



Release Profiles of Common Release Types (Version 1.1)

Release Profiles for Common Release Types

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1 Introduction

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 “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>.

2 Scope

2.1 Introduction

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 and through sample XML code.

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

2.2 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-”.

2.3 Organisation of the Document

This standard has five clauses and two Annex.

[Clauses 1](#) and [2](#) provides an introduction and scope as well as defining core terms. [Clause 3](#) then defines the Release Profiles covered by this standard. Its components, and how they are to be communicated is then defined in [Clause 4](#). Finally, [Clause 5](#) documents constraints on various Release Types defined herein.

[Annex A](#) then 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. [Annex B](#) provides the sample XML files.

2.4 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 3.6

Note: the provisions within this standard are specific to the above-mentioned standard. However, users for older versions of the baseline standards are encouraged to still follow the rules defined herein wherever technically and practically possible as the provisions within this profile standard are accepted best practice for the communication of Release information.

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

2.5 Release Notes

Version 1.1 provides additional Release Profiles to those defined in Version 1.1. Version 1.1 also tightens the rules for some of the profiles based on implementation experiences.

3 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
<p>1. Audio Single</p> <p>One or more SoundRecording(s) plus supporting cover image.</p>	<ul style="list-style-type: none"> • 1- SoundRecording of type MusicalWorkSoundRecording • 1 Image of type FrontCoverImage, • 0- items of bonus material 	<ul style="list-style-type: none"> • 1 Image of type FrontCoverImage, • 0- items of bonus material
<p>2. Video Single</p> <p>One or more music video recording(s) plus support screen capture image.</p>	<ul style="list-style-type: none"> • 1- Video of type ShortFormMusicalWorkVideo • 1 Image of type VideoScreenCapture • 0- items of bonus material 	<ul style="list-style-type: none"> • 1 Image of type VideoScreenCapture • 0- items of bonus material

<p>3. Mixed Media Bundle</p> <p>A product with a mixture of several audio and video recordings and potentially images and text, plus supporting screen capture per video track and a single cover image.</p>	<ul style="list-style-type: none"> • 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 communicated • 1 Image of type FrontCoverImage • 0- Images of type Video-ScreenCapture • 0- items of bonus material (e.g. such as Images and Booklets) 	<ul style="list-style-type: none"> • 1 Image of type FrontCoverImage • 0- Images of type Video-ScreenCapture • 0- items of bonus material (e.g. such as Images and Booklets)
<p>4. Audio Album</p> <p>A product with several audio recordings, some of which are not songs, plus supporting cover image, including singles containing more than one Resource. Examples include comedy shows.</p>	<ul style="list-style-type: none"> • 1- SoundRecordings of type MusicalWorkSoundRecording or NonMusicalWorkSoundRecording • 1 Image of type FrontCoverImage • 0- items of bonus material 	<ul style="list-style-type: none"> • 1 Image of type FrontCoverImage • 0- items of bonus material
<p>5. Video Album</p> <p>A product with several video recordings, plus screen capture per track and supporting cover image.</p>	<ul style="list-style-type: none"> • 1- Video of type ShortFormMusicalWorkVideo • 1 Image of type FrontCoverImage • 0- Images of type VideoScreenCapture • 0- items of bonus material 	<ul style="list-style-type: none"> • 1 Image of type FrontCoverImage • 0- Images of type VideoScreenCapture • 0- items of bonus material
<p>6. Ringtone</p> <p>A single audio mobile ringtone clip using a SoundRecording Resource.</p>	<ul style="list-style-type: none"> • 1 SoundRecording of type of either MusicalWorkSoundRecording or NonMusicalWorkSoundRecording • 0-1 Image of type FrontCoverImage 	<p>0-1 Image of type FrontCoverImage</p>
<p>7. MidiRingtone</p> <p>A single audio mobile ringtone clip using a MIDI Resource.</p>	<ul style="list-style-type: none"> • 1 Midi Resource of type of either MonophonicMidi or PolyphonicMidi • 0-1 Image of type FrontCoverImage 	<p>0-1 Image of type FrontCoverImage</p>

<p>8. Long-form Music Video</p> <p>A multi-chapter long form video recording, plus a supporting cover image and potentially a screen capture per chapter.</p>	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 1 Image of type FrontCoverImage • 0- Images of type VideoScreenCapture • 0- items of bonus material
<p>9. Digital Boxed Set</p> <p>A multi-volume/component digital product made up of a number of other existing digital products, plus supporting cover image(s).</p>	<ul style="list-style-type: none"> • 0- SoundRecordings of type MusicalWorkSoundRecording • 0- Videos of type ShortFormMusicalWorkVideo 	<ul style="list-style-type: none"> • 1- Images of type FrontCoverImage • 0- Images of type VideoScreenCapture • 0- items of bonus material
<p>10. Classical Audio Album</p> <p>A product with several audio recordings, grouped into classical works, plus supporting cover image.</p>	<ul style="list-style-type: none"> • 1- SoundRecordings of type MusicalWorkSoundRecording, albeit with additional elements as defined below • 0- SoundRecordings of type MusicalWorkSoundRecording, without the additional elements referenced in the previous bullet • 1 Image of type FrontCoverImage • 0- items of bonus material 	<ul style="list-style-type: none"> • 1 Image of type FrontCoverImage • 0- items of bonus material
<p>11. Single Resource Release</p> <p>A single Resource not for distribution to consumers. Typically provided to a partner for finger printing /rights management type services.</p>	<ul style="list-style-type: none"> • 1 Resource of any type 	<p>None</p>

4 Communication of Release Profiles in Release Notifications

4.1 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 single XML file:

Table 2 — Communicating Release Profiles

Release Profile	Main Release	Components Releases
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<p>1. Audio Single</p>	<p>1 Single Releases in accordance with Clause 5.2.10 and Table 1</p>	<ul style="list-style-type: none"> • 1 TrackRelease in accordance with Clause 5.2.11 • 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.
<p>2. Video Single</p>	<p>1 VideoSingle Release in accordance with Clause 5.2.14 and Table 1</p>	<ul style="list-style-type: none"> • 1 VideoTrackRelease in accordance with Clause 5.2.15 • AComponent 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.
<p>3. Mixed Media Bundle</p>	<p>1 Bundle Release in accordance with Clause 5.2.6 and Table 1</p>	<ul style="list-style-type: none"> • 0- TrackReleases in accordance with Clause 5.2.11 • 0- VideoTrackReleases in accordance with Clause 5.2.15 • 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.
<p>4. Audio Album (Music and Speech)</p>	<p>1 Album Release in accordance with Clause 5.2.4 and Table 1 or 1 Single Release (for multi-track singles) in accordance with Clause 5.2.10 and Table 1</p>	<ul style="list-style-type: none"> • 1- TrackReleases in accordance with Clause 5.2.11 • 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.
<p>5. Video Album</p>	<p>1 VideoAlbum Release in accordance with Clause 5.2.13 and Table 1</p>	<ul style="list-style-type: none"> • 0- VideoTrackReleases in accordance with Clause 5.2.15 • 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.
<p>6. Ringtone</p>	<p>1 RingtoneRelease Release in accordance with Clause 5.2.9 and Table 1</p>	<p>None</p>
<p>7. MidiRingtone</p>	<p>1 RingtoneRelease Release in accordance with Clause 5.2.9 and Table 1</p>	<p>None</p>

8. Long-form Music Video	One LongFormMusicalWork-VideoRelease in accordance with Clause 5.2.8 and Table 1	None
9. Digital Boxed Set	1 DigitalBoxedSet Release in accordance with Clause 5.2.7 and Table 1	<ul style="list-style-type: none"> • 0- TrackReleases in accordance with Clause 5.2.11 • 0- VideoTrackReleases in accordance with Clause 5.2.15 • 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. Classical Audio Album	1 Album Release in accordance with Clause 5.2.5 and Table 1	<ul style="list-style-type: none"> • 1- TrackReleases in accordance with Clause 5.2.11 • 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 5.2.12 and Table 1	None

4.2 Signalling a Specific Release Profile

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

`CommonReleaseTypes/11/xxx`

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

`CommonReleaseTypes/11/AudioAlbumMusicandSpeech`

4.3 Communication of Resource Files

When communicating a Release, the message sender shall ensure that for all Resources a Resource File is communicated to the message recipient before the Release (or part of the Release) is to be made available to consumers.

When communicating a Resource File, the message sender shall include a `TechnicalResourceDetails` composite in the relevant Resource composite in the `NewReleaseMessage`.

When updating Resource information, the message sender is not obliged to re-send Resource Files. The absence of a Resource File for a specific Resource is indicated by the absence of the relevant `TechnicalResourceDetails` composite.

When the message sender wishes to update a Resource File for a specific Resource, the message sender shall include a `TechnicalResourceDetails` composite in the relevant Resource composite in the `NewReleaseMessage`.

5 Description of Release Types

5.1 Release Structures

5.1.1 Release Structures 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`.[\[1\]](#)
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 provide any `IndirectSoundRecordingID`, `IndirectVideoID` or `IndirectMidID`, identifying the `MusicalWork` (preferably an ISWC) used, that it has reasonable access to; and
7. 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.

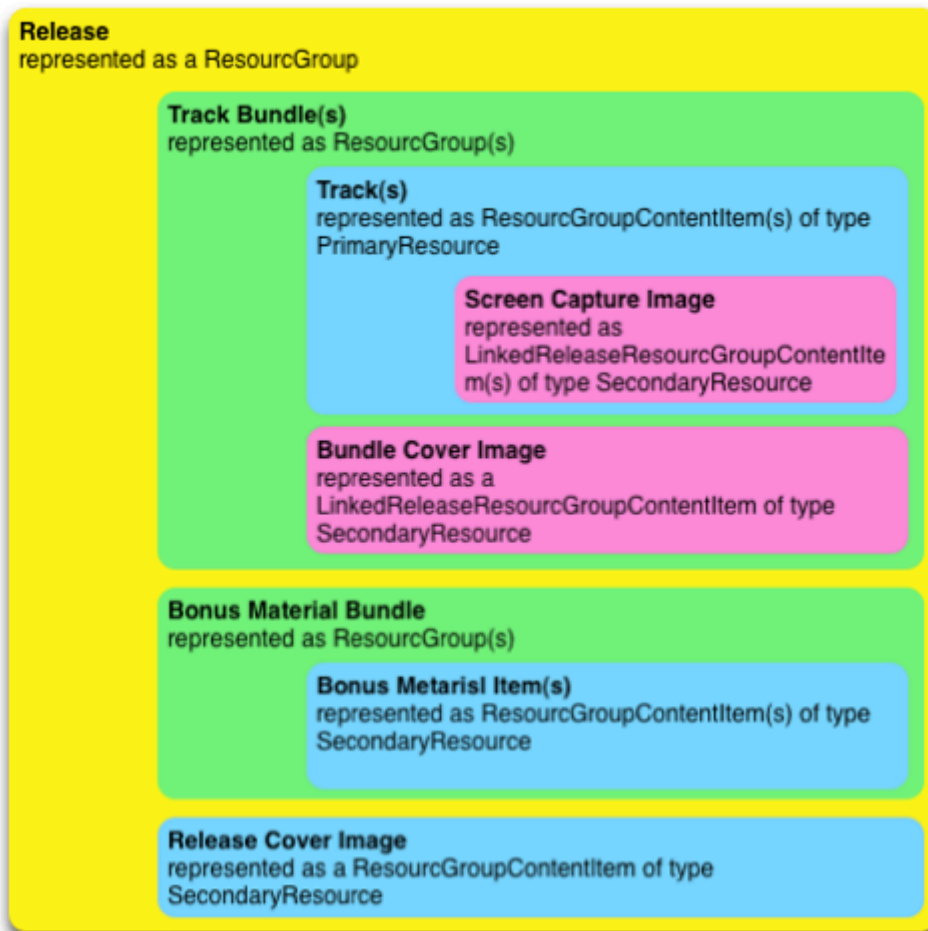


Figure 1 – Release Structures: Main Releases

Please note, that ResourceGroups are also used to represent multi-part musical works in Classical Audio Albums (see also Clause 5.2.5).

[1] In older versions of the Release Notification Message Suite Standard, where the IsMainRelease flag is not available, the same functionality can be achieved by (i) placing the main Release as the first Release into the ReleaseList composite and using a ReleaseReference of “R0”.

5.1.2 Release Structures for Component Releases

For Component Releases the resource grouping hierarchy depicted in Figure 2 shall be used.

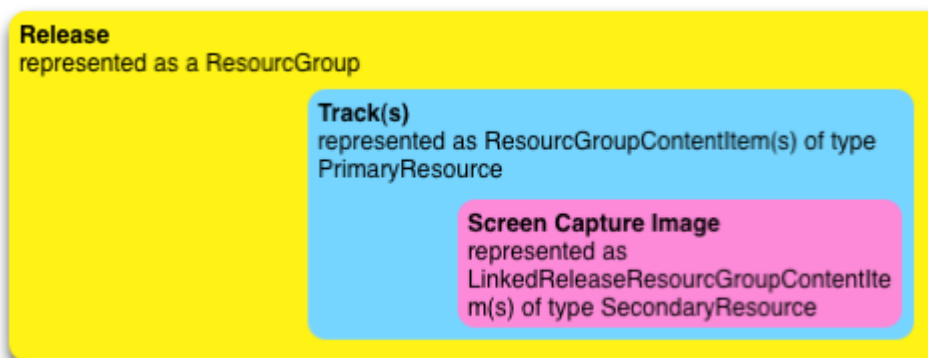


Figure 2 – Release Structures: Component Releases

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;

5.1.3 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.

5.1.4 Chapter Sheet 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 CollectionId.
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 RepresentativImageReference 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.

5.1.5 Physical Releases

A Release that is made available to consumers using a UseType of PurchaseOfPhysicalProduct shall be a Release in accordance with a Relevant Release profile defined in [Table1](#) and structured, using ResourceGroups, as follows:

5.1.5.1 PhysicalProduct

The top (root) level ResourceGroup represents the Release itself (it is therefore, the same as for digital Release structures)

- The Product ResourceGroup is mandatory; and
- The Product ResourceGroup contains either
 - 1-n ComponentProduct (i.e. boxed set); or

- 1-n Components (i.e. non-boxed set); and
- A SequenceNumber shall be used to order the ResourceGroup(s) within the PhysicalProduct ResourceGroup.

Note: ultimately, each PhysicalProduct contains Components. However, it may be that this relationship is via a ComponentProduct and not direct.

5.1.5.2 ComponentProduct

This ResourceGroup “mirrors” an existing physical product, bundled into a boxed set. It will consist of one or more Components (see below).

- The ComponentProduct ResourceGroup is optional;
- The ComponentProduct ResourceGroup shall be identified by a ICPN;
- The ComponentProduct ResourceGroup shall have a DisplayTitle;
- The ComponentProduct ResourceGroup shall contain 1-n Components; and
- A SequenceNumber shall be used to order the ResourceGroup(s) within the ComponentProduct ResourceGroup.

5.1.5.3 Component

This ResourceGroup represents the physical instance of a sound carrier – i.e. a disk or tape or other sound carrier. It

- The Component ResourceGroup is mandatory;
- The Component ResourceGroup shall be identified by a ICPN;
- The Component ResourceGroup shall have a SoundCarrierType
- The ComponentProduct ResourceGroup may have a DisplayTitle
- The ComponentProduct ResourceGroup may contain one of the following:
 - 0 or 2 Sides (if only 1 side is present, no Side is required);
 - 2-n Layers; or
 - 1 TrackList; and
- A SequenceNumber shall be used to order the ResourceGroup(s) within the Component ResourceGroup.

Note: the SoundCarrierType is not supported in versions 3.5.x and older.

5.2.5.4 Side

Some SoundCarriers may have 2 sides. This ResourceGroup is not needed for single sided components.

- A Side ResourceGroup may contain one of the following:
 - 2-n Layer; or
 - 1 TrackList; and
- A SequenceNumber shall be used to order the ResourceGroup(s) or ResourceGroupContentItems(s) within the Side ResourceGroup.

5.2.5.5 Layer

Some sound carriers may have multiple layers, supporting different media types. This ResourceGroup is not needed for single layered components.

- A Layer ResourceGroup shall contain 1 TrackList; and
- A SequenceNumber shall be used to order the ResourceGroup(s) or ResourceGroupContentItems(s) within the Layer ResourceGroup.

5.2.5.6 TrackList

Each component, or side, or layer, ultimately consists if of a sequence ResourceGroupContentItems.

A `SequenceNumber` shall be used to order the `ResourceGroupContentItems(s)` within the `TrackList ResourceGroup`.

5.2 Release Descriptions

5.2.1 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.

5.2.2 Territorial data for Releases or Resources

If no territorial variations exist then the release shall have only one `ReleaseDetailsByTerritory` composite 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.

5.2.3 Data fields common to all Release Profiles

All Release Profiles defined herein shall follow these rules:

1. Within the `ResourceList` composite, at least one `Resource` has to be present. Resources need to be provided in the order they appear in the XML Schema. However, that order does not imply that the Resources are sequenced. To sequence resources, the `ResourceGroup` composite has to be used.
2. 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.
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. Either `GlobalOriginalReleaseDate` or, for each territorial variation, a `ReleaseDate` should be provided for the Release if available to the Message Sender. It should be noted, that a `MessageReceiver` may infer a `GlobalOriginalReleaseDate` by using the earliest territorial `ReleaseDate`.
8. Any `ComponentRelease` shall provide a link back to the `MainRelease` using a `ReleaseRelationshipType` of `IsParentRelease`.
9. For each `Resource` the sender shall provide
 - a. All `IndirectSoundRecordingContributor`, `IndirectVideoContributor` or `IndirectMidiContributor` information it has reasonable access^[1] to. Note: `Indirect*Contributors`

- identify a contributor to the `MusicalWork` used. This applies especially to contributors with roles such as `Composer` and/or `ComposerLyricist`.
- b. All contributors to the `SoundRecording` (or other `Resource`) that is not a `DisplayArtist` for the same role.
 - c. A `DisplayArtist`.
10. Parties listed as a `ResourceContributor` may be repeated as `DisplayArtists` for the same `Resource` as long as their `Role` differs.
 11. Parties that play a role as an `IndirectResourceContributor` and a (direct) `ResourceContributor` shall be communicated in both composites.
 12. For each `Release` the sender shall provide:
 - a. A `DisplayArtist`. Note: providing a `DisplayArtist` on `Release` level does not mean that the same `DisplayArtist` can be omitted on `Resource` level.
 13. The parties listed in `IndirectSoundRecordingContributor`, `IndirectVideoContributor` or `IndirectMidiContributor` may be repeated as `DisplayArtists` on `Resource` and `Release`.
 14. If `MusicalWork` details are provided and if such information contains a `RightsClaim`, then the total of all `RightsClaim-Percentages` for each `MusicalWork` may not exceed 100%.
 15. The `CatalogTransfer` composite may only be used in the context of the `Choreography` for the `Transfer` of `Catalogues` between `Rights Holders` of `Sound Recordings` and other such `Rights Holders`.
 16. To communicate that a `Resource` is either hidden, a bonus resource or an instant-gratification resource, the respective flag(s) on the `ResourceGroupContentItem` shall be used. The flags on `Resource` shall not be used.

When communicating "compound artists" (e.g. "John & Paul"), the string representing the name for the compound artist shall be communicated in the `DisplayArtistName`. The constituent artists ("John" and "Paul") should be communicated, *individually* in the `DisplayArtist` composite. It is, however, also permissible to communicate compound name ("John & Paul") in the `DisplayArtist` composite should the `MessageSender` be unable, despite best effort, to separate out the constituent artists' names. It should be noted that some companies have established rules for concatenating the constituent components of a compound artist (in the above example an ampersand has been used) and that DDEX, while acknowledging the existence of such rules, does not standardise them.

Note: While for Classical Audio Album Releases, the same rules apply the provision of "creative" `IndirectResourceContributors` is crucial. "Creative" parties are parties with one of the following `MusicalWorkContributorRoleCodes`: `Adapter`, `Arranger`, `AssociatedPerformer`, `Author`, `Composer`, `ComposerLyricist`, `Contributor`, `Librettist`, `Lyricist`, `NonLyricAuthor`, `SubArranger`, `Translator`.

[1] Data that the sender has no authority, for instance because of contractual obligations, should not be communicated.

5.2.4 Album

A `Release` of type `Album` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
2. The `Release` shall have a `ReleaseType` of `Album`.
3. The `Release` shall be identified by either a `GRIID` 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 5.1](#) 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.

5.2.5 Classical Album

A Release of type Classical Album shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in Clauses [5.1](#) and [5.2.2](#).
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 if available.
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). *Note: The above only applies if the SoundRecording is based on a MusicalWork with a hierarchical title.*
10. 10. A GroupingTitle denoting the parent of each SoundRecording shall be communicated for each territorial variation if the SoundRecording is a MusicalWork that is part of a hierarchical Work. 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. Work-related hierarchies shall only be provided for SoundRecordings that are based on a MusicalWork that is part of a hierarchical Work
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
-----------------	-----------------------------

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)

<p><i>Single Work</i> with multiple segments</p>	<p>ResourceGroup representing the disc containing</p> <p style="padding-left: 40px;">ResourceGroup representing the Work containing</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 1st segment (=Track 1)</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 2st segment (=Track 2)</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 3rd segment (=Track 3)</p>
<p><i>Works and "tracks" mixed</i> (disc containing one Work with two segments, one track, a second Work with two segments and a track)</p>	<p>ResourceGroup representing the disc containing</p> <p style="padding-left: 40px;">ResourceGroup representing the 1st Work containing</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 1st segment (=Track 1)</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 2st segment (=Track 2)</p> <p style="padding-left: 40px;">ResourceGroup representing the 2nd Work containing</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 1st segment (=Track 4)</p> <p style="padding-left: 80px;">ResourceGroupContentItem representing the 1st segment (=Track 5)</p> <p style="padding-left: 40px;">ResourceGroupContentItem representing the 1st segment (=Track 3)</p> <p style="padding-left: 40px;">ResourceGroupContentItem representing the 1st segment (=Track 6)</p>

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)

[1] A typical “segment” would be a work. A segment itself can be segmented itself using a ResourceGroup instead of a ResourceGroupContentItem.

5.2.6 Mixed Media Bundle

A Release of type `Mixed Media Bundle` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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.

5.2.7 Digital Boxed Set

A Release of type `DigitalBoxedSet` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
2. The Release shall have a `ReleaseType` of `DigitalBoxedSetRelease`.
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 5.1](#) 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.

5.2.8 Long-form Musical Work Video Release

A Release of type `LongFormMusicalWorkVideoRelease` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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 5.1.3](#)
8. Each primary long form Video resource on the release shall contain 1 to many references to chapters as defined in [Clause 5.1.4](#)
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.

5.2.9 Ringtone Clip

A Release of type `RingtoneClip` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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` if the Release is a Ringtone based on a `SoundRecording`.
5. Primary Resources shall be identified with a `ProprietaryId` if the Release is a Ringtone based on a `MIDI Resource`.
6. The Release resource structure as defined in [Clause 5.1](#) shall be communicated.
7. A `LabelName` shall be provided.
8. A `RelatedRelease` of type `IsReleaseFromRelease` shall be provided if such a Release exists and the Message sender has reasonable access to it.
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.

5.2.10 Single

A Release of type `Single` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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.

5.2.11 Track Release

A Release of type `TrackRelease` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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.

5.2.12 Single Resource Release

A Release of type `SingleResourceRelease` shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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. A RightShare for the publisher, owning the right share and the company administering the rights by providing
 - a. A RightShareReference;
 - b. The list of TerritoryCodes (or ExcludedTerritoryCodes) that identify the territorial reach of the RightsClaim;
 - c. The FullName of the RightsController;
 - d. The RightsAdministratorRole and
 - e. A ValidityPeriod if known.
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.

5.2.13 Video Album

A Release of type VideoAlbum shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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.

5.2.14 Video Single

A Release of type VideoSingle shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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.

5.2.15 Video Track Release

A Release of type VideoTrackRelease shall be communicated as follows. An XML file showing which elements to use is attached to this standard.

1. The description shall follow the common rules defined in [Clauses 5.1](#) and [5.2.2](#).
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 5.1](#) 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.

Annex A (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>
```

Annex B (normative) XML Samples

Normative XML Samples are provided in separate files as detailed below. Conformance requires looking at the relevant Release Profile files (defined here) *and* the relevant Business Profile files (defined elsewhere).

The XML Sample files are named in one of three ways:

The Business Profile samples are named `Profile_xxx.xml` with `xxx` being the name of the Profile.