

iXML Metadata Implementation

VENDOR MODEL	LIQUBE AUDIO Resonic Pro (Audio Asset Manager)	DATE VERSION iXML VERSION	April 18, 2021 0.9.4 1.52 + 2.10 , UTF-8, read-only so far
-----------------	---	---------------------------------	---

<u>IXML MASTER TAG</u>	<u>IXML SUB TAGS / VALUES</u>	<u>WRITTEN READ</u>		<u>REMARKS</u>
<IXML_VERSION>		X	✓	with verification
<PROJECT> <SCENE> <TAPE> <TAKE>		X X X X	✓ ✓ ✓ ✓	meta panel, column meta panel, column meta panel, column meta panel, column
<TAKE_TYPE>	<i>DEFAULT, NO_GOOD, FALSE_START, WILD_TRACK, PICKUP, REHEARSAL, ANNOUNCEMENT, SOUND_GUIDE[, CIRCLED]</i>	X	✓	meta panel, column, ixml 2.0
<NO_GOOD> <FALSE_START> <WILD_TRACK> <CIRCLED>		X X X X	✓ ✓ ✓ ✓	meta panel, ixml 1.x meta panel, ixml 1.x meta panel, ixml 1.x meta panel
<FILE_UID>		X	✓	meta panel
<UBITS>		X	✓	meta panel
<NOTE>		X	✓	as "comment"
<SYNC_POINT_LIST> <SYNC_POINT> <SYNC_POINT> <SYNC_POINT> <SYNC_POINT> <SYNC_POINT> <SYNC_POINT> <SYNC_POINT>	<SYNC_POINT_TYPE> <SYNC_POINT_FUNCTION> <SYNC_POINT_COMMENT> <SYNC_POINT_LOW> <SYNC_POINT_HIGH> <SYNC_POINT_EVENT_DURATION>	X X X X X X X	X X X X X X X	
<SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED> <SPEED>	<NOTE> <MASTER_SPEED> <CURRENT_SPEED> <TIMECODE_RATE> <TIMECODE_FLAG> <FILE_SAMPLE_RATE> <AUDIO_BIT_DEPTH> <DIGITIZER_SAMPLE_RATE> <TIMESTAMP_SAMPLES_SINCE_MIDNIGHT_HI> <TIMESTAMP_SAMPLES_SINCE_MIDNIGHT_LO> <TIMESTAMP_SAMPLE_RATE>	X X X X X X X X X X X X X	✓ X ✓ X X X X X X X X X X	meta panel, column meta panel, column redundant, ignored redundant, ignored
<LOUDNESS> <LOUDNESS> <LOUDNESS> <LOUDNESS> <LOUDNESS>	<LOUDNESS_VALUE> <LOUDNESS_RANGE> <MAX_TRUE_PEAK_LEVEL> <MAX_MOMENTARY_LOUDNESS> <MAX_SHORT_TERM_LOUDNESS>	X X X X X	✓ ✓ ✓ ✓ ✓	native ixml meta panel, with verification meta panel, with verification meta panel, with verification meta panel, with verification
<HISTORY> <HISTORY> <HISTORY> <HISTORY>	<ORIGINAL_FILENAME> <PARENT_FILENAME> <PARENT_UID> <CURRENT_FILENAME>	X X X X	✓ ✓ ✓ X	meta panel non-standard, redundant, ignored
<FILE_SET> <FILE_SET> <FILE_SET> <FILE_SET> <FILE_SET>	<TOTAL_FILES> <FAMILY_UID> <FAMILY_NAME> <FILE_SET_INDEX>	X X X X	✓ ✓ ✓ X	meta panel
<TRACK_LIST> <TRACK_LIST> <TRACK> <TRACK> <TRACK> <TRACK> <TRACK>	<TRACK_COUNT> <CHANNEL_INDEX> <INTERLEAVE_INDEX> <NAME> <FUNCTION>	X X X X X X	✓ ✓ ✓ ✓ ✓ ✓	meta panel, channel switcher fully interpreted
<PRE_RECORD_SAMPLECOUNT>		X	X	ignored

<u>IXML MASTER TAG</u>	<u>IXML SUB TAGS / VALUES</u>	<u>WRITTEN READ</u>		<u>REMARKS</u>	
<BEXT>	<BEXT>	<BWF_DESCRIPTION>	X	✓	backwards compatibility
	<BEXT>	<BWF_ORIGINATOR>	X	✓	meta panel, column, as "description"
	<BEXT>	<BWF_ORIGINATOR_REFERENCE>	X	✓	meta panel, column
	<BEXT>	<BWF_ORIGINATION_DATE>	X	✓	meta panel, column
	<BEXT>	<BWF_ORIGINATION_TIME>	X	✓	with verification
	<BEXT>	<BWF_ORIGINATION_TIME>	X	✓	with verification
	<BEXT>	<BWF_TIME_REFERENCE_LOW>	X	✓	meta panel
	<BEXT>	<BWF_TIME_REFERENCE_HIGH>	X	✓	meta panel
	<BEXT>	<BWF_VERSION>	X	✓	with verification
	<BEXT>	<BWF_UMID>	X	✓	meta panel
	<BEXT>	<BWF_RESERVED>	X	X	
	<BEXT>	<BWF_CODING_HISTORY>	X	✓	meta panel
	<BEXT>	<BWF_LOUDNESS_VALUE>	X	✓	meta panel, with verification
	<BEXT>	<BWF_LOUDNESS_RANGE>	X	✓	meta panel, with verification
	<BEXT>	<BWF_MAX_TRUE_PEAK_LEVEL>	X	✓	meta panel, with verification
	<BEXT>	<BWF_MAX_MOMENTARY_LOUDNESS>	X	✓	meta panel, with verification
<BEXT>	<BWF_MAX_SHORT_TERM_LOUDNESS>	X	✓	meta panel, with verification	

<USER>	<USER>	[AFSI recommended fields]	X	✓	meta panel, as-is
			X	X	ixml 2.0

<LOCATION>	<LOCATION>	<LOCATION_NAME>	X	✓	meta panel
	<LOCATION>	<LOCATION_GPS>	X	X	
	<LOCATION>	<LOCATION_ALTITUDE>	X	X	
	<LOCATION>	<LOCATION_TYPE>	X	✓	meta panel, ixml 2.0
			INT, EXT		
	<LOCATION>	<LOCATION_TIME>	SUNRISE, MORNING, MIDDAY, DAY, AFTERNOON, EVENING, SUNSET, NIGHT	X	✓

<u>IXML VENDOR TAG</u>	<u>SUB TAGS / VALUES</u>	<u>WRITTEN READ</u>		<u>REMARKS</u>	
<STEINBERG>	<STEINBERG>	[approx. 40 types of metadata]	X	✓	
			X	✓	covered up to mediabay 10.x

NOTES:
Implementation covers a large portion of both iXML v1.x and v2.x
Implementation improvements and refinements are ongoing in new versions.

✓ = YES
X = NO