

XML Bulk Import Documentation

Updated 2025-02-10

Change Log

2025-02-10

- Added support to declare “AI Disclosure” for cover art and stereo audio

2024-12-05

- Removed support for the language “Bihari Languages”
- Included support for languages: “Bhojpuri”, “Magahi”, and “Maithili”

2024-10-24

- Added expanded contributor role support

2023-09-18

- Removed ability to convey *exclusive store/exclusive date/exclusive duration* (this must be done through the Symphonic front-end)

Instructions

Pre-Upload Requirements

Before using the bulk importer, ensure the labels your releases belong to exist on your account. If not, reach out to [Symphonic Support](#) to get your labels set up.

Connect to our FTP with the credentials we provided you. If you cannot connect for any reason, reach out to [Symphonic Support](#) to resolve your issue.

Once connected, upload your releases following the structure outlined ahead.

File Preparation

- Each release must be uploaded individually with a corresponding folder that contains the release assets
- Each folder must be named as the release’s catalog number (no spaces allowed)
- File names for audio/art assets cannot contain spaces/special characters

Each folder must include:

- **Audio Files:** WAV, FLAC, or AIFF format
- **Release Cover:** JPG format, sized at 3000x3000 (minimum 2000x2000). RGB colorspace.
- **XML:** The file declaring the metadata of the release. They do not need to follow any particular naming conventions other than ensuring *not to use odd characters* and *no spaces*.

- Example: 2 track release structure
NPR001
 - track_1.wav
 - track_2(remix).wav
 - albumArt.jpg
 - NPR001.xml

Ensure that the names of the files in the folder match exactly with the names in the XML; otherwise the import will fail.

XML Preparation

Refer to the CSVs on the import page to get up-to-date supplemental input values like genres, contributors, partners, and territories.

Import Releases

Once you've uploaded your release folders into the FTP go to Distribute>Bulk Import (CSV) to import. Once imported you'll see your releases under Distribute>Releases.

Errors

We run multiple validations when importing your XML to make sure the structure and data is correctly formatted. You'll be alerted with an error if we detect any issues with the release.

Documentation

We support a flexible XML structure where elements and their data may or may not be required. This allows Symphonic to add new element support without requiring you to adopt new elements until you're ready.

- We denote if an element is required, optional, or deprecated in the XML to successfully import
 - **Required:** These elements must be present with data populated or the XML will error on ingestion.
 - **Optional:** These elements can be present with data if you choose.
NOTE: Some elements, while optional for XML import, will still be required to submit a release on Symphonic. This will require you to populate the data in the front-end if not provided via XML.
 - **Deprecated:** No longer supported. We do not use this data to construct releases. Over time these elements will not be accepted and if they exist the XML import will fail. Listed at the end of the sheet.

XML Elements and Details

Element Name	Details
Package Elements	

<?xml version="1.0" encoding="UTF-8"?> XML Declaration	<i>Required</i> Header to denote file type and encoding format.
Release Elements	
<release> Release	<i>Required</i> Begins the <release> block.
<action>ADD</action> Action	<i>Required</i> Action the system performs when ingesting a release. <i>Accepted Values: ADD</i>
<Catalog>NPR100</Catalog> Catalog Number	<i>Required</i> The label's unique identifier for record keeping purposes. Generally starts with an abbreviation with incrementing numeration "SYM001", "SYM002", etc. <i>Note:</i> Catalog Number needs to be unique for each release within an account. Must be an uppercase alphanumeric value.
<Name>Feeling Lucky</Name> Release Name	<i>Required</i> The name of the release.
<Version>Version X</Version> Release Version	<i>Optional</i> Mix version for non-original release versions. Don't include parenthesis. <i>EG:</i> Remastered, Live, Remixes, etc.
<UPCCode>811868342740</UPCCode> Universal Product Code	<i>Required</i> Unique identifier for the release. We accept both UPC & EAN codes in this field. UPCs: 12 digits. EAN: you one. 13 digits. <i>Note:</i> If you don't have a UPC issued for this release already, then use the value " GET " for Symphonic to provide
<Artists>PiNe,Adis</Artists> Release artists	<i>Required</i> Primary artists that appear at the release level. <i>Note:</i> Artist names must be comma separated. <i>EG:</i> artist1,artist2,artist3. If the release has various artists then enter the value " VARIOUS ".
<Label>Noiseporn Records</Label> Label Name	<i>Required</i> Name of the label the release is associated with. <i>Note:</i> The label must exist under your account in our system before uploading the release.
<MainGenre>Dance</MainGenre> Main Genre	<i>Required</i> Main music genre of the release <i>Note:</i> Use from provided genre pairs. (See Genres.csv)
<Genre>Electro House</Genre> Sub Genre	<i>Required</i> Sub music genre of the release <i>Note:</i> Use from provided genre pairs. (See Genres.csv)
<CoverFile>NPR100.jpg</CoverFile> Release Cover	<i>Required</i> Release Artwork. Must be at least 2000x2000 jpg image. We recommend naming it after the catalog. <i>EG:</i> NPR089.jpg
<CoverArtAIUse>Some</CoverArtAIUse>	<i>Optional</i>

Cover Art AI Usage	Indicate how much of the cover art was created using artificial intelligence (AI). <i>Accepted Values: "All", "Some", or "None".</i>
<CYear>2013</CYear> Copyright Year	<i>Optional</i> Copyright year of release, EG: 2013. <i>Note: Will default to current year if not included.</i>
<CLine>Noiseporn Records</CLine> Copyright Company	<i>Optional</i> Name of copyright company. <i>Note: Will default to label name if not included.</i>
<PYear>2013</PYear> Publishing Year	<i>Optional</i> Publishing year of release, EG: 2013. <i>Note: Will default to current year if not included.</i>
<PLine>Noiseporn Records</PLine> Publishing Company	<i>Optional</i> Name of copyright company. <i>Note: Will default to label name if not included.</i>
<MetadataLanguage>RU</MetadataLanguage> Metadata Language for Release	<i>Optional</i> This is the language the metadata is written in. <i>Note: See accepted list of languages included at the bottom of the document</i>
<Compilation>Yes</Compilation> Compilation	<i>Optional</i> Denotes if a release is a compilation or not. <i>Accepted Values: Yes / No</i>
<ReleaseDate>11/13/2013</ReleaseDate> Release Date	<i>Required</i> The date your release is available at selected DSPs. Must be in MM/DD/YYYY format. EG: 11/30/2013
<iTunesPreOrderDate>11/08/2013</iTunesPreOrderDate> Pre-Order Date	<i>Optional</i> The date your release is available for pre-purchase and preview on applicable DSPs (not just iTunes) before the official release date. Must be in MM/DD/YYYY format. EG: 11/11/2013
<Territories>US,GB</Territories> Territories	<i>Required</i> The territories your release will be available for. We recommend setting your territory to World Wide release for maximum coverage (denoted by " WW ") If you must declare territories individually due to legal restrictions then use comma separated ISO codes (provided in Territories.csv). The territories you list will be the only territories your release will be available for.
<Stores>ALL</Stores> Stores	<i>Required</i> The partners your release will be available on. We recommend setting your stores to all partners for maximum coverage (denoted by " ALL "). If you must declare partners individually due to legal restrictions then use comma separated partners (EG: Beatport,iTunes. Provided in Stores.csv). The partners you list will be the only partners your release will be available for.
<PriceTier>F</PriceTier> Album Price Tier	<i>Optional</i>

	<p>We accept iTunes pricing tiers (see price tier codes table below for all price codes).</p> <p>By default we chose "Front" which means that your release will be priced at the highest price or the new release price. If you'd like a medium price for your product select "Mid", and if you'd like the lowest price for your product select "Back" which will price it at the lowest price.</p>
<TrackPriceTier>F</TrackPriceTier> Track Price Tier	<p><i>Optional</i></p> <p>We accept iTunes pricing tiers.</p> <p>By default we chose "Front" which means that your track will be priced at the highest price or the new track price. If you'd like a medium price for your track select "Mid", and if you'd like the lowest price for your track select "Back".</p> <p>iTunes begins at \$1.29, then \$0.99, and lastly \$0.69.</p> <p><i>Accepted Values:</i> Put "F" for Front, "B" for Back and "M" for MID.</p>
Track Elements	
<Songs> Songs	<p><i>Required</i></p> <p>Begins the <songs> block.</p>
<Song> Song	<p><i>Required</i></p> <p>Begins the <song> block.</p>
<TrackNumber>1</TrackNumber> Track Number	<p><i>Required</i></p> <p>Track number of the song on the album.</p>
<AudioFile>NPR100_1.wav</AudioFile> Audio File	<p><i>Required</i></p> <p>Name of the audio file, EG: "track01.wav".</p>
<StereoAudioAIUse>None</StereoAudioAIUse> Stereo Audio AI Usage	<p><i>Optional</i></p> <p>Indicate how much of the stereo audio was created using artificial intelligence (AI).</p> <p><i>Accepted Values:</i> "All", "Some", or "None".</p>
<PrimaryArtists>PiNe</PrimaryArtists> Primary Artists	<p><i>Required</i></p> <p>Comma separated names of primary artists.</p> <p>EG: artist1,artist2,artist3</p>
<FeaturingArtists>Adis</FeaturingArtists> Featuring Artists	<p><i>Optional</i></p> <p>Comma separated names of featuring artists.</p> <p>EG: artist1,artist2,artist3</p>
<Remixers></Remixers> Remixers	<p><i>Optional</i></p> <p>Comma separated names of remixers.</p> <p>EG: artist1,artist2,artist3</p>
<MainGenre>Dance</MainGenre> Main Genre	<p><i>Required</i></p> <p>Main music genre of the track.</p> <p><i>Note:</i> Use from provided genre pairs. (See Genres.csv)</p>
<Genre>Electro House</Genre> Sub Genre	<p><i>Required</i></p> <p>Sub music genre of the track.</p> <p><i>Note:</i> Use from provided genre pairs. (See Genres.csv)</p>
<Name>Feel My Love</Name> Track Name	<p><i>Required</i></p> <p>Name of the track.</p>

<Version>Different Mix</Version> Track Version	<i>Optional</i> Mix version for non-original track versions. Don't include parenthesis. EG: Remastered, Live, Remixes, etc.
<ISRCCode>USLZJ1397322</ISRCCode> ISRC (International Standard Recording Code)	<i>Required</i> A unique identifier for the track level. <i>Note:</i> If you don't have an ISRC issued for this track already, then use the value " GET " for us to automatically provide you one.
<Explicit>Explicit</Explicit> Explicit Status	<i>Required</i> The explicit status of the track. <i>Accepted Values:</i> " Explicit " / " Non-Explicit " / " Clean "
<VocalLanguage>RU</VocalLanguage> Language of Vocal Content	<i>Required</i> This signifies if there are vocals on the track or if it is instrumental. <i>Accepted Values:</i> For instrumental tracks use the code " ZXX ". For any other language, use the language code provided in the Vocal Language List below.
<RecordingYear>2013</RecordingYear> Recording Year	<i>Optional</i> Year the track was recorded. <i>Note:</i> Will default to the current year if not declared.
<TrackPriceTier>F</TrackPriceTier> Track Price Tier	<i>Optional</i> We accept iTunes pricing tiers. By default we chose "Front" which means that your track will be priced at the highest price or the new track price. If you'd like a medium price for your track select "Mid", and if you'd like the lowest price for your track select "Back". iTunes begins at \$1.29, then \$0.99, and lastly \$0.69. <i>Accepted Values:</i> Put " F " for Front, " B " for Back and " M " for MID.
<Contributors> Contributors	<i>Optional (requires Contributor element)</i> Begins the <contributors> block.
<Contributor> Contributor	<i>Optional (requires Contributors element)</i> Begins the <contributor> block. A way to submit information about supporting artists and their roles on a track. <i>Note:</i> Add each Name + Role pairing per role. (If Prince is both the producer and composer on a track, list two separate contributor entries) <Contributors> <Contributor> <Name>Prince</Name> <Role>Producer</Role> </Contributor> <Contributor> <Name>Prince</Name> <Role>Composer</Role> </Contributor> </Contributors>
<Name>Name1</Name> Contributor Name	<i>Optional (requires Contributor Role element)</i> Name of the contributor.

<Role>Producer</Role> Contributor Role	<i>Optional (requires Contributor Name element)</i> Role the contributor provides on this track. <i>Accepted Values:</i> Use from provided contributor roles. (See Contributors.csv)
---	--

Deprecated XML Elements and Details

These elements do not cause an error if they exist in a XML but they will not be read or used in any way on Symphonic. Remove their inclusion in your XML as Symphonic will drop their acceptance in the future.

Element Name	Details
<AlbumOnly>No</AlbumOnly> Album Only	<i>Deprecated</i> Does not allow track purchase alone, requires full release purchase to get track. Accepted Values: “ Yes ” / “ No ”

Price Tier Codes

Price tiers with their respective code to use when formatting your XML.

Price Tier	Price Tier Code
Digital 45	D45
Mini EP	MEP
EP	EP
Mini Album Two	MA2
Mini Album One	MA1
Budget One	BT1
Budget Two	BT2
Back	B
Mid	M
Mid/Front	F
Front One	F1
Front Two	F2
Front/Plus	FP
Deluxe One	D1
Deluxe Two	D2
Deluxe Three	D3

Deluxe Four	D4
-------------	----

Vocal Language List

Languages with their respective code to use when formatting your XML.

Language	Language Code
Instrumental (has no vocal content)	zxx
Abkhazian	ab
Afar	aa
Afrikaans	af
Akan	ak
Albanian	sq
Amharic	am
Arabic	ar
Aragonese	an
Armenian	hy
Assamese	as
Avaric	av
Avestan	ae
Aymara	ay
Azerbaijani	az
Bambara	bm
Bashkir	ba
Basque	eu
Belarusian	be
Bengali	bn
Bhojpuri	bho

Bihari languages	bh
Bislama	bi
Bokmål, Norwegian; Norwegian	nb
Bosnian	bs
Breton	br
Bulgarian	bg
Burmese	my
Catalan; Valencian	ca
Central Khmer	km
Chamorro	ch
Chechen	ce
Chichewa; Chewa; Nyanja	ny
Chinese	zh
Church Slavic	cu
Chuvash	cv
Cornish	kw
Corsican	co
Cree	cr
Croatian	hr
Czech	cs
Danish	da
Divehi; Maldivian	dv
Dutch; Flemish	nl
Dzongkha	dz
English	en
Esperanto	eo
Estonian	et
Ewe	ee
Faroese	fo

Fijian	fj
Finnish	fi
French	fr
Fulah	ff
Gaelic; Scottish Gaelic	gd
Galician	gl
Ganda	lg
Georgian	ka
German	de
Greek, Modern	el
Guarani	gn
Gujarati	gu
Haitian; Haitian Creole	ht
Hausa	ha
Hebrew	he
Herero	hz
Hindi	hi
Hiri Motu	ho
Hungarian	hu
Icelandic	is
Ido	io
Igbo	ig
Indonesian	id
Interlingua	ia
Interlingue; Occidental	ie
Inuktitut	iu
Inupiaq	ik
Irish	ga
Italian	it

Japanese	ja
Javanese	jv
Kalaallisut; Greenlandic	kl
Kannada	kn
Kanuri	kr
Kashmiri	ks
Kazakh	kk
Kikuyu; Gikuyu	ki
Kinyarwanda	rw
Kirghiz; Kyrgyz	ky
Komi	kv
Kongo	kg
Korean	ko
Kuanyama; Kwanyama	kj
Kurdish	ku
Lao	lo
Latin	la
Latvian	lv
Limburgan; Limburger; Limburgish	li
Lingala	ln
Lithuanian	lt
Luba-Katanga	lu
Luxembourgish; Letzeburgesch	lb
Macedonian	mk
Magahi	mag
Maithili	mai
Malagasy	mg
Malay	ms
Malayalam	ml

Maltese	mt
Manx	gv
Maori	mi
Marathi	mr
Marshallese	mh
Mongolian	mn
Nauru	na
Navajo; Navaho	nv
Ndebele, North; North Ndebele	nd
Ndebele, South; South Ndebele	nr
Ndonga	ng
Nepali	ne
Northern Sami	se
Norwegian	no
Norwegian Nynorsk; Nynorsk, Norwegian	nn
Occitan (post 1500); Provençâl	oc
Ojibwa	oj
Oriya	or
Oromo	om
Ossetian; Ossetic	os
Pali	pi
Panjabi; Punjabi	pa
Persian	fa
Polish	pl
Portuguese	pt
Pushto; Pashto	ps
Quechua	qu
Romanian; Moldavian; Moldovan	ro
Romansh	rm

Rundi	rn
Russian	ru
Samoan	sm
Sango	sg
Sanskrit	sa
Sardinian	sc
Serbian	sr
Shona	sn
Sichuan Yi; Nuosu	ii
Sindhi	sd
Sinhala; Sinhalese	si
Slovak	sk
Slovenian	sl
Somali	so
Sotho, Southern	st
Spanish; Castilian	es
Sundanese	su
Swahili	sw
Swati	ss
Swedish	sv
Tagalog	tl
Tahitian	ty
Tajik	tg
Tamil	ta
Tatar	tt
Telugu	te
Thai	th
Tibetan	bo
Tigrinya	ti

Tonga (Tonga Islands)	to
Tsonga	ts
Tswana	tn
Turkish	tr
Turkmen	tk
Twi	tw
Uighur; Uyghur	ug
Ukrainian	uk
Urdu	ur
Uzbek	uz
Venda	ve
Vietnamese	vi
Volapük	vo
Walloon	wa
Welsh	cy
Western Frisian	fy
Wolof	wo
Xhosa	xh
Yiddish	yi
Yoruba	yo
Zhuang; Chuang	za
Zulu	zu