX 2.1 are not included.

List 9 (Product classification type code)

New code value 07 added to meet a user request.

07	Sender's product category	A product category (<i>not</i> a subject classification) assigned by the sender
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List 24 (Extent unit code)

New code value 03 (already used in *ONIX for Serials*) is needed in ONIX 3.0 since page extents are now sent in the <Extent> composite.

03	Pages	
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List 34 (Text format code) – ONIX 3.0 only

While other code values will remain in the full list, it is proposed that for ONIX 3.0 only the following subset of List 34 will be valid for the *textformat* attribute, used to specify the format in which a text element is sent *within* the ONIX Product Information message. Following a query about code 07, the explanatory text has been expanded slightly.

02	HTML	Other than XHTML
03	XML	Other than XHTML
05	XHTML	
06	Default text format	Default: text in the encoding declared at the head of the message, or in the XML default (UTF-8 or UTF-16) if there is no explicit declaration
07	Basic ASCII text	Plain text containing no tags of any kind, except for the tags & and &t; which XML insists must be used to represent ampersand and less-than characters in text; and with the character set limited to the ASCII range, i.e. valid UTF-8 characters whose character number lies between 32 (space) and 126 (tilde). For use only if it is necessary to signal that the content of a specific element is limited to this very narrow character set.

List 44 (Name code type)

For historical reasons, List 44 is the only identifier type code where the value 01 is not used to mean “proprietary”, and therefore to determine whether an IDTypeName element is valid. For consistency, and to support enhanced validation in an extended version of the schema which is under development, it is proposed that code 02 be deprecated in ONIX 3.0 and replaced by 01. The German ONIX group has pointed out that in ONIX 3.0 List 44 will be used for person name codes as well as organization name codes, so that a value is needed for the DNB Personennamendatei; and the opportunity has been taken to add values for two other schemes for which codes had been assigned elsewhere, but not in List 44, and both of which can apply to persons or corporate bodies.

01	Proprietary	
02	Proprietary	DEPRECATED – use 01
16	ISNI	International Standard Name Identifier
17	DNB-PND	Deutsche Nationalbibliothek Personennamendatei - person name code of the German national library
18	LCCN	A control number assigned to a Library of Congress Name Authority record

List 57 (Unpriced item type code)

New code value required in certain circumstances (notably in Spanish-language markets) when a collection that is not sold as a set is nevertheless assigned an ISBN and has its own ONIX record. This was referred to in the paper *How to describe sets, series and multiple-item products*, but was inadvertently overlooked in Issue 9.

05	Not sold as set	When a collection that is not sold as a set nevertheless has its own ONIX record
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List 65 (Product availability)

New code 50 required for the reasons noted under List 57 above. As part of the input to Issue 10, national groups were asked to comment on the appropriateness of the existing codes (12, 23 and 48) for POD products. Although there was some willingness to dispense with codes 12 and 48, and treat POD items on the same basis as stock items, there was sufficient support for all the existing codes to justify their retention. It was also suggested that we should rename code 23 as “POD”.

23	POD	Available from us by print-on-demand (<i>Revised description of existing code</i>)
50	Not sold as set	When a collection that is not sold as a set nevertheless has its own ONIX record

List 73 (Website role)

A user request on the listserv (Chris Harris, 12 June 2009) raised the need for additional coding to cover a supplier’s B2B (and, by logical extension, B2C) website. The following new values have been added.

33	Supplier’s corporate website	A corporate website operated by a distributor or other supplier (not the publisher)
34	Supplier’s B2B website	A website operated by a distributor or other supplier (not the publisher) and aimed at trade customers
35	Supplier’s B2C website	A website operated by a distributor or other supplier (not the publisher) and aimed at consumers
36	Supplier’s website for a specified work	A distributor or supplier’s webpage describing a specified work
37	Supplier’s B2B website for a specified work	A distributor or supplier’s webpage describing a specified work, and aimed at trade customers
38	Supplier’s B2C website for a specified work	A distributor or supplier’s webpage describing a specified work, and aimed at consumers
39	Supplier’s website for a group or series of works	A distributor or supplier’s webpage describing a group or series of works

List 74 (Language code - ISO 639-2/B)

Recent changes in ISO 639-2/B have been incorporated into ONIX code lists. Apart from minor name changes that do not affect the use of the codes, they are as follows:

hrv	Croatian	
mol	Moldavian; Moldovan	DEPRECATED - use rum (existing code)
scc	Serbian	DEPRECATED - use srp (new code)
scr	Croatian	DEPRECATED - use hrv (new code)
srp	Serbian	

List 79 (Product form feature type)

New codes 06 and 07 arise from recent user requests. New codes 30 to 37 requested by Canada for communicating details of Certified and Recycled paper content in printed books. This is becoming mandatory in the Canadian retail supply chain, and may be required in the US and elsewhere. It is recognised that for some ISBNs where there are multiple printings by different printers, there would be different certifications for different “lots”. In these circumstances, it is expected that the ONIX record would carry the latest certification; or, for simultaneous parallel print runs, the lowest certification.

06	Operating system	A computer or handheld device operating system required to use a digital product, with version detail if applicable. The accompanying Product Form Feature Value is a code from List 176. Version detail, when applicable, is carried in Product Form Feature Description.
07	Other system requirements	Other system requirements for a digital product, described by free text in Product Form Feature Detail.
30	Not FSC or PEFC certified	Product does not carry FSC or PEFC logo. The product may, however, have a claimed Post-Consumer-Waste (PCW) content (type code 37).
31	FSC certified – pure	Product carries FSC logo (pure). <ProductFormFeatureValue> is the Chain Of Custody (COC) number printed on the book. Format: two to five letters-COC-six numerals, eg AB-COC-123456 or ABCDE-COC-123456. By definition, a product certified pure does not contain Post-Consumer-Waste (PCW), so type code 31 can only occur on its own.
32	FSC certified – mixed sources	Product carries FSC logo (mixed sources). <ProductFormFeatureValue> is the Chain Of Custody (COC) number printed on the book. Format: two to five letters-COC-six numerals, eg AB-COC-123456 or ABCDE-COC-123456. May be accompanied by a Post-Consumer-Waste (PCW) percentage value, to be reported in another instance of <ProductForm Feature> with type code 36.
33	FSC certified – recycled	Product carries FSC logo (recycled). <ProductFormFeatureValue> is the Chain Of Custody (COC) number printed on the book. Format: two to five letters-COC-six numerals, eg AB-COC-123456 or ABCDE-COC-123456. Should be accompanied by a Post-Consumer-Waste (PCW) percentage value, to be reported in another instance of <ProductFormFeature> with type code 36.
34	PEFC certified	Product carries PEFC logo (certified). <ProductFormFeatureValue> is the Chain Of Custody (COC) number printed on the book. May be accompanied by a Post-Consumer-Waste (PCW) percentage value, to be reported in another instance of <ProductFormFeature> with type code 36.
35	PEFC recycled	Product carries PEFC logo (recycled). <ProductFormFeatureValue> is the Chain Of Custody (COC) number printed on the book. Should be accompanied by a Post-Consumer-Waste (PCW) percentage value, to be reported in another instance of <ProductFormFeature> with type code 36.
36	FSC or PEFC certified Post Consumer Waste (PCW) percentage	The percentage of Post-Consumer-Waste (PCW) used in a product where the composition is certified by FSC or PEFC. <ProductForm FeatureValue> is an integer. May occur together with type code 32, 33, 34 or 35.
37	Claimed Post Consumer Waste (PCW) percentage	The percentage of Post-Consumer-Waste (PCW) claimed to be used in a product where the composition is not certified by FSC or PEFC. <Product FormFeatureValue> is an integer. <ProductFormFeatureDescription> may carry free text supporting the claim. Must be accompanied by type code 30.

List 83 (Bible version)

BISAC have requested codes for two new Spanish-language Bible translations.

NTV	Nueva Traducción Viviente	A Spanish translation from the original Greek and Hebrew, sponsored by Tyndale House.
NVD	Nueva Biblia al Día	A Spanish translation from the original Greek and Hebrew, sponsored by the International Bible Society/Sociedad Bíblica Internacional.

List 149 (Title element level) – ONIX 3.0 only

As a result of correspondence on the ONIX Implement listserv, a new code value is proposed to allow the titles of multiple works in a combined or “omnibus” edition, or of chapters in a book, to be sent in a structured form.

04	Content item	The title element refers to a content item within a product, eg a work included in a combined or ‘omnibus’ edition, or a chapter in a book.
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List 150 (Product form)

A revised approach to the encoding of “record books” was requested by Finland, in order to enable such products to be specified as “hardback” or “paperback/softback”. There was a difference of opinion over possible ways of doing this. The consensus of those national groups who have commented in detail is that we should keep the existing coding of “book-shaped” stationery products in List 7 / List 150, and add provision to encode binding types for such items in Product Form Detail. The deciding arguments were that (a) the ONIX format is about books, not stationery, and this distinction should not be blurred at the top level; (b) stationery items are strictly ineligible for ISBNs; and (c) in some countries stationery and books are treated differently for tax purposes.

This approach permits any “book-shaped” stationery item to be qualified as hardback, softback, etc, if so required, while retaining its top-level coding as a stationery item, and avoiding any possibility of confusion with books as such. It is admittedly an inversion of the handling of hardback and softback elsewhere, and in that sense inconsistent; but from a pragmatic viewpoint it is considered to be the best way of dealing with what is in ONIX terms a somewhat peripheral product type.

This leads to the following changes: revised notes on existing codes PB, PF, PL, PR and PS, shown in the table below; and new code values P201 to P204 in List 78 / List 175.

In addition, BISAC requested clarification of the description of code BK; and a new code BP was requested by BIC.

New “L” codes for digital product licenses were omitted from Code Lists Issue 9.

BK	Novelty book	A book whose novelty consists wholly or partly in a format which cannot be described by any other available code – a ‘conventional’ format code is always to be preferred. One or more product form detail codes from List 78 / 175, eg from the B2nn group, should be used whenever possible to provide additional description. <i>(Revised description of existing code)</i>
BP	Foam book	A children’s book whose cover and pages are made of foam
LA	Digital product license	Digital product license (delivery method not encoded)
LB	Digital product license key	Digital product license delivered through the retail supply chain as a physical “key”, typically a card or booklet containing a code enabling the purchaser to download the associated product
LC	Digital product license code	Digital product license delivered by email or other electronic distribution, typically providing a code enabling the purchaser to upgrade or extend the license supplied with the associated product
PB	Address book	May use product form detail codes P201 to P204 to specify binding
PF	Diary	May use product form detail codes P201 to P204 to specify binding
PL	Record book	For example, ‘birthday book’, ‘baby book’: may use product form detail codes P201 to P204 to specify binding
PR	Notebook / blank book	A book with all pages blank for the buyer’s own use: may use product form detail codes P201 to P204 to specify binding
PS	Organizer	May use product form detail codes P201 to P204 to specify binding

List 175 (Product form detail)

Discussions with BIC and BISAC on some existing categories of books for very young children led to changes shown in the entries for B210 to B215 below. **(Values which have been deprecated in List 7 have been not included in List 175).**

Values in the range Ennn have been added to cover digital product formats.

BIC requested the inclusion of P203 and P204 as well as the distinction between hardback and paperback for “book-shaped” stationery items, which was originally requested by Finland.

B210	Touch-and-feel book	A book whose pages have a variety of textured inserts designed to stimulate tactile exploration: see also B214 and B215 (revised definition of existing value)
B212	Die-cut book	A book which is cut into a distinctive non-rectilinear shape and/or in which holes or shapes have been cut internally. ('Die-cut' is used here as a convenient shorthand, and does not imply strict limitation to a particular production process.)
B213	Book-as-toy	A book which is also a toy, or which incorporates a toy as an integral part. (Do not, however, use B213 for a multiple-item product which includes a book and a toy as separate items.)
B214	Soft-to-touch book	A book whose cover has a soft textured finish, typically over board
B215	Fuzzy-felt book	A book with detachable felt pieces and textured pages on which they can be arranged
E101	EPUB	The Open Publication Structure / OPS Container Format standard of the International Digital Publishing Forum (IDPF) [File extension .epub]
E102	OEB	The Open Ebook format of the IDPF, a predecessor of the full EPUB format, still (2008) supported as part of the latter [File extension .opf]
E103	DOC	Microsoft Word binary document format [File extension .doc]
E104	DOCX	Office Open XML / Microsoft Word XML document format (ISO/IEC 29500:2008) [File extension .docx]
E105	HTML	HyperText Mark-up Language [File extension .html, .htm]
E106	ODF	Open Document Format [File extension .odt]
E107	PDF	Portable Document Format (ISO 32000-1:2008) [File extension .pdf]
E108	PDF/A	PDF archiving format defined by ISO 19005-1:2005 [File extension .pdf]
E109	RTF	Rich Text Format [File extension .rtf]
E110	SGML	Standard Generalized Mark-up Language
E111	TCR	A compressed text format mainly used on Psion handheld devices [File extension .tcr]
E112	TXT	Text file format [File extension .txt]
E113	XHTML	Extensible Hypertext Markup Language [File extension .xhtml, .xht, .xml, .html, .htm]
E114	zTXT	A compressed text format mainly used on Palm handheld devices [File extension .pdb – see also E121, E125, E130]
E115	XPS	XML Paper Specification format [File extension .xps]
E116	Amazon Kindle	A format proprietary to Amazon for use with its Kindle reading device [File extension .azw]
E117	BBeB	A Sony proprietary format for use with the Sony Reader and LIBRIé reading devices [File extension .lrf]
E118	DXReader	A proprietary format for use with DXReader software
E119	EBL	A format proprietary to the Ebook Library service
E120	Ebrary	A format proprietary to the Ebrary service
E121	eReader	A proprietary format for use with eReader (aka 'Palm Reader') software on various hardware platforms [File extension .pdb – see also E114, E125, E130]
E122	Exebook	A proprietary format with its own reading system for Windows platforms [File extension .exe]
E123	Franklin eBookman	A proprietary format for use with the Franklin eBookman reader
E124	Gemstar Rocketbook	A proprietary format for use with the Gemstar Rocketbook reader [File extension .rb]
E125	iSilo	A proprietary format for use with iSilo software on various hardware platforms [File extension .pdb – see also E114, E121, E130]
E126	Microsoft Reader	A proprietary format for use with Microsoft Reader software on Windows and Pocket PC platforms [File extension .lit]
E127	Mobipocket	A proprietary format for use with Mobipocket software on various hardware platforms [File extension .prc]
E128	MyiLibrary	A format proprietary to the MyiLibrary service
E129	NetLibrary	A format proprietary to the NetLibrary service

List 175 (continued)

E130	Plucker	A proprietary format for use with Plucker reader software on Palm and other handheld devices [File extension .pdb – see also E114, E121, E125]
E131	VitalBook	A format proprietary to the VitalSource service
P201	Hardback (stationery)	Stationery item in hardback book format
P202	Paperback / softback (stationery)	Stationery item in paperback/softback book format
P203	Spiral bound (stationery)	Stationery item in spiral-bound book format
P204	Leather / fine binding (stationery)	Stationery item in leather-bound book format, or other fine binding

New List 176 (Operating system)

For use in the <ProductFormFeatureValue> element when the <ProductFormFeatureType> is coded 06 (Operating system) (see List 79).

01	Android	An Open Source mobile device operating system originally developed by Google and supported by the Open Handset Alliance
02	BlackBerry OS	A proprietary operating system supplied by Research In Motion for its BlackBerry handheld devices
03	iPhone OS	A proprietary operating system based on Mac OS X supplied by Apple for its iPhone and iPod Touch handheld devices
04	Linux	An operating system based on the Linux kernel
05	Mac OS	A proprietary operating system supplied by Apple on Macintosh computers up to 2002
06	Mac OS X	A proprietary operating system supplied by Apple on Macintosh computers up to 2002
07	Palm OS	A proprietary operating system (aka Garnet OS) originally developed for handheld devices
08	Palm webOS	A Linux-based operating system for handheld devices
09	Symbian	An operating system for hand-held devices, originally developed as a proprietary system, but planned to become wholly Open Source by 2010
10	Windows	A proprietary operating system supplied by Microsoft
11	Windows CE	A proprietary operating system (aka Windows Embedded Compact, WinCE) supplied by Microsoft for small-scale devices
12	Windows Mobile	A proprietary operating system supplied by Microsoft for mobile devices

List 144 (Epub technical protection)

New value added to enable “Adobe DRM” to be specified.

03	Adobe DRM	Has DRM protection applied by the Adobe CS4 Content Server Package or by the Adobe ADEPT hosted service
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New code lists for ONIX 3.0 data element groups P.14 to P.16

General

The aim in Issue 10 of the code lists is to have a sufficient initial set of values to ensure that anything which is being sent legitimately in Release 2.1 using <OtherText> and <MediaFile> can still be sent in Release 3.0; and to extend those values only so far as to include demonstrable new requirements. At the same time, there is an opportunity to “clear out” any values from Release 2.1 for which there is no proven requirement.

There will certainly be ample time for a further issue of the code lists before Release 3.0 comes into live use, so Issue 10 has erred on the side of conservatism, and we have avoided adding values at this stage because they “might” be needed.

Data element group P.14: Text content

New list 153 (Text type)

New element in ONIX 3.0, as part of a <TextContent> composite replacing the former <OtherText> composite for text that is carried as part of the ONIX record. The initial set of values below is the result of a fairly radical pruning of the existing List 33, based on discussions with publishers and others regarding the realistic likelihood of (a) certain types of content being sent in full in an ONIX message (as opposed to being cited or offered as a supporting resource), and (b) other existing types needing to be individually distinguished. The new List 153 is followed by a mapping from List 33, showing which values have been eliminated, which have been retained, and which have been combined with others.

01	Sender-defined text	To be used <i>only</i> in circumstances where the parties to an exchange have agreed to include text which (a) is not for general distribution, and (b) cannot be coded elsewhere. If more than one type of text is sent, it must be identified by tagging within the text itself.
02	Short description/annotation	Limited to a maximum of 350 characters
03	Description	Length unrestricted
04	Table of contents	Used for a table of contents sent as a single text field, which may or may not carry structure expressed as XHTML
05	Flap / cover copy	Descriptive blurb taken from the back cover and/or flaps
06	Review quote	A quote taken from a review of the product or of the work in question where there is no need to take account of different editions
07	Review quote: previous edition	A quote taken from a review of a previous edition of the work, where it is
08	Review quote: previous work	A quote taken from a review of a previous work by the same author(s) or in the same series
09	Endorsement	A quote usually provided by a celebrity to promote a new book, not from a review
10	Promotional headline	A promotional phrase which is intended to headline a description of the product
11	Feature	Text describing a feature of a product to which the publisher wishes to draw attention for promotional purposes
12	Biographical note	A note referring to all contributors to a product – NOT linked to a single contributor
13	Publisher's notice	A statement included by a publisher in fulfilment of contractual obligations, such as a disclaimer, sponsor statement, or legal notice of any sort. Note that the inclusion of such a notice cannot and does not imply that a user of the ONIX record is obliged to reproduce it.
14	Excerpt	A short excerpt from the work

Mapping from ONIX 2.1 List 33 to ONIX 3.0 List 153

List 33	List 33 description	List 153	Notes
00	Unspecified		No equivalent
01	Main description	03	Combined with former 03 as "description, length unrestricted"
02	Short description/annotation	02	Retained as is
03	Long description	03	Combined with former 01 as "description, length unrestricted"
04	Table of contents	04	Retained as is
05	Review quote, restricted length		No equivalent
06	Quote from review of previous edition	07	Retained as is, with clearer definition
07	Review text		No equivalent: full text would be cited, not carried in the record
08	Review quote	06	Retained as is, with clearer definition
09	Promotional headline	10	Retained as is
10	Previous review quote	08	Retained as is, with clearer definition
11	Author comments		No equivalent: expected to be incorporated into a description, or into material offered as a Supporting Resource
12	Description for reader	03	Audience to be specified separately: see new list 154, code 02
13	Biographical note	12	Retained as is
14	Description for Reading Group Guide		No equivalent: expected to be offered as a Supporting Resource
15	Discussion question for Reading Group Guide		No equivalent: expected to be offered as a Supporting Resource
16	Competing titles	03	Expected to be incorporated into a description for trade: see new list 154, code 02
17	Flap copy	05	Combined as "flap/cover copy"
18	Back cover copy		
19	Feature	11	Combined as "feature"
20	New feature		
21	Publisher's notice	13	Retained as is
23	Excerpt from book	14	Retained, for short excerpts
24	First chapter		No equivalent: might be offered as a Supporting Resource
25	Description for sales people	03	Audience to be specified separately: see new list 154, code 02
26	Description for press or other media	03	Audience to be specified separately: see new list 154, code 07
27	Description for subsidiary rights department		No equivalent: not relevant to any known ONIX application
28	Description for teachers/educators	03	Audience to be specified separately: see new list 154, code 05
30	Unpublished endorsement	09	Retained as is
31	Description for bookstore	03	Audience to be specified separately: see new list 154, code 02
32	Description for library	03	Audience to be specified separately: see new list 154, code 04
33	Introduction or preface		No equivalent: might be offered as a Supporting Resource
34	Full text		No equivalent: might be offered as a Supporting Resource
35	Promotional text		No equivalent: almost all text carried here is "promotional"
40	Author interview / Q&A		No equivalent: might be offered as a Supporting Resource
41	Reading Group Guide		No equivalent: might be offered as a Supporting Resource
42	Commentary / discussion		No equivalent: might be offered as a Supporting Resource

New list 154 (Content audience)

New element in ONIX 3.0, used in <TextContent>, <CitedContent> and <SupportingResource> composites. The initial code list is based on requests from national groups and others.

00	Unrestricted	Any audience
01	Restricted	Distribution by agreement between the parties to the ONIX exchange (this value is provided to cover applications where ONIX content includes material which is not for general distribution)
02	Booktrade	Distributors, bookstores, publisher's own staff etc
03	End-customers	
04	Librarians	
05	Teachers	
06	Students	
07	Press	Press or other media
08	Shopping comparison service	Where a specially formatted description is required for this audience

New list 155 (Content date role)

New element in ONIX 3.0, used in <TextContent>, <CitedContent> and <SupportingResource> composites. The initial code list is based on date elements from the superseded data element groups in ONIX 2.1, plus other date types that have been mentioned in discussions on supporting resources. (Date role codes are assigned from a common master list – hence non-sequential numbering in lists for individual elements.)

01	Publication date	Nominal date of publication
04	Broadcast date	Date when a TV or radio program was / will be broadcast
14	From date	Date from which a content item or supporting resource may be referenced or used
15	Until date	Date until which a content item or supporting resource may be referenced or used
17	Last updated	Date when a resource was last changed or updated

Data element group P.15: Cited content

New list 156 (Cited content type)

New element in ONIX 3.0, used in the <CitedContent> composite. The essential difference between <CitedContent> and <SupportingResource> is that a supporting resource is made available by the publisher or other sender of an ONIX record (although it may have originated elsewhere), while content that is "cited" is accessible only to the extent that a third-party owner or publisher chooses to permit. Code values 03 and 04 suggested by BISAC.

01	Review	
02	Bestseller list	
03	Media mention	Other than a review
04	'One locality, one book' program	(North America) Inclusion in a program such as "Chicago Reads", "Seattle Reads"

New list 157 (Content source type)

New element in ONIX 3.0, used in the <CitedContent> composite.

01	Printed media	
02	Website	
03	Radio	
04	TV	

Data element group P.16: Supporting resources**New list 158 (Resource content type)**

New element in ONIX 3.0, used in the <SupportingResource> composite, replacing the former <MediaFile> composite as well as some uses of the <OtherText> composite. At the end of this section, there is a mapping from the existing List 38 (Media File Type), showing which values have been kept, which have been eliminated, and which are now represented in a different way.

01	Front cover	
02	Back cover	
03	Cover / pack	Not limited to front or back
04	Contributor picture	Photograph or portrait of contributor(s)
05	Series image / artwork	
06	Series logo	
07	Product image / artwork	
08	Product logo	
09	Publisher logo	
10	Imprint logo	
11	Author interview	
12	Author presentation	Author presentation and/or commentary
13	Author reading	
14	Author event schedule	
15	Sample content	For example: sample chapter text, page images, screenshots
16	Widget	A 'look inside' feature presented as a small embeddable application
17	Review	
18	Other commentary / discussion	
19	Reading group guide	
20	Teacher's guide	
21	Feature article	Feature article provided by publisher
22	Character 'interview'	Fictional character 'interview'
23	Wallpaper / screensaver	
24	Press release	

New list 159 (Resource mode)

New element in ONIX 3.0, used in the <SupportingResource> composite.

01	Application	An executable together with data on which it operates
02	Audio	A sound recording
03	Image	A still image
04	Text	Readable text, with or without associated images etc
05	Video	Moving images, with or without accompanying sound
06	Multi-mode	A website or other supporting resource delivering content in a variety of modes

New list 160 (Resource feature type)

New element in ONIX 3.0, used in the <SupportingResource> composite to specify resource features that are independent of form (ie that apply to all versions of a resource that is offered in more than one form. No values have yet been defined for this list.

New list 161 (Resource form)

New element in ONIX 3.0, used in the <SupportingResource> composite. The initial code list is based on the premise that, if content is specified in List 158, and mode in List 159, the key attribute that is missing is the generic form in which the resource is delivered.

01	Linkable resource	A resource that may be accessed by a hyperlink
02	Downloadable file	A file that may be downloaded on demand for third-party use
03	Embeddable application	An application which is supplied in a form which can be embedded into a third-party webpage

New list 162 (Resource form feature type)

New element in ONIX 3.0, used in the <SupportingResource> composite to specify a feature that is specific to a particular form of a resource. The initial list is deliberately limited: it is expected to grow significantly as ONIX 3.0 is implemented.

01	File format	Resource Form Feature Value carries a code from List 178
02	Image height in pixels	Resource Form Feature Value carries an integer
03	Image width in pixels	Resource Form Feature Value carries an integer

New list 178 (Supporting resource file format)

Code list to be used in <ResourceFormFeatureValue> when <ResourceFormFeatureType> is coded 01 (file format). The proposed initial code list is taken from existing values in List 78 / 175 where possible, with the presumption that additional ranges D4nn and D5nn would be added for document formats and image formats respectively. In this way we avoid having different codes for the same format types depending on whether the thing described is a product or a supporting resource.

A103	MP3	
A104	WAV	
A105	Real Audio	
A106	WMA	Windows Media Audio format
A107	AAC	Advanced Audio Coding format
D101	Real Video	
D102	QuickTime	
D103	AVI	
D104	WMV	Windows Media Video format
D105	MPEG-4	
D106	FLV	Flash Video
D107	SWF	ShockWave
D401	PDF	
D501	GIF	
D502	JPEG	
D503	PNG	
D504	TIFF	

Mapping from ONIX 2.1 List 38 to proposed ONIX 3.0 Lists 158 and 159

List 38	List 38 description	List 158	List 159	Notes
01	Whole product			Not a supporting resource
02	Application: software demo	14	01	Sample content – application
04	Image: front cover	01	03	Front cover – image (quality to be specified in pixels as Resource Form Feature)
06	Image: front cover, high quality			
07	Image: front cover thumbnail			
08	Image: contributor(s)	04	03	Contributor picture – image
10	Image: for series	05	03	Series image
11	Image: series logo	06	03	Series logo – image
12	Image: product logo	07	03	Product logo – image
17	Image: publisher logo	08	03	Publisher logo – image
18	Image: imprint logo	09	03	Imprint logo – image
23	Image: sample content	15	03	Sample content – image
24	Image: back cover	02	03	Back cover – image (quality to be specified in pixels as Resource Form Feature)
25	Image: back cover, high quality			
26	Image: back cover thumbnail			
27	Image: other cover material	03	03	Cover / pack – image
28	Image: promotional material			No equivalent: not properly defined
29	Video segment: unspecified			No equivalent: not properly defined
30	Audio segment: unspecified			No equivalent: not properly defined
31	Video: author presentation / commentary	12	05	Author presentation – video
32	Video: author interview	11	05	Author interview – video
33	Video: author reading	13	05	Author reading – video
34	Video: cover material	03	05	Cover / pack – video
35	Video: sample content	15	05	Sample content – video
36	Video: promotional material			No equivalent: not properly defined
37	Video: review	17	05	Review – video
38	Video: other commentary / discussion	18	05	Other commentary / discussion – video
41	Audio: author presentation / commentary	12	02	Author presentation – audio
42	Audio: author interview	11	02	Author interview – audio
43	Audio: author reading	13	02	Author reading – audio
44	Audio: sample content	15	02	Sample content – audio
45	Audio: promotional material			No equivalent: not properly defined
46	Audio: review	17	02	Review – audio
47	Audio: other commentary / discussion	18	02	Other commentary / discussion – audio
51	Application: sample content	14	01	Sample content
52	Application: promotional material			No equivalent: not properly defined