RYM Data Dictionary

May 2019 (RYM version 1.0)



Created by:

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Based on:

https://rateyourmusic.com/

INTRODUCTION

The RateYourMusic Data Dictionary is a summary of the RYM 1.0 metadata schema and an explanation on how to create XML files with this schema. RateYourMusic is a website that holds user-generated metadata on many musical releases. The average user could expect to find any mainstream release they were looking for, however since the site's metadata is usergenerated, certain releases (like releases by local artists) may not be in the RateYourMusic database. But RateYourMusic allows all its users to add releases to its database, so if the user was so inclined, anything could be added. RYM 1.0 does its best to emulate RateYourMusic metadata policies and to accommodate what metadata is automatically generated. This includes both the good and the bad of how RateYourMusic functions. For example, while the RateYourMusic database does have unique identifiers for artists, not all artists included in credits are in the database. Also, RateYourMusic URLs aren't unique, which makes it difficult to incorporate URI attributes. RateYourMusic is a great website to find quick information on most musical releases. People often equate it to the Wikipedia of music (because it's mostly-accurate user-generated data). Even what items are mandatory/not mandatory and repeatable/not repeatable in RYM 1.0 are reflected into how the site functions. RYM 1.0 is made to be able to handle exactly one release per XML file, however it can handle multiple artists (but at least needs one). This is because there are often multiple artists that help create a single release, but not always.

It's also worth mentioning that this is not a completely thorough schema. This is simply because the scope is already very large. Notable metadata we left out include: user ratings, chart position, user metadata, user reviews, multiple issues of the same record, user comments, user lists, user cataloging data and track ratings. Another aspect to note is that if this was a truly thorough metadata schema for RateYourMusic, it would be formatted to accommodate entire discographies of artists. What the current schema has settled on is a thorough representation of the releases descriptive metadata. As demonstrated in the outline, this mostly consists of metadata that describes the sounds of the release itself and enough artist metadata to accurately credit the artist with their contribution to the release. This schema uses the RateYourMusic automatically generated unique identifiers. It also allows the user to use the names of the artist if their identifier isn't currently in the artist database. There is also crucial metadata that doesn't relate to the sound of the release, like the record label and the release art.

Given how specific this schema is, there was not much to base it off of. However, the schema heavily follows the structure and syntax of PREMIS. It also follows the PREMIS 1-to1 principal. The RYM schema is very broad, allowing users to create XML files of any type of release on RateYourMusic. This includes: classical releases (having the ability to denote composer and performer), splits (whether it's A / B side or alternating), DJ mixes and mixtapes (with multiple artists sampled), regular albums, EPs, singles, videos, bootlegs, archival releases and live releases. Because of the nature of this schema being directly an adaptation from RateYourMusic, most of the data types are simply strings. This is because that other data constraints, such as PRONOM or Library of Congress, don't fit the syntax that RateYourMusic uses. So when building an XML file for a release, it's recommended to use the vocabulary that RateYourMusic uses. The idea of this schema is to be as close as possible to RateYourMusic so in later versions can be scripted to take metadata from existing releases and also create releases from RYM 1.0 XML files. For a better idea on how RateYourMusic adds artists and releases, visit these links:

- Add an artist: https://rateyourmusic.com/artist/profile_ac
- Add a release: https://rateyourmusic.com/releases/ac?artist_id=73932
- Capitalization rules: https://rateyourmusic.com/wiki/RYM:Capitalization
- RYM standards guide: https://rateyourmusic.com/wiki/Music:Add+a+release
- Database standards: https://rateyourmusic.com/wiki/RYM:Database+standards

Additional links will be given later in the Data Dictionary for specific formatting requirements, always using RateYourMusic as an authority. The purpose of the RYM Data Dictionary is to be an intuitive experience for those who are familiar with RateYourMusic metadata. All of the hierarchal relationships are the same way in RateYourMusic, along with what is required of releases and what aspects are repeatable. This would also make it easy to write a script for both transferring an XML file to a release page and transferring a release page to an XML file. This goal is the main reason for the strict adherence to the authority of RateYourMusic and not trying to make it more machine readable with other typical metadata practices. However, RYM 1.0 is an accurate representation of how RateYourMusic's metadata translates into a schema.

OUTLINE

M/NM = Mandatory/Not Mandatory; R/NR = Repeatable/Not Repeatable

1. releaseInfo [M/NR]

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1.1. release [M/NR]
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- 1.1.1. releaseRYMIdentifier [M/NR]
- 1.1.2. <u>releaseType</u> [M/R]
- 1.1.3. releaseTitle [M/NR]
- 1.1.4. releaseDate [NM/NR]
- 1.1.5. releaseLabel [NM/NR]
- 1.1.6. releaseGenres [NM/NR]

1.1.6.1. releasePrimaryGenres [M/NR]

- 1.1.6.1.1. releasePrimaryGenre [M/R]
 - 1.1.6.1.1.1. releasePrimaryGenreIdentifier [M/NR]
 - 1.1.6.1.1.2. <u>releasePrimaryGenreName</u> [M/NR]
 - 1.1.6.1.1.3. releasePrimaryGenreDescription [M/NR]

1.1.6.2. releaseSecondaryGenres [NM/NR]

- 1.1.6.2.1. releaseSecondaryGenre [M/R]
 - 1.1.6.2.1.1. releaseSecondaryGenreIdentifier [M/NR]
 - 1.1.6.2.1.2. releaseSecondaryGenreName [M/NR]
 - 1.1.6.2.1.3. releaseSecondaryGenreDescription [M/NR]
- 1.1.7. releaseDescriptor [NM/R]
- 1.1.8. releaseLanguage [NM/R]
- 1.1.9. releaseArt [NM/NR]
- 1.1.10. releaseTracks [NM/NR]
 - 1.1.10.1. releaseTrack [M/R]
 - 1.1.10.1.1. releaseTrackName [M/NR]
 - 1.1.10.1.2. <u>releaseTrackPosition</u> [M/NR]
 - 1.1.10.1.3. releaseTrackLength [NM/NR]
 - 1.1.10.1.4. releaseTrackCredits [NM/NR]

1.1.10.1.4.1. releaseTrackCredit [M/R]

1.1.10.1.4.1.1.

releaseTrackCreditArtistRYMIdentifier [NM/NR]

- 1.1.10.1.4.1.2. releaseTrackCreditArtistName [M/NR]
- 1.1.10.1.4.1.3. releaseTrackCreditRole [M/R]
- 1.1.11. releaseLength [NM/NR]
- 1.1.12. releaseCredits [NM/NR]
 - 1.1.12.1. releaseCredit [M/R]
 - 1.1.12.1.1. releaseCreditArtistRYMIdentifier [NM/NR]
 - 1.1.12.1.2. releaseCreditArtistName [M/NR]
 - 1.1.12.1.3. releaseCreditArtistRole [NM/R]
- 1.2. artist [M/R]
 - 1.2.1. artistRYMIdentifier [NM/NR]
 - 1.2.2. artistName [M/NR]
 - 1.2.3. artistFormed [NM/R]
 - 1.2.3.1. artistFormedDate [NM/NR]
 - 1.2.3.2. artistFormedLocation [NM/NR]
 - 1.2.3.3. artistFormedCause [NM/NR]
 - 1.2.4. artistDisbanded [NM/R]
 - 1.2.4.1. artistDisbandedDate [NM/NR]
 - 1.2.4.2. artistDisbandedLocation [NM/NR]
 - 1.2.4.3. artistDisbandedCause [NM/NR]
 - 1.2.5. artistCurrentLocation [NM/NR]
 - 1.2.6. <u>artistNote</u> [NM/R]
 - 1.2.7. artistBiography [NM/NR]
 - 1.2.8. artistMembers [NM/NR]
 - 1.2.8.1. artistMember [M/R]
 - 1.2.8.1.1. artistMemberArtistRYMIdentifier [NM/NR]
 - 1.2.8.1.2. artistMemberName [M/NR]
 - 1.2.8.1.4. artistMemberRole [M/R]

Element Name	1. releaseInfo
Definition	The root element to the XML file. All XML files must start with this.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1. release
	1.2. artist
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releaseinfo></releaseinfo>
	<release></release>
	<artist></artist>
	<artist></artist>

Element Name	1.1. release
Definition	The container that contains all of the information for the release. This element also contains ways to use unique identifiers to attribute the release attribute with an artist. It's not repeatable because this schema aims towards focusing on one release per XML file. However, it's of course mandatory because this is where most of the information will be.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.1. releaseRYMIdentifier 1.1.2. releaseType 1.1.3. releaseTitle 1.1.4. releaseDate 1.1.5. releaseLabel 1.1.6. releaseGenres 1.1.7. releaseDescriptor 1.1.8. releaseLanguage 1.1.9. releaseArt 1.1.10 releaseTracks 1.1.11 releaseLength 1.1.11 releaseCredits
Obligation	Mandatory

Repeatability	Not Repeatable
Example	<pre><releaseinfo></releaseinfo></pre>

Element Name	1.1.1. releaseRYMIdentifier
Definition	The unique identifier given to all RateYourMusic releases. This is mandatory because it's the only element that is guaranteed to be unique. Not only does this reduce confusion, but a unique identifier is a vital attribute to any properly functioning database. The identifier can also be used to search releases and automatically create links on all RateYourMusic pages.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/Music:Add+release+information Look under "2. File Under" for an example on how identifiers are formatted and used within RateYourMusic. (No specific formatting page because these are automatically generated.)
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releaserymidentifier> [Album9981717]</releaserymidentifier>

Element Name	1.1.2. releaseType
Definition	The type that the release is. This is important to denote what type of
	contents are in the release. This value can be repeated because it's
	possible for releases to be multiple types. A release could just be an
	album, but it could also be an archival live bootleg split. The way
	RateYourMusic gets its release type is typically what the artist releases it
	as. Even though most people wouldn't consider a 2 hour release an EP, if
	the artist releases it as such, then it is.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/Music:Release+types
Sub-elements	None.
Obligation	Mandatory

Repeatability	Repeatable
Example	<releasetype>Album</releasetype> <releasetype>Live</releasetype>
	release 1 ype/Live/release 1 ype/

Element Name	1.1.3. releaseTitle
Definition	The title of the release of the particular issue that's being cataloged. While
	it's possible for a release to have multiple titles over time, releases are
	given one title for each issue. Since this schema only focuses on one
	issue, it's important to pick the title of the release that coincides with the
	issue from the releaseRYMIdentifier.
Data Type	String.
Format Constraint	Exactly how it appears on the particular issue's release page.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releasetitle>Bigtyme Vol II: All Screwed Up</releasetitle>

Element Name	1.1.4. releaseDate
Definition	The release date of the particular issue. Should only be included if the
	information is certain.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/Music:Add+release+information Look
	under "6. Release Date." Should be formatted:
	[day:int] [month:full name with capitalization] [year:full year, int]. Or
	simply, exactly how it appears on the release page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releasedate>1 November 1993</releasedate>

Element Name	1.1.5. releaseLabel
Definition	The release label of the particular issue. Should only be included if the
	information is certain.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/Music:Labels

	Found in the "release view" section on the release's page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releaselabel>Nonesuch</releaselabel>

The container that holds the genre information for the release. This ontainer holds both the container for primary genres and secondary enres. Container. Jone.
Iona
None.
.1.6.1. releasePrimaryGenres
.1.6.2. releaseSecondaryGenres
Mandatory
Not Repeatable
<pre>creleaseGenres></pre>
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Element Name	1.1.6.1. releasePrimaryGenres
Definition	The container that holds the containers for releasePrimaryGenre, which
	holds multiple elements for one genre. A primary genre, as defined by
	RateYourMusic, is "[those] which apply to the [release] as a whole."
Data Type	Container.
Format Constraint	None.

Sub-elements	1.1.6.1.1. releasePrimaryGenre
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<pre><releaseprimarygenres></releaseprimarygenres></pre>

Element Name	1.1.6.1.1. releasePrimaryGenre
Definition	The container that holds the information for one primary genre.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.6.1.1.1 releasePrimaryGenreIdentifier
	1.1.6.1.1.2. releasePrimaryGenreName
	1.1.6.1.1.3. releasePrimaryGenreDescription
Obligation	Mandatory
Repeatability	Repeatable
Example	<releaseprimarygenre></releaseprimarygenre>
	<releaseprimarygenre></releaseprimarygenre>
	<releaseprimarygenre></releaseprimarygenre>

Hlamant Nama	1116111 ralage Drimary Canraldantitiar
Element Name	1.1.6.1.1.1 releasePrimaryGenreIdentifier

Definition	The unique identifier for every genre in the RateYourMusic database. Similar to releases, but different from artists, is that every genre has an unique identifier.
Data Type	String.
Format	https://rateyourmusic.com/genre/Ambient/ Not listed specifically in
Constraint	RateYourMusic for formatting because it's automatically generated, but available on every genre's page. Located in the top right corner above the "See genre chart" link.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releaseprimarygenre></releaseprimarygenre>
	<pre><releaseprimarygenreidentifier>[Genre84]</releaseprimarygenreidentifier> </pre>

Element Name	1.1.6.1.1.2. releasePrimaryGenreName
Definition	The name of the genre. Every genre in the RateYourMusic database has a
	name.
Data Type	String.
Format Constraint	https://rateyourmusic.com/rgenre/ All genre names can be found here. To
	find subgenres, click on the parent genre.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releaseprimarygenre></releaseprimarygenre>

Element Name	1.1.6.1.1.2. releasePrimaryGenreDescription
Definition	The description of the genre. Every genre in the RateYourMusic database
	has a description.
Data Type	String.
Format Constraint	https://rateyourmusic.com/rgenre/ All genre descriptions can be found
	here. To find descriptions of subgenres, click on the parent genre.
Sub-elements	None.
Obligation	Mandatory

Repeatability	Not Repeatable
Example	<releaseprimarygenre> <releaseprimarygenredescription> Ambient is a style that describes a large spectrum of music. Ambient music puts more emphasis on actual sound than musical structure, aimed at forming a particular atmosphere or mood with the help of conventional and unconventional instruments, sound clips, and sometimes vocal clips. Singing in ambient music can be done, although a good deal of ambient is instrumental. Ambient music is not limited to any particular mood or sound, but rather embraces the idea that any mood or atmosphere can be achieved through sound alone, rather than needing to rely on music composition or song structure. Ambient has been incorporated into a large amount of various already-existing musical genres, due to its extremely compatible usage and versatility. </releaseprimarygenredescription> </releaseprimarygenre>

Element Name	1.1.6.2 malagas Sagandamy Cannas
	1.1.6.2. releaseSecondaryGenres
Definition	The container that holds the containers for releaseSecondaryGenre, which
	holds multiple elements for one genre. A secondary genre, as defined by
	RateYourMusic, is "[those that] include influences and undertones that
	are less predominant, or not representative of the work as a whole."
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.6.1.1. releaseSecondaryGenre
	,
Obligation	Not Mandatory
Repeatability	Not Repeatable
Evample	cuala aca Ca can dany Cannaca
Example	<releasesecondarygenres></releasesecondarygenres>
	<releasesecondarygenre></releasesecondarygenre>
	<releasesecondarygenre></releasesecondarygenre>
	•
	<releasesecondarygenre></releasesecondarygenre>
	<releasesecondarygenre></releasesecondarygenre>
	Toleasesecolidal youthes

Element Name	1.1.6.2.1. releaseSecondaryGenre
Definition	The container that holds the information for one secondary genre.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.6.1.1.1 releaseSecondaryGenreIdentifier
	1.1.6.1.1.2. releaseSecondaryGenreName
	1.1.6.1.1.3. releaseSecondaryGenreDescription
Obligation	Mandatory
Repeatability	Repeatable
Example	<releasesecondarygenre></releasesecondarygenre>
	<releasesecondarygenre></releasesecondarygenre>
	<releasesecondarygenre></releasesecondarygenre>

Element Name	1.1.6.2.1.1. releaseSecondaryGenreIdentifier
Definition	The unique identifier for every genre in the RateYourMusic database. Similar to releases, but different from artists, is that every genre has an unique identifier.
Data Type	String.
Format Constraint	https://rateyourmusic.com/genre/Ambient/ Not listed specifically in RateYourMusic for formatting because it's automatically generated, but available on every genre's page. Located in the top right corner above the "See genre chart" link.
Sub- elements	None.
Obligation	Mandatory
Repeatabilit y	Not Repeatable
Example	<pre><releasesecondarygenre> <releasesecondarygenreidentifier>[Genre84] </releasesecondarygenreidentifier></releasesecondarygenre></pre>

Element Name	1.1.6.2.1.2. releaseSecondaryGenreName
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Definition	The name of the genre. Every genre in the RateYourMusic database has a
	name.
Data Type	String.
Format Constraint	https://rateyourmusic.com/rgenre/ All genre names can be found here. To
	find subgenres, click on the parent genre.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releasesecondarygenre></releasesecondarygenre>
_	<pre><releasesecondarygenrename>Ambient</releasesecondarygenrename></pre>

Element Name	1.1.6.2.1.3. releaseSecondaryGenreDescription
Definition	The description of the genre. Every genre in the RateYourMusic database
	has a description.
Data Type	String.
Format Constraint	https://rateyourmusic.com/rgenre/ All genre descriptions can be found
	here. To find descriptions of subgenres, click on the parent genre.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releaseprimarygenre> <pre><releaseprimarygenredescription> Ambient is a style that describes a large spectrum of music. Ambient music puts more emphasis on actual sound than musical structure, aimed at forming a particular atmosphere or mood with the help of conventional and unconventional instruments, sound clips, and sometimes vocal clips. Singing in ambient music can be done, although a good deal of ambient is instrumental. Ambient music is not limited to any particular mood or sound, but rather embraces the idea that any mood or atmosphere can be achieved through sound alone, rather than needing to rely on music composition or song structure. Ambient has been incorporated into a large amount of various already-existing musical genres, due to its extremely compatible usage and versatility. </releaseprimarygenredescription> </pre></releaseprimarygenre>

Element Name	1.1.7. releaseDescriptor
Definition	Descriptors on RateYourMusic are similar to genres, in that they describe
	the sound of the record, but they're more closely related to how the album

	feels than official genres. They can be adjectives or nouns that describe the album in a way that genres can't. They don't have unique identifiers and not all descriptors have descriptions, so just the name of the descriptor is good enough.
Data Type	String.
Format Constraint	All descriptors found here: https://rateyourmusic.com/music_descriptor/ Descriptors for a release page found under the genres.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Repeatable
Example	<pre><releasedescriptor>philosophical</releasedescriptor> <releasedescriptor>science fiction</releasedescriptor> <releasedescriptor>vulgar</releasedescriptor> <releasedescriptor>angry</releasedescriptor></pre>

release language is the language spoken (or song, growled, etc) on
release. This has no influence on what languages the artists speak. If
album is instrumental, it may be left blank. If the release has multiple
uages spoken, this element may be repeated.
ng.
anguages found here:
s://rateyourmusic.com/wiki/RYM:Languages
guage can be found on a release's page below descriptors/genres. The
nat should be the middle option of the three for this schema.
e.
Mandatory
eatable
easeLanguage>Mongolian
easeLanguage>Arabic

Element Name	1.1.9. releaseArt
Definition	Otherwise known as album art, the art's that associated with a release's
	issue. This element must be supported with a URL to the image.
Data Type	anyURI.

Format	If the release has release art, it can be found in the top left corner. To
Constraint	retrieve the URI, first click the image, then click "View cover art" over the
	album art on the second page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Enomale	cual accord and
Example	<releaseart></releaseart>
	https://e.snmc.io/i/fullres/w/3054ce3add686f5438694d31f9a3ba47/2405853

Element Name	1.1.10. releaseTracks
Definition	The container that will hold all of the tracks that are on the release.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.10.1. releaseTrack
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releasetracks> <releasetrack> </releasetrack> <releasetrack> </releasetrack> </releasetracks>

Element Name	1.1.10.1. releaseTrack
Definition	The container that will the information for a single track from the release.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.10.1.1. releaseTrackName
	1.1.10.1.2. releaseTrackPosition
	1.1.10.1.3. releaseTrackLength
	1.1.10.1.4. releaseTrackCredits
Obligation	Mandatory

Repeatability	Repeatable
Example	<pre><releasetracks></releasetracks></pre>

Element Name	1.1.10.1.1. releaseTrackName
Definition	The name of the track.
Data Type	String.
Format Constraint	Should be written exactly as it appears on the release page.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<releasetracks></releasetracks>
	<releasetrack></releasetrack>
	<releasetrackname>Intro</releasetrackname>
	<releasetrack></releasetrack>
	<pre><releasetrackname>Lord of the Game</releasetrackname></pre>

Element Name	1.1.10.1.2. releaseTrackPosition
Definition	The position that the track appears on the release. Is not necessary an
	integer, could also denote the side of the record along with the number.
Data Type	String.
Format Constraint	Should be written exactly as it appears on the release page.
Sub-elements	None.
Obligation	Mandatory

Repeatability	Not Repeatable
Example	<pre><releasetracks></releasetracks></pre>
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Element Name	1.1.10.1.3. releaseTrackLength
Definition	The length of the track.
Data Type	String.
Format Constraint	Should be written exactly as it appears on the release page. Appears in the format of [int:hours]:[int:minutes]:[int:seconds]
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releasetracks></releasetracks>
	<releasetrack></releasetrack>
	<pre><releasetracklength>1:00</releasetracklength></pre>
	<releasetrack></releasetrack>
	<pre><releasetracklength>1:43:12</releasetracklength></pre>
	<releasetrack></releasetrack>
	<pre><releasetracklength>0:32</releasetracklength></pre>

Element Name	1.1.10.1.4. releaseTrackCredits

Definition	The container that holds the container for the individual track credits.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.10.1.4.1. releaseTrackCredit
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<pre><releasetracks></releasetracks></pre>

Element Name	1.1.10.1.4.1. releaseTrackCredit
Definition	The container that holds the information for each individual track.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.10.1.4.1.1. releaseTrackCreditArtistRYMIdentifier
	1.1.10.1.4.1.2. releaseTrackCreditArtistName
	1.1.10.1.4.1.3. releaseTrackCreditRole
Obligation	Mandatory
Repeatability	Repeatable
Example	<releasetracks></releasetracks>
_	<releasetrack></releasetrack>
	<releasetrackcredits></releasetrackcredits>
	<releasetrackcredit></releasetrackcredit>
	<releasetrackcredit></releasetrackcredit>

Element Name	1.1.10.1.4.1.1. releaseTrackCreditArtistRYMIdentifier
Definition	The RateYourMusic artist identifier that links the artist entity to its accreditation within the releaseTrackCredit container. Not mandatory because not all artists have an identifier. Not repeatable because it's unique.
Data Type	String.
Format Constraint	Must be a RateYourMusic artist identifier. I.e., [ArtistXXXXX]
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<pre><releasetracks></releasetracks></pre>

Element Name	1.1.10.1.4.1.2. releaseTrackCreditArtistName
Definition	The name that links the artist entity to its accreditation within the
	releaseTrackCredit container. Mandatory because every artist has a name.
Data Type	String.
Format Constraint	Must be how the particular release describes it at the time of the issue.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releasetracks></releasetracks>
	<releasetrack></releasetrack>
	<releasetrackcredits></releasetrackcredits>

1.1.10.1.4.1.2. releaseTrackCreditRole
The role that the artist had on the track of the release. Repeatable because
the same artist can play multiple roles on a track.
String.
https://rateyourmusic.com/wiki/RYM:Capitalization
None.
Mandatory
Repeatable
<pre><releasetracks></releasetracks></pre>

Element Name	1.1.11. releaseLength
Definition	Automatically generated value (from track lengths) that displays the playlength of the entire album. Not repeatable because a release only has one play-length.
Data Type	String.
Format Constraint	Should be written exactly as it appears on the release page. Appears in the format of [int:hours]:[int:minutes]:[int:seconds]

Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releaselength>1:42:17</releaselength>

Element Name	1.1.12. releaseCredits
Definition	The container that holds the credits for the entire release.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.12.1.1. releaseCredit
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<pre><releasecredits></releasecredits></pre>

Element Name	1.1.12.1. releaseCredit
Definition	The container that holds one credit information for the entire release.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.1.12.1.1. releaseCreditArtistRYMIdentifier
	1.1.12.1.2. releaseCreditArtistName
	1.1.12.1.3. releaseCreditRole
Obligation	Mandatory
Repeatability	Repeatable
Example	<releasecredits></releasecredits>
	<releasecredit></releasecredit>

<releasecredit></releasecredit>

Element Name	1.1.12.1.1. releaseCreditArtistRYMIdentifier
Definition	The RateYourMusic artist identifier that links the artist entity to its
	accreditation within the releaseCredit container. Not mandatory because
	not all artists have an identifier. Not repeatable because it's unique.
Data Type	String.
Format Constraint	Must be a RateYourMusic artist identifier. I.e., [ArtistXXXXX]
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<releasecredits></releasecredits>
	<releasecredit></releasecredit>
	<releasecreditartistrymidentifier></releasecreditartistrymidentifier>
	[Artist173]

Element Name	1.1.12.1.2. releaseCreditArtistName
Definition	The RateYourMusic artist identifier that links the artist entity to its accreditation within the releaseCredit container. Not mandatory because not all artists have an identifier. Not repeatable because it's unique.
Data Type	String.
Format Constraint	Must be a RateYourMusic artist identifier. I.e., [ArtistXXXXX]
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<pre><releasecredits></releasecredits></pre>

Element Name	1.1.12.1.3. releaseCreditArtistRole
Definition	The role that the artist had on the entire release. Repeatable because the same artist can play multiple roles on the release.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/RYM:Capitalization
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Repeatable
Example	<pre><releasecredits></releasecredits></pre>

Element Name	1.2. artist
Definition	The container that holds all information about the artist. Release links to
	this element and includes their role on the release, but this holds all other
	information about the artist.
Data Type	Container.
Format Constraint	https://rateyourmusic.com/wiki/Music:Add+an+artist
Sub-elements	1.2.1. artistRYMIdentifier
	1.2.2. artistName
	1.2.3. artistFormed
	1.2.4. artistDisbanded
	1.2.5. artistCurrentLocation
	1.2.6. artistNote
	1.2.7. artistBiography
	1.2.8. artistMembers
Obligation	Mandatory

Repeatability	Repeatable
Example	<releaseinfo> <release></release></releaseinfo>
	<artist></artist>
	<pre> <artist></artist></pre>
	<pre> </pre>

Element Name	1.2.1. artistRYMIdentifier
Definition	The RateYourMusic artist identifier that links the artist entity to either
	track credits or release credits. Not mandatory because not all artists have
	an identifier. Not repeatable because it's unique.
Data Type	String.
Format Constraint	Must be a RateYourMusic artist identifier. I.e., [ArtistXXXXX]
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist></artist>
	<artistrymidentifier>[Artist6714]</artistrymidentifier>

Element Name	1.2.2. artistName
Definition	The RateYourMusic artist's name at the time of release. The only
	mandatory field in artist (every artist has a name).
Data Type	String.
Format Constraint	Must be exactly as written during time of release.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<artist></artist>
	<artistname>The Chemical Brothers</artistname>

Element Name	1.2.3. artistFormed
Definition	The container that holds all the information about the artist's formation. Repeatable because artists can potentially get back together. Not mandatory in-case the information is unavailable (i.e., it's not mandatory on RateYourMusic either).
Data Type	Container.
Format Constraint	None.
Sub-elements	1.2.3.1. artistFormedDate 1.2.3.2. artistFormedLocation 1.2.3.3. artistFormedCause
Obligation	Not Mandatory
Repeatability	Repeatable
Example	<artist> <artistformed></artistformed></artist>

Element Name	1.2.3.1. artistFormedDate
Definition	The date that the artist formed. This can be when a group got together, or when someone was born. To be determined in artistFormedCause.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/Music:Add+release+information Look under "6. Release Date." Should be formatted: [day:int] [month:full name with capitalization] [year:full year, int]. Or simply, exactly how it appears on the release page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist> <artistformed></artistformed></artist>

Element Name	1.2.3.2. artistFormedLocation
Definition	The location that the artist formed. This can be when a group got together, or when someone was born. To be determined in artistFormedCause.
Data Type	String.
Format Constraint	Must be formatted with commas after every part of location. Or in other words, how it appears on the artist's page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist></artist>
	<pre></pre>

Element Name	1.2.3.3. artistFormedCause
Definition	The reason for the date and for the location. Could be any reason, but
	most commonly born. If left blank, assumed the story behind it is
	unknown.
Data Type	String.
Format Constraint	None.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist></artist>
	<artistformed></artistformed>
	<artistformedcause>Born</artistformedcause>

Element Name	1.2.4. artistDisbanded
Definition	The container that holds all the information about the artist's stop.
	Repeatable because artists can potentially get back together. Not

	mandatory in-case the information is unavailable (i.e., it's not mandatory on RateYourMusic either).
Data Type	Container.
Format Constraint	None.
Sub-elements	1.2.4.1. artistDisbandedDate
	1.2.4.2. artistDisbandedLocation
	1.2.4.3. artistDisbandedCause
Obligation	Not Mandatory
Repeatability	Repeatable
Example	<artist></artist>
	<artistdisbanded></artistdisbanded>
	<artistdisbandeddate></artistdisbandeddate>
	<artistdisbandedlocation></artistdisbandedlocation>
	<artistdisbandedcause></artistdisbandedcause>

Element Name	1.2.4.1. artistDisbandedDate
Definition	The date that the artist disbanded. This can be when a group separated, or when someone died. To be determined in artistFormedCause.
Data Type	String.
Format Constraint	https://rateyourmusic.com/wiki/Music:Add+release+information Look under "6. Release Date." Should be formatted: [day:int] [month:full name with capitalization] [year:full year, int]. Or simply, exactly how it appears on the release page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist> <artistdisbanded></artistdisbanded></artist>

Element Name	1.2.4.2. artistDisbandedLocation
Definition	The location that the artist Disbanded. This can be when a group
	separates, or when someone died. To be determined in artistFormedCause.

Data Type	String.
Format Constraint	Must be formatted with commas after every part of location. Or in other words, how it appears on the artist's page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist> <artistdisbanded></artistdisbanded></artist>

Element Name	1.2.4.3. artistDisbandedCause
Definition	The reason for the date and for the location. Could be any reason, but most commonly died. If left blank, assumed the story behind it is unknown.
Data Type	String.
Format Constraint	None.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist> <artistdisbanded></artistdisbanded></artist>

Element Name	1.2.5. artistCurrentLocation
Definition	The current location of the artist as the metadata schema is being created,
	not at the time of release.
Data Type	String.
Format Constraint	Must be formatted with commas after every part of location. Or in other
	words, how it appears on the artist's page.

Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<pre><artist> <artistcurrentlocation> Hamburg, Germany</artistcurrentlocation> </artist></pre>

Element Name	1.2.6. artistNote
Definition	Miscellaneous notes that can be relevant to the artist. This can be
	marriage relationships with other artists or a certain label. Repeatable
	because each note should be its own field.
Data Type	String.
Format Constraint	None.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Repeatable
Example	<artist></artist>
	<artistnote>Founders of Brother Records</artistnote>
	<artistnote></artistnote>
	Also Known As Beach Boys, Carl and the Passions, The
	Pendletones, The Beachboys

Element Name	1.2.7. artistBiography
Definition	A couple-hundred biography on the artist's page. Not mandatory because
	it's not a requirement for RateYourMusic pages.
Data Type	String.
Format Constraint	Exactly as it appears on the page.
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist></artist>

cartistBiography>
DJ Screw (born Robert Earl Davis, Jr.) was a Houston hip hop artist known for his trademark Chopped and Screwed remixing style, where he would change tracks to a much slower pace and add various effects, such as beat skipping and scratching, to drastically alter its sound. This technique has become hugely popular within hip hop, with many albums being remixed and released in the chopped and screwed style.

He died aged 29 on November 16, 2000 after consuming a lethal combination of codeine and alcohol. However, he leaves behind a musical style bearing his name, as well as a musical legacy totalling hundreds of albums, mainly cassette tapes ("screwtapes") released through Screwed Up Records in his home city of Houston.

</rartistBiography>

</rartistBiography>

</rartistSiography>

Element Name	1.2.8. artistMembers
Definition	A container for artists that consist of multiple members. A way to link multiple artists to a single group-artist. artistMembers holds the artistMember class, which will hold information for one of the members.
Data Type	Container.
Format Constraint	None.
Sub-elements	1.2.8.1. artistMember
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist> <artistmembers></artistmembers></artist>

Element Name	1.2.8.1. artistMember
Definition	A container for an artist in an artist-group. Holds information on their role
	and linking identifiers.

Data Type	Container.
Format Constraint	None.
Sub-elements	1.2.8.1.1. artistMemberRYMIdentifier
	1.2.8.1.2. artistMemberName
	1.2.8.1.3. artistMemberRole.
Obligation	Mandatory
Repeatability	Repeatable
Example	<artist></artist>
	<artistmembers></artistmembers>
	<artistmember></artistmember>
	<artistmemberrymidentifier></artistmemberrymidentifier>
	<artistmembername></artistmembername>
	<artistmember></artistmember>
	<pre><artistnembername></artistnembername></pre>

Element Name	1.1.8.1.1. artistMemberRYMIdentifier
Definition	The RateYourMusic artist identifier that links the artist entity to its
	accreditation for the track and/or for the entire release. Not mandatory
	because not all artists have an identifier. Not repeatable because it's
	unique.
Data Type	String.
Format Constraint	Must be a RateYourMusic artist identifier. I.e., [ArtistXXXXX]
Sub-elements	None.
Obligation	Not Mandatory
Repeatability	Not Repeatable
Example	<artist></artist>
	<artistmembers></artistmembers>
	<artistmember></artistmember>
	<artistmemberrymidentifier></artistmemberrymidentifier>

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[Artist1930]

</artistMemberRYMIdentifier>
<artistMemberName>...</artistMemberName>
</artistMemberRole>...</artistMemberRole>

</artistMember>
<artistMemberName>...</artistMemberName>
</artistMemberRole>...</artistMemberRole>

</artistMemberRole>...</artistMemberRole>
</artistMemberRole>...</artistMemberRole>
</artistMember>
</artistMembers>
</artistMembers>
</artistS
```

Element Name	1.1.8.1.2. artistMemberName
Definition	The name that links the artist entity to its accreditation within the releaseTrackCredit container. Mandatory because every artist has a name.
Data Type	String.
Format Constraint	Must be how the particular release describes it at the time of the issue.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Not Repeatable
Example	<pre><artist></artist></pre>

Element Name	1.1.8.1.2. artistMemberRole
Definition	The role that the artist plays within the group. Mandatory because every
	artist has a role in a group. Repeatable because every artist has the
	potential to have multiple roles.

Data Type	String.
Format Constraint	None.
Sub-elements	None.
Obligation	Mandatory
Repeatability	Repeatable
Example	<pre><artist> <artistmembers></artistmembers></artist></pre>