

XML file format for playlists sharing (includes all playlists information)

Name of element/attribute	Description	Expected data type and format	Description
DJ_PLAYLISTS			
Version	Version of the XML format for share the playlists	utf-8 string	The latest version is 1.0.0.
PRODUCT			
Name	Name of product	utf-8 string	This name will be displayed in each application software.
Version	Version of application	utf-8 string	
Company	Name of company	utf-8 string	
COLLECTION			The informations of the tracks who are not included in any playlist are unnecessary.
Entries	Number of TRACK in COLLECTION	signed 32bit integer	
TRACK			"Location" is essential for each track ;
TrackID	Identification of track	signed int	
Name	Name of track	utf-8 string	
Artist	Name of artist	utf-8 string	
Composer	Name of composer (or producer)	utf-8 string	
Album	Name of Album	utf-8 string	
Grouping	Name of groupe	utf-8 string	
Genre	Name of genre	utf-8 string	
Kind	Type of audio file	utf-8 string	
Size	Size of audio file	signed 64bit integer	Unit : Octet
TotalTime	Duration of track	64bit float value	Unit : Second (without decimal numbers)
DiscNumber	Order number of the disc of the album	signed 32bit integer	
TrackNumber	Order number of the track in the album	signed 32bit integer	
Year	Year of release	signed 32bit integer	
AverageBpm	Value of average BPM	64bit float value	Unit : Second (with decimal numbers)
DateModified	Date of last modification	utf-8 string (formatted)	Format : yyyy-mm-dd ; ex : 2010-08-21
DateAdded	Date of addition	utf-8 string	Format : yyyy-mm-dd ; ex : 2010-08-21
BitRate	Encoding bit rate	signed 32bit integer	Unit : Kbps
SampleRate	Frequency of sampling	64bit float value	Unit : Hertz
Comments	Comments	utf-8 string	
PlayCount	Play count of the track	signed 32bit integer	
LastPlayed	Date of last playing	utf-8 string (formatted)	Format : yyyy-mm-dd ; ex : 2010-08-21
Rating	Rating of the track	signed 32bit integer	0 star = "0", 1 star = "51", 2 stars = "102", 3 stars = "153", 4 stars = "204", 5 stars = "255"
Location	Location of the file	utf-8 string (URI formatted)	includes the file name
Remixer	Name of remixer	utf-8 string	
Tonality	Tonality (Kind of musical key)	utf-8 string	
Label	Name of record label	utf-8 string	
Mix	Name of mix	utf-8 string	
Colour	Colour for track grouping	utf-8 string (formatted)	RGB format (3 bytes) ; rekordbox : Rose(0xFF007F), Red(0xFF0000), Orange(0xFFA500), Lemon(0xFFFF00), Green(0x00FF00), Turquoise(0x25FDE9), Blue(0x0000FF), Violet(0x660099)
TEMPO			For BeatGrid; More than two "TEMPO" can exist for each track
Inizio	Start position of BeatGrid	64bit float value	Unit : Second (with decimal numbers)
Bpm	Value of BPM	64bit float value	Unit : Second (with decimal numbers)
Metro	Kind of musical meter	utf-8 string (formatted)	ex. 3/4, 4/4, 7/8...
Battito	Beat number in the bar	signed 32bit integer	If the value of "Metro" is 4/4, the value should be 1, 2, 3 or 4.
POSITION_MARK			More than two "POSITION MARK" can exist for each track
Name	Name of position mark	utf-8 string	
Type	Type of position mark	signed 32bit integer	Cue = "0", Fade-In = "1", Fade-Out = "2", Load = "3", Loop = "4"
Start	Start position of position mark	64bit float value	Unit : Second (with decimal numbers)
End	End position of position mark	64bit float value	Unit : Second (with decimal numbers)
Num	Number for identification of the position mark	signed 32bit integer	rekordbox : Hot Cue A, B, C : "0", "1", "2"; Memory Cue : "-1"
PLAYLISTS			
NODE			
Type	Type of NODE	signed 32bit integer	Root Folder } "0" (FOLDER) } ("ROOT") } These elements are essential for "PLAYLISTS".
Name	Name of NODE	utf-8 string	
Count	Number of NODE in the NODE	signed 32bit integer	
NODE			
Type	Type of NODE	signed 32bit integer	"0" (FOLDER) or "1" (PLAYLIST)
Name	Name of NODE	utf-8 string	
(if "Type" == "1")			
Entries	Number of TRACK in PLAYLIST	signed 32bit integer	
KeyType	Kind of identification	signed 32bit integer	"0" (Track ID) or "1"(Location)
TRACK			
Key	Identification of track	signed 32bit integer or utf-8 string	"Track ID" or "Location" in "COLLECTION"
(if "Type" == "0")			
Count		signed 32bit integer	
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NB

- all 'string' fields are encoded using UTF8 encoding, with XML entities encoded (&, <, >, ' and ")
- numeric fields are encoded using integer or floating point values, which should be 'locale' independent (no space between digits, dot or comma decimal separator for floating point (e.g. "321453.16312"))
- 'LOCATION' field is encoded as an URI; expected media to be located in 'file://localhost'