DDEX Standard

Release Profiles for Common Release Types

(Version 1.0, 2nd Edition)
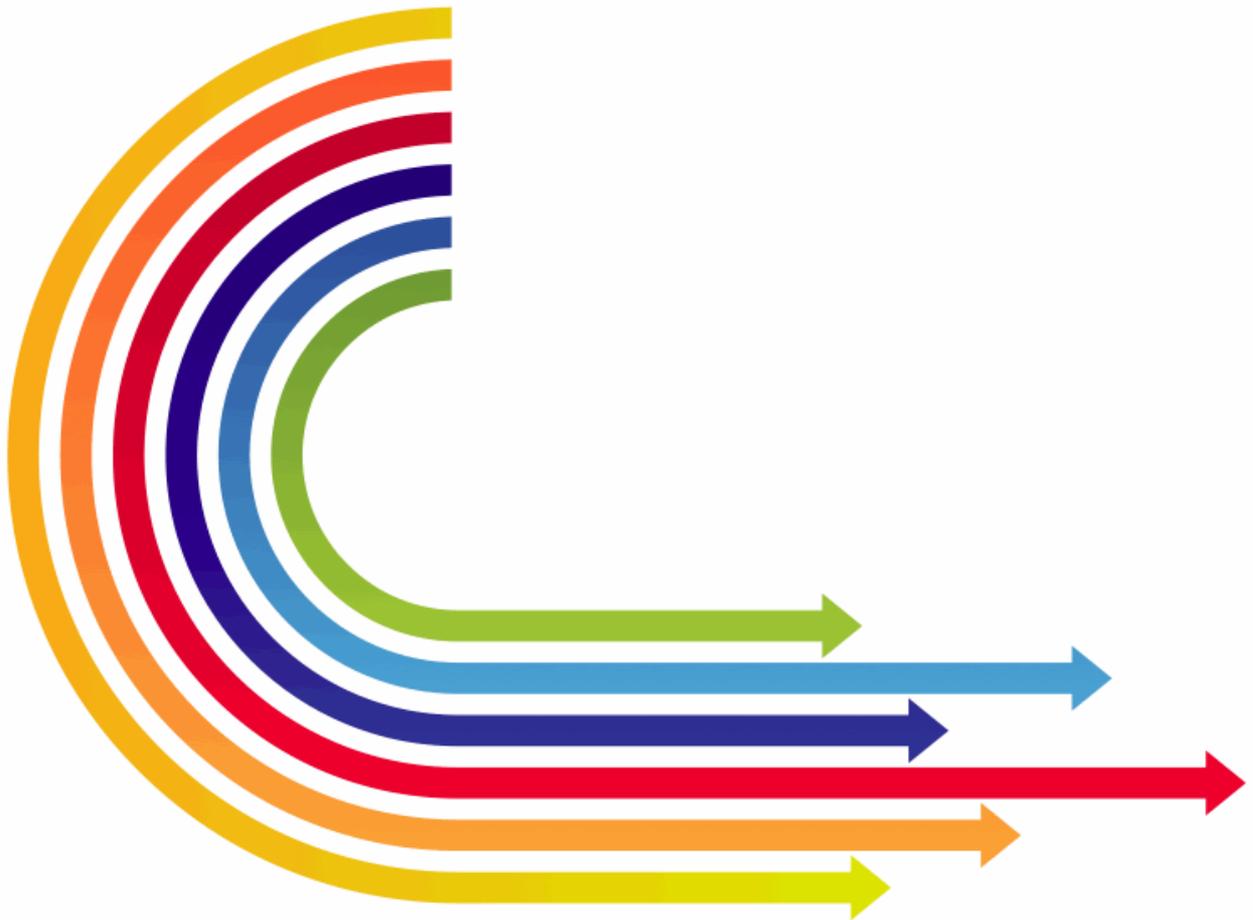
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Contents

1 Introduction

1.1 Overview

The Digital Data Exchange, LLC (DDEX) has, in the past defined a series of message suite standards to make the communication of information along the digital music delivery chain more efficient. As part of these message is the communication of Release details, including information about their parts, i.e. Resources (such as SoundRecording or Videos) and, in some circumstances also Musical Works.

Such descriptions can, however, vary between different uses. For instance describing a Release that contains a single video ringtone track would differ greatly from a Release representing a digital equivalent of a 10-track pop album with previews. Similarly the commercial information regarding a subscription ringtone differs from commercial information regarding a pay-as-you go download.

In order to aid companies that only wish to communicate a small subset of the types of products that the "full" DDEX standards allow DDEX has developed a series of "profiles". These profiles come in two flavours. Firstly "Release Profiles" that define subsets of Releases to be communicated along the music delivery chain and, secondly, "Business Profiles" that define subsets of the commercial information governing the distribution of Releases.

This standard defines a set of thirteen Release Profiles that define how to use the Electronic Release Notification Message Suite Standard to express the most common types of Releases. This is the second edition of Version 1.0 of the Release Profile Standard for Common Release Types. It adds support for Classical Releases by replacing the "Simple Digital Classical Audio Album" with a more complete "Digital Classical Audio Album".

The full set of Release and Business Profiles is available from http://ddex.net. Any organisation wishing to implement this (or any other DDEX Standard) is required to apply for an Implementation Licence. The terms of the licence and an application form can be found at http://ddex.net/implementing-ddex-standards.

1.2 Scope

This standard defines the Release Profiles for common Release Types. They are provided in two forms: A summary of the differences between this Release Profile and relevant "full" standard (in Clause 2) and through sample XML code and ISO/Schematron rule files.

Complete, valid, sample XML files supporting these Release Profiles are available for download from http://ddex.net as part of the DDEX.

1.3 Nomenclature

The following mathematical nomenclature is used in this standard.

- "0-1" means that at most one (i.e. either none or one) element has to be included in the relevant Profile;
- "0-∞" means that any number (i.e. either none, one or more) of elements may be included in the relevant Profile; and
- "1-∞" means that at least one element have to be included in the relevant Profile.

The term "mandatory" encompasses the two cardinality expressions "1" and "1-∞". The term "optional" encompasses the two cardinality expressions "0-1" and "0-∞".

1.4 Organisation of the Document

This standard has four clauses and two Annexes.

Clause 1 provides an introduction and scope as well as defining core terms. Clause 2 then defines the Release Profiles covered by this standard. Its components, and how they are to be communicated is then defined in Clauses 3 and 4. Annex A then provide a series of XML Sample and ISO/Schematron rules for the Release Profiles defined in Clause 2. Finally, Annex B provides information on how to communicate allowed-values defined in a later version of the Electronic Release Notification Message Suite Standard in a message created in accordance with an earlier version of the Electronic Release Notification Message Suite Standard.

1.5 Normative References

The following normative documents contain provisions, which through reference in this text constitute provisions of this Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. For undated references, the latest version applies.

- Digital Data Exchange (DDEX): Electronic Release Notification Message Suite Standard, Version 3.3 (2011)
- Digital Data Exchange (DDEX): Electronic Release Notification Message Suite Standard, Version 3.4 (2012)
- Digital Data Exchange (DDEX): Electronic Release Notification Message Suite Standard, Version 3.4.1 (2012)
- ISO/IEC 19757:2006: Information technology – Document Schema Definition Language (DSDL) – Part 3: Rule-based validation – Schematron

The first three of these references are the baseline message suite standards that are being profiled by this standard. The Schematron rules are being provided for the namespace of version 3.4.1.

Note, this standard also provides, in places, profile information for Version 3.2 of the Electronic Release Notification Message Suite Standard. However, these sections are informative only.

2 Definition of Release Profiles

Special notice is given to the definitions, abbreviations and conformance rules used/defined in these standards, which also apply to this standard.

The Release Profiles defined herein is a subset of the descriptions for Releases, including their components and the order/grouping of such Resources as used in the relevant "full" message suite standard. The differences are described in Table 1.

Each of the lines of the table defines one Release Profile. Further details of these are then provided, for each of them, in Clauses 3 and 4.

Table 1 — Release Profiles defined in this Standard

Release Profile Name and description	Resources contained in Release	
	Primary Resources/Collections	**Secondary Resources**
1. Audio Single A single SoundRecording plus supporting cover image.	• 1-∞ SoundRecording of type MusicalWorkSoundRecording	• 1 Image of type FrontCoverImage, • 0-∞ items of bonus material
2. Video Single A single music video recording plus support screen capture image.	• 1-∞ Video of type ShortFormMusicalWorkVideo	• 1 Image of type VideoScreenCapture • 0-∞ items of bonus material
3. Mixed Media Bundle A multi track product with a mixture of audio and video recordings and potentially images and text, plus supporting screen capture per video track and a single cover image.	• 0-∞ SoundRecordings of type MusicalWorkSoundRecording • 0-∞ Videos of type ShortForm-MusicalWorkVideo • 0-∞ Images with a type of either Photograph, FrontCoverImage, BackCoverImage, BookletFrontImage BookletBackImage, Poster or Wallpaper • 0-∞ Texts • At least 2 Resources of different types need to be	• 1 Image of type FrontCoverImage • 0-∞ Images of type VideoScreenCapture • 0-∞ items of bonus material (e.g. such as Images and Booklets)

Release Profile Name and description	Resources contained in Release	
	Primary Resources/Collections communicated	Secondary Resources
4. Audio Album (Music-only) A multi track product with audio recordings of songs plus supporting cover image, including "multi-track singles"	• 1-∞ SoundRecordings of type MusicalWorkSoundRecording	• 1 Image of type FrontCoverImage • 0-∞ items of bonus material
5. Audio Album (Music and Speech) A multi track product with audio recordings, some of which are not songs, plus supporting cover image, including "multi-track singles". Examples include comedy shows.	• 1-∞ SoundRecordings of type MusicalWorkSoundRecording or NonMusicalWorkSoundRecording	• 1 Image of type FrontCoverImage • 0-∞ items of bonus material
6. Video Album A multi track product with video recordings, plus screen capture per track and supporting cover image.	• 1-∞ Video of type ShortFormMusicalWorkVideo	• 1 Image of type FrontCoverImage • 0-∞ Images of type VideoScreenCapture • 0-∞ items of bonus material
7. Ringtone A single audio mobile ringtone clip.	• 1 SoundRecording of type RingtoneClip	• 0-1 Image of type FrontCoverImage
8. Long-form Music Video A multi chapter long form video recording, plus a supporting cover image and potentially a screen capture per chapter.	• 1 Video with a type of either LongFormMusicalWorkVideo, ConcertVideo or Documentary	• 1 Image of type FrontCoverImage • 0-∞ Images of type VideoScreenCapture • 0-∞ items of bonus material
9. Digital Boxed Set A multi volume/component digital product made up of a number of other existing digital products, plus supporting cover image(s).	• 0-∞ SoundRecordings of type MusicalWorkSoundRecording • 0-∞ Videos of type ShortFormMusicalWorkVideo	1-∞ Images of type FrontCoverImage 0-∞ Images of type VideoScreenCapture 0-∞ items of bonus material
10. Digital Classical Audio Album A multi track product with audio recordings, grouped into classical works, plus supporting cover image.	• 1-∞ SoundRecordings of type MusicalWorkSoundRecording, albeit with additional elements as defined below	• 1 Image of type FrontCoverImage • 0-∞ items of bonus material
11. Single Resource Release A single Resource not for distribution to consumers. Typically provided to a partner for finger printing /rights management type services.	• 1 Resource of any type	None

3 Communication of Release Profiles in Release Notifications

3.1 Set of Releases in a NewReleaseMessage

When communicating a specific Release Profile in a NewReleaseMessage defined in the Electronic Release Notification Message Suite Standard, the following individual Releases shall be communicated in one singe XML file:

Table 2 — Communicating Release Profiles

Release Profile	Main Release	Components Releases
1. Audio Single	1 Single Releases in accordance with Clause 4.2.10 and Table 1	• 1 TrackRelease in accordance with Clause 4.2.11; a Component Release should be supplied for the primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.
2. Video Single	1 VideoSingle Release in accordance with Clause 4.2.14 and Table 1	• 1 VideoTrackRelease in accordance with Clause 4.2.15; a Component Release should be supplied for the primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.
3. Mixed Media Bundle	1 Bundle Release in accordance with Clause 4.2.6 and Table 1	• 0-∞ TrackReleases in accordance with Clause 4.2.11 • 0-∞ VideoTrackReleases in accordance with Clause 4.2.15 • A Component Release should be supplied per primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.
4. Audio Album (Music-only)	1 Album Release in accordance with Clause 4.2.4 and Table 1 or 1 Single Release (for multi-track singles) in accordance with Clause 4.2.10 and Table 1	• 1-∞ TrackReleases in accordance with Clause 4.2.11; a Component Release should be supplied per primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.
5. Audio Album (Music and Speech)	1 Album Release in accordance with Clause 4.2.4 and Table 1 or 1 Single Release (for	• 1-∞ TrackReleases in accordance with Clause 4.2.11; a Component Release should be supplied per primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.

	multi-track singles) in accordance with Clause 4.2.10 and Table 1	
6. Video Album	1 VideoAlbum Release in accordance with Clause 4.2.13 and Table 1	• 0-∞ VideoTrackReleases in accordance with Clause 4.2.15; a Component Release should be supplied per primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.
7. Ringtone	1 RingtoneRelease Release in accordance with Clause 4.2.9 and Table 1	None
8. Long-form Music Video	One LongFormMusicalWork-VideoRelease in accordance with Clause 4.2.8 and Table 1	None
9. Digital Boxed Set	1 DigitalBoxedSet Release in accordance with Clause 4.2.7 and Table 1	• 0-∞ TrackReleases in accordance with Clause 4.2.11 • 0-∞ VideoTrackReleases in accordance with Clause 4.2.15 • A Component Release should be supplied per primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release. • The constituent Releases (i.e. the Releases (typically Albums or Bundles) shall not be communicated in the same NewRelease-Message. If to be offered, these need to be communicated as a Main Release in a separate NewReleaseMessage.
10. Digital Classical Audio Album	1 Album Release in accordance with Clause 4.2.5 and Table 1	• 1-∞ TrackReleases in accordance with Clause 4.2.11 • A Component Release should be supplied per primary resource referenced on the Main release, regardless of whether there are any deals available for the Component Release.
11. Single Resource Release	1 Release with ReleaseType "SingleResourceRelease" in accordance with the rules defined in Clause 4.2.12 and Table 1	None

3.2 Signalling a Specific Release Profile

To indicate in the NewRelaseMessage the use of a specific Profile, the ReleaseProfileVersionId attribute on the root tag of the message shall be set as follows:

<div align="center">

`CommonReleaseTypes/10/xxx`

</div>

With "xxx" being the name of the Profile as defined in bold face in column 1 of 2 without any space, dash or parentheses characters. For example, a NewReleseMessage for communicating an Audio Album (Music and Speech) defined herein shall have the ReleaseProfileVersionId attribute set to

<div align="center">

`CommonReleaseTypes/10/AudioAlbumMusicandSpeech`

</div>

4 Description of Release Types

4.1 Release Structures

4.1.1 Release structure for Main Releases

Main Releases shall use the ResourceGroup hierarchy depicted in Figure 1.

In addition the following rules shall be applied:

1. Main Releases should have the IsMainRelease flag set to True.
2. Track bundle resource groups should be sequenced.
3. All Primary Resources should be sequenced in the context of their track bundle ResourceGroup (i.e. the sequence restarts with the next track bundle).
4. Secondary Resources (e.g. cover images) content items shall not be sequenced.
5. For each Resource, at least one Release Date (i.e. either original and/or global and/or territorial) shall be provided;
6. For each Resource, the sender shall province any IndirectSoundRecordingID. IndirectVideoID or IndirectMidiId, identifying the MusicalWork (preferably an ISWC) used, that it has reasonable access to;
7. For each Resource, the sender shall province any IndirectSoundRecordingContributor, IndirectVideoContributor or IndirectMidiContributor information, identifying a contributor to the MusicalWork used, that it has reasonable access to;

8. Resources Level Attributes held at the ResourceGroupContentItem level to qualify the use of a Resource on a Release include:

    a. Bonus Tracks and
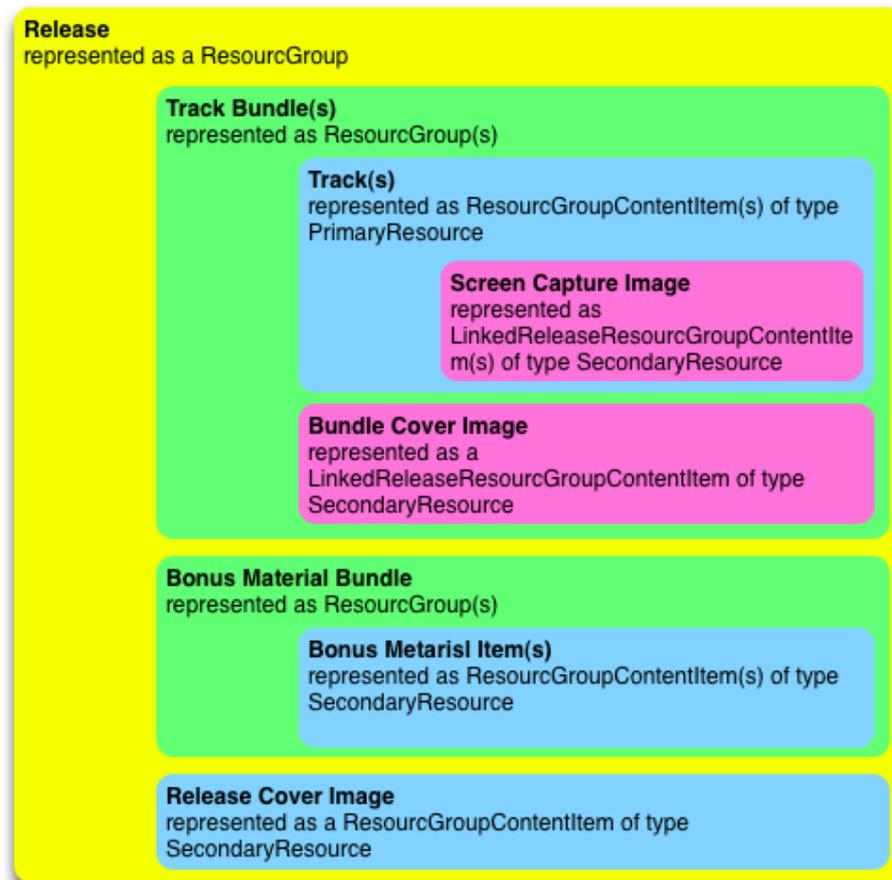
    b. Hidden Tracks.

Figure 1 — Release Structures: Main Releases

Please note, that ResourceGroups are also used to represent multi-part musical works in Digital Classical Audio Albums (see also Clause 4.2.5).

4.1.2 Release structure for Component Releases

For Component Releases the resource grouping hierarchy depicted in Figure 2 shall be used.
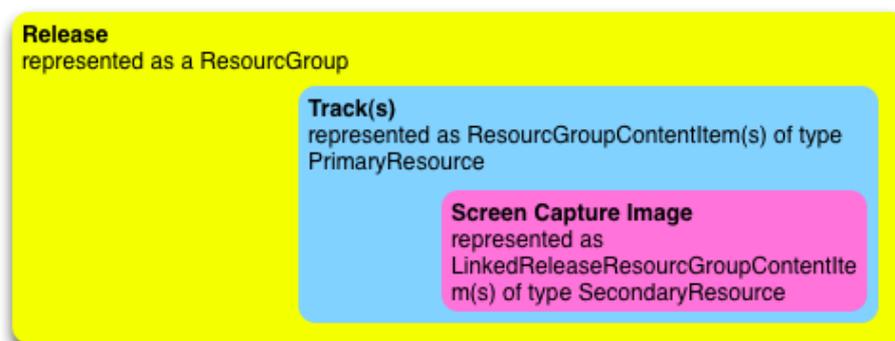
Figure 2 — Release Structures: Component Releases

In addition the following rules shall be applied:

1. All Primary Resources should be sequenced in the context of their track bundle ResourceGroup (i.e. the sequence restarts with the next track bundle).
2. Secondary Resources (e.g. cover images) content items shall not be sequenced.
3. For each Resource, at least one Release Date (i.e. either original and/or global and/or territorial) shall be provided;

4.1.3 Cue Sheet structure for Longform Video Releases

For Longform Video releases cue sheets are expressed using the CueSheetList. The following rules apply:

1. Each primary Longform video resource should have a corresponding CueSheet referenced using the VideoCueSheetReference on the resource.
2. Each CueSheet will consist of at least one Cue.
3. Each Cue should have a StartTime and Duration.
4. For NewReleaseMessages up to version 3.2 each Cue should reference a SoundRecording resource (using the CueResourceReference) OR a MusicalWork (using the CueWorkReference) included in the NewReleaseMessage.
5. For NewReleaseMessages from version 3.3 upwards each Cue should include the following referenced creation details directly within the Cue:
   a. It should contain one ReferencedCreationId of type ISRC or ISWC.
   b. It should have exactly one ReferencedCreationTitle of type FormalTitle and a ReferencedCreationTitle of type DisplayTitle shall be provided.
   c. It should contain at least one ReferencedCreationContributor.
   d. It should contain a HasMusicalContent flag = 'True'.
   e. It should contain a PLine.
   f. It should contain a CLine.

4.1.4 Chapter structure for Longform Video Releases

For Longform Video releases chapters are expressed using the CollectionList. The following rules apply:

1. Each collection item should have the collection type 'VideoChapter'.
2. Each collection item should have a proprietary collection id??
3. Each collection item should have one Title.
4. Each collection item should have an IsComplete flag set to 'True'
5. Each collection item should have a CollectionResourceReferenceList containing one reference to the Video representing the primary resource on the Longform release.
6. Each collection item may have a RepresentativeImageReference which references the screen capture Image resource representing that chapter.
7. The primary Video resource should have a SoundRecordingCollectionReference for each 'VideoChapter' collection item.
8. Each SoundRecordingCollectionReference on the primary Video resource should have a StartTime indicating the chapter start time on the Video.

4.2 Release Descriptions

4.2.1 Data fields not listed for a specific Release Profile

Any data fields or composite not discussed for a specific Release Profile may still be used by the creator/sender of a relevant DDEX message; the recipient may, however, discard any such information at its own discretion.

4.2.2 Territorial data for Releases or Resources

If no territorial variations exist then the release shall have only one ReleaseDetailsByTerritory composites per Release or Resource carrying all the applicable details. This shall be provided either for the territory 'worldwide' or for all territories that MessageSender and MessageRecipient have commercial relationships about.

If there are territorial variations then multiple ReleaseDetailsByTerritory composites need to be provided per Release or Resource. These can be provided in one of two ways:

• Either each ReleaseDetailsByTerritory composite is provided for a single territory or group of territories, containing a full set of information;

or

• One default ReleaseDetailsByTerritory composite, defined by being either for "worldwide" or for all territories that MessageSender and MessageRecipient have commercial relationships about, carries the default data. The remaining ReleaseDetailsByTerritory composite provide the details for data values that are different to the default values only

(per territory or territories). Data fields not provided in the remaining ReleaseDetailsByTerritory composite are inherited from the default ReleaseDetailsByTerritory composite.

4.2.3 Data fields common to all Release Profiles

All Release Profiles defined herein shall follow these rules:

1. At least one Title of type FormalTitle and a Title of type DisplayTitle shall be provided for in the default ReleaseDetailsByTerritorySection, in addition a single ReferenceTitle. Additional variants of these titles may be provided to support translations or territorial variations where applicable.
2. At least one DisplayArtists shall be communicated.
3. A PLine shall be provided and a CLine may be communicated. If a CLine is provided, the recipient shall ingest it.
4. Information about the issuing Label shall be communicated.
5. At least one Genre shall be provided.
6. The appropriate ParentalWarningType shall be provided/
7. Any ComponentRelease shall provide a link back to the MainRelease using a ReleaseRelationshipType of IsParentRelease.

4.2.4 Album.

A Release of type Album shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of Album.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 4.1 shall be communicated.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.5 Classical Album

A Release of type Classical Album shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of ClassicalAlbum.

3. The Release shall be identified by either a GRid or by an ICPN.

4. Primary Resources shall be identified with an ISRC.

5. Secondary Resources shall be identified by a ProprietaryId.

6. A LabelName shall be provided.

7. At least one IndirectResourceContributors of type Composer or ComposerLyricist shall be communicated

8. If a publisher is to be communicated an IndirectResourceContributors of type Music–Publisher shall be communicated.

9. The ReferenceTitle of each SoundRecording shall denote the most granular bit of the full title of a work. For instance in a CD of Vivaldi's Four Seasons with 12 tracks (each representing one movement of each of the four concerts), the ReferenceTitles of the first four SoundRecordings would be "1. Allegro", "2. Largo", "3. Allegro Pastorale, and "1. Allegro". The precise syntax of ReferenceTitles is left to the MessageSender and may (or may not include a sequence number).

10. A GroupingTitle denoting the parent of each SoundRecording shall be communicated for each territorial variation. In the above example the Grouping Title for the first three SoundRecordings would be "Concerto for Violin and Strings in E-Major, Op. 8, No. 1, RV 296 'La Primavera'". The precise syntax of GroupingTitles is left to the MessageSender

11. A DisplayTitle should be communicated for each territorial variation. This title may be used to communicate concatenations of composer name, GroupingTitle and ReferenceTitle. The DisplayTitle may be omitted if the MessageSender does not want to communicate a specific title string for display purposes.

12. ResourceGroups shall be used to communicate both work-related and carrier-related hierarchies. The former shall be indicated by providing a GroupingTitle and the latter by providing an un-typed Title.

13. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message. This specifically includes the use of work information in the MusicalWorkList composite.

Samples of structured Classical Albums are shown in the table below.

Table 3: Samples of structured Classical Albums (Informative)

Type of Release	Rules for the Release Group

Type of Release	Rules for the Release Group

Collection of single segment Works (e.g. a crossover album with one segment[1] from three Works each)	ResourceGroup representing the disc containing
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 1)
	   ResourceGroup representing the 2nd Work containing
	      ResourceGroupContentItem representing the 2nd segment (=Track 2)
	   ResourceGroup representing the 3rd Work containing
	      ResourceGroupContentItem representing the 3rd segment (=Track 3)

Collection of multi- segment Works (e.g. a release with two Works with three segments each)	ResourceGroup representing the disc containing
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 1)
	      ResourceGroupContentItem representing the 2st segment (=Track 2)
	      ResourceGroupContentItem representing the 3rd segment (=Track 3)
	   ResourceGroup representing the 2nd Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 4)
	      ResourceGroupContentItem representing the 2st segment (=Track 5)
	      ResourceGroupContentItem representing the 3rd segment (=Track 6)

Single Work with multiple segments	ResourceGroup representing the disc containing
	   ResourceGroup representing the Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 1)
	      ResourceGroupContentItem representing the 2st segment (=Track 2)
	      ResourceGroupContentItem representing the 3rd segment (=Track 3)

Works and "tracks" mixed (disc containing one Work with two segments, one track, a second Work with two segments and a track)	ResourceGroup representing the disc containing
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 1)
	      ResourceGroupContentItem representing the 2st segment (=Track 2)
	   ResourceGroup representing the 2nd Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 4)
	      ResourceGroupContentItem representing the 1st segment (=Track 5)
	   ResourceGroupContentItem representing the 1st segment (=Track 3)
	   ResourceGroupContentItem representing the 1st segment (=Track 6)

Same Work repeated in product (disk with segments one and two of the Work, then segments one and two of a second Work followed by segments three and four of the first Work)	ResourceGroup representing the disc containing
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 1)
	      ResourceGroupContentItem representing the 2st segment (=Track 2)
	   ResourceGroup representing the 2nd Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 3)
	      ResourceGroupContentItem representing the 1st segment (=Track 4)
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 3rd segment (=Track 5)
	      ResourceGroupContentItem representing the 4th segment (=Track 6)

Work spanning multiple discs (disk one containing one Work with three segments and disk two containing two further segments of the same Work)	ResourceGroup representing the 1st disc containing
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 1st segment (=Track 1)
	      ResourceGroupContentItem representing the 2st segment (=Track 2)
	ResourceGroup representing the 2nd disc containing
	   ResourceGroup representing the 1st Work containing
	      ResourceGroupContentItem representing the 3rd segment (=Track 3)
	      ResourceGroupContentItem representing the 4th segment (=Track 4)

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[1] A typical "segment" would be a work. A segment itself can be segmented itself using a ResourceGroup instead of a ResourcegroupContentItem.

4.2.6 Mixed Media Bundle

A Release of type Mixed Media Bundle shall be communicated as follows. The XML fragments in Annex **Error! Reference source not found.** show which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of Bundle.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC if they are a SoundRecording or a music Video.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 4.1 shall be communicated.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.7 Digital Boxed Set

A Release of type DigitalBoxedSet shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of DigitalBoxSetRelease.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 4.1 shall be communicated.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.8 Long-form Musical Work Video Release

A Release of type LongFormMusicalWorkVideoRelease shall be communicated as follows. The XML fragments in Annex **Error! Reference source not found.** show which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of LongFormMusicalWorkVideoRelease.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.

6. The Release resource structure as defined in Clause 4.1 shall be communicated.

7. Each primary long form Video resource on the release shall contain a reference to a cue sheet as defined in Clause 4.1.3

8. Each primary long form Video resource on the release shall contain 1 to many references to chapters as defined in Clause 4.1.4

9. A LabelName shall be provided.

10. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.9 Ringtone Clip

A Release of type RingtoneClip shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.

2. The Release shall have a ReleaseType of RingtoneRelease or RingbackToneRelease.

3. The Release shall be identified by either a GRid or by an ICPN.

4. Primary Resources shall be identified with an ISRC.

5. The Release resource structure as defined in Clause 4.1 shall be communicated.

6. A LabelName shall be provided.

7. A RelatedRelease of type IsReleaseFromRelelease shall be provided.

8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.10   Single

A Release of type Single shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.

2. The Release shall have a ReleaseType of Single.

3. The Release shall be identified by either a GRid or by an ICPN.

4. Primary Resources shall be identified with an ISRC.

5. Secondary Resources shall be identified by a ProprietaryId.

6. The Release resource structure as defined in Clause 4.1 shall be communicated.

7. A LabelName shall be provided.

8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.11   Track Release

A Release of type TrackRelease shall be communicated as follows. The XML fragments in Annex **Error! Reference source not found.** show which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of TrackRelease.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 4.1 shall be communicated.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.12   Single Resource Release

A Release of type SingleResourceRelease shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of SingleResourceRelease.
3. The Release shall be identified by either a GRid or an ISRC.
4. The one Primary Resource shall be identified with an ISRC.
5. No Secondary Resources should be supplied.
6. No release resource structure should be provided.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.13   Video Album

A Release of type VideoAlbum shall be communicated as follows. The XML fragments in Annex **Error! Reference source not found.** show which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of VideoAlbum.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 4.1 shall be communicated.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.14 Video Single

A Release of type VideoSingle shall be communicated as follows. The XML fragments in Annex **Error! Reference source not found.** show which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of VideoSingle.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 4.1 shall be communicated.
7. A LabelName shall be provided.
8. A RelatedRelease of type IsEquivalentToAudio may be provided if such information is available.
9. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

4.2.15 Video Track Release

A Release of type VideoTrackRelease shall be communicated as follows. The XML fragment in Annex **Error! Reference source not found.** shows which elements need to be provided.

1. The description shall follow the common rules defined in Clauses 4.1 and 4.2.2.
2. The Release shall have a ReleaseType of VideoTrackRelease.
3. The Release shall be identified by either a GRid or by an ICPN.
4. Primary Resources shall be identified with an ISRC.
5. Secondary Resources shall be identified by a ProprietaryId.
6. The Release resource structure as defined in Clause 0 shall be communicated.
7. A LabelName shall be provided.
8. All other elements that are not technically mandatory may be omitted or, if provided, may be ignored by the recipient of the DDEX message.

Annex A (normative)
XML Samples and Schematron Rules

XML Samples and Schematron files are provided separately with the following file naming convetion:

`NewRelease_Message_ReleaseProfile_ppp_vv.xxx`,

where `ppp` is the name of the profile, `vv` the version number of this standard and `xxx` either xml or sch.

In addition XML sample files are provided, for some profiles, for version 3.2 of the ReleaseNotificationMessageSuiteStandard. These files are denoted by an extra 32 in the file name.

The Schematron rule sets require Xpath2. This can be enforced by, for instance, adding an extra attribute into the above `s:schema` tag (`queryBinding="xslt2"`) or by instructing the processor for running the schematron rule to use XPath2 in any other way.

Annex B (informative) Communication of Allowed Values defined in a later Standard

In order to communicate an allowed values defined by DDEX later than the message format used in the communication between two business partners the following approach shall be taken:

1. The element shall contain the value "UserDefined";
2. The UserDefinedValue attribute shall be set to the value from the later standard; and
3. The Namespace attribute shall be set to the same value as defined as normative content for the MessageVersionId attribute for that standard.

For example, to communicate a UseType of KioskDownload, a term defined for Version 3.3 of the Release Notification Standard in a Version 3.2 message the following XML code shall be used:

```
<UseType UserDefinedValue="KioskDownload" Namespace="ern/33">
    UserDefinedValue
</UseType>
```