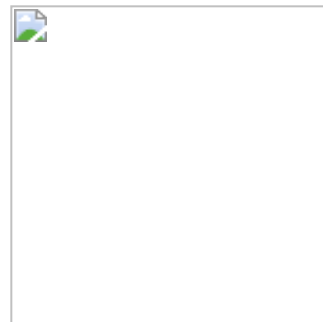




Comparison of ID3 Standards

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This document contains a side-by-side comparison over the frames used in the 3 different versions of the informal ID3v2 standard: v2.2.0, v2.3.0 and v2.4.0 and the ID3 versions 1.0 and 1.1

This document is a compilation of information which is available in the documents listed below. The original documents Copyright notices apply.

ID3 v1.0 : <http://www.id3.org/id3v1.html>

ID3 v1.1 : <http://www.egr.uri.edu/~kovacsp/mp3/ID3-Tag.html>

ID3 v2 2.0: <http://www.id3.org/id3v2-00.txt>

ID3 v2 3.0: <http://www.id3.org/id3v2.3.0.txt>

ID3 v2 4.0: <http://www.id3.org/id3v2.4.0-changes.txt>

<http://www.id3.org/id3v2.4.0-structure.txt>

<http://www.id3.org/id3v2.4.0-frames.txt>

Please refer to the original documents listed above, for any information regarding the ID3v2 standards.

References:

id3lib-3.8.0 [id3lib-3.8.0/include/id3/globals.h](http://www.id3lib.org/include/id3/globals.h)

NOTE: the symbolic names used in the leftmost column are derived from the names used in id3lib-3.8.0

The symbolic name CRYPTEDMETA is not part of id3lib-3.8.0, and LEADARTIST was shortened to ARTIST.

Topic	2.2.0	2.3.0	2.4.0
Tag Header			
Frame Header			

Text Frames			
URL Link Frames			
unsynchronisation scheme			

SYMBOL	Byte Range		Frame Name			EQ	Comments
	1.0	1.1	2.2.0	2.3.0	2.4.0		
GENREID		127					genre ID
CONTENTGROUP			TT1	TIT1	TIT1		content group description
TITLE	3..32	3..32	TT2	TIT2	TIT2		title/songname/content description
SUBTITLE			TT3	TIT3	TIT3		subtitle/description refinement
ARTIST	33..62	33..62	TP1	TPE1	TPE1		lead performer(s)/soloist(s)
BAND			TP2	TPE2	TPE2		band/orchestra/accompaniment
CONDUCTOR			TP3	TPE3	TPE3		conductor/performer refinement
MIXARTIST			TP4	TPE4	TPE4		interpreted, remixed, modified by
COMPOSER			TCM	TCOM	TCOM		composer
LYRICIST			TXT	TEXT	TEXT		lyricist/text writer
LANGUAGE			TLA	TLAN	TLAN		language(s)
CONTENTTYPE			TCO	TCON	TCON		content type
ALBUM	63..92	63..92	TAL	TALB	TALB		album/movie/show title
TRACKNUM		126	TRK	TRCK	TRCK		track number/position in set
PARTINSET			TPA	TPOS	TPOS		part of set
ISRC			TRC	TSRC	TSRC		international standard recording code
DATE			TDA	TDAT			date
YEAR	93..96	93..96	TYE	TYER			year
TIME			TIM	TIME			time

RECORDINGDATES			TRD	TRDA			recording dates
RECORDINGTIME					TDRC		recording time
ORIGYEAR			TOR	TORY			original release year
ORIGRELEASETIME					TDOR		original release time
BPM			TBP	TBPM	TBPM		beats per minute
MEDIATYPE			TMT	TMED	TMED		media type
FILETYPE			TFT	TFLT	TFLT		file type
COPYRIGHT			TCR	TCOP	TCOP		copyright message
PUBLISHER			TPB	TPUB	TPUB		publisher
ENCODEDBY			TEN	TENC	TENC		encoded by
ENCODERSETTINGS			TSS	TSSE	TSSE		software/hardware + settings for encoding
SONGLEN			TLE	TLEN	TLEN		length (ms)
SIZE			TSI	TSIZ			size (bytes)
PLAYLISTDELAY			TDY	TDLY	TDLY		playlist delay
INITIALKEY			TKE	TKEY	TKEY		initial key
ORIGALBUM			TOT	TOAL	TOAL		original album/movie/show title
ORIGFILENAME			TOF	TOFN	TOFN		original filename
ORIGARTIST			TOA	TOPE	TOPE		original artist(s)/performer(s)
ORIGLYRICIST			TOL	TOLY	TOLY		original lyricist(s)/text writer(s)
FILEOWNER				TOWN	TOWN		file owner/licensee
NETRADIOSTATION				TRSN	TRSN		internet radio station name
NETRADIOOWNER				TRSO	TRSO		internet radio station owner
SETSUBTITLE					TSST		set subtitle
MOOD					TMOO		mood
PRODUCEDNOTICE					TPRO		produced notice
ENCODINGTIME					TDEN		encoding time
RELEASETIME					TDRL		release time
TAGGINGTIME					TDTG		tagging time
ALBUMSORTORDER					TSOA		album sort order
PERFORMERSORTORDER					TSOP		performer sort order
TITLESORTORDER					TSOT		title sort order
USERTEXT			TXX	TXXX	TXXX		user defined text information frame
WWWAUDIOFILE			WAF	WOAF	WOAF		official audio file webpage

WWWARTIST			WAR	WOAR	WOAR		official artist/performer webpage
WWWAUDIOSOURCE			WAS	WOAS	WOAS		official audion source webpage
WWWCOMMERCIALINFO			WCM	WCOM	WCOM		commercial information
WWWCOPYRIGHT			WCP	WCOP	WCOP		copyright/legal information
WWWPUBLISHER			WPB	WPUB	WPUB		publishers official webpage
WWWRADIOPAGE				WORS	WORS		official internet radio station homepage
WWWPAYMENT				WPAY	WPAY		payment
WWWUSER			WXX	WXXX	WXXX		user defined URL link frame
INVOLVEDPEOPLE			IPL	IPLS			involved people list
MUSICIANCREDITLIST					TMCL		musician credits list
INVOLVEDPEOPLE2					TIPL		involved people list
UNSYNCEDLYRICS			ULT	USLT	USLT		unsynchronised lyrics/text transcription
COMMENT	97..126	97..124	COM	COMM	COMM		comments
TERMSOFUSE				USER	USER		terms of use
UNIQUEFILEID			UFI	UFID	UFID		unique file identifier
CDID			MCI	MCDI	MCDI		music CD identifier
EVENTTIMING			ETC	ETCO	ETCO		event timing codes
MPEGLOOKUP			MLL	MLLT	MLLT		MPEG location lookup table
SYNCEDTEMPO			STC	SYTC	SYTC		synchronised tempo codes
SYNCEDLYRICS			SLT	SYLT	SYLT		synchronised lyrics/text
VOLUMEADJ			RVA	RVAD			relative volume adjustment
VOLUMEADJ2					RVA2		relative volume adjustment (2)
EQUALIZATION			EQU	EQUA			equalization
EQUALIZATION2					EQU2		equalization (2)
REVERB			REV	RVRB	RVRB		reverb
PICTURE			PIC	APIC	APIC		attached picture
GENERALOBJECT			GEO	GEOB	GEOB		general encapsulated object
PLAYCOUNTER			CNT	PCNT	PCNT		play counter
POPULARIMETER			POP	POPM	POPM		popularimeter
BUFFERSIZE			BUF	RBUF	RBUF		recommended buffer size
CRYPTEDMETA			CRM				encrypted meta frame
AUDIOCRYPTO			CRA	AENC	AENC		audio encryption

LINKEDINFO			LNK	LINK	LINK		linked information
POSITIONSYNC				POSS	POSS		position synchronisation frame
COMMERCIAL				COMR	COMR		commercial frame
CRYPTOREG				ENCR	ENCR		encryption method registration
GROUPOINGREG				GRID	GRID		group identification registration
PRIVATE				PRIV	PRIV		private frame
OWNERSHIP				OWNE	OWNE		ownership frame
SIGNATURE					SIGN		signature frame
SEEKFRAME					SEEK		seek frame
AUDIOSEEKPOINT					ASPI		audio seek point index