IT IS IMPOSSIBLE TO GET CLIPPING CHECKBOXES FROM TAG INFORMATION ALONE!!!!!

Need to add a button for Read clipping which goes folder by folder and gets max samples using mp3gain,

**frmMain.frm LINE 1600 shows MP3GAIN command line argument doing song by song**

TYPICAL OUTPUT

Recommended "Track" dB change: 6.325000

Recommended "Track" mp3 gain change: 4

Max PCM sample at current gain: 13763.149824

Max mp3 global gain field: 174

Min mp3 global gain field: 125

Recommended "Album" dB change: 0.005000

Recommended "Album" mp3 gain change: 0

Max Album PCM sample at current gain: 34742.009856

Max Album mp3 global gain field: 183

Min Album mp3 global gain field: 122

/o adds tabs delimited output with header on line 1

File MP3 gain dB gain Max Amplitude Max global\_gain Min global\_gain Album gain Album dB gain Album Max Amplitude Album Max global\_gain Album Min global\_gain

W:\Soulseek Downloads\complete\\_\_FLAC - Copy\SNATCHER (Sega CD) (2017) (FLAC)\\_\_11 - Konami Kukeiha Club - Bio Hazard.mp3 3 4.035000 15303.114752 180 125 0 0.005000 34742.009856 183 122

Call .\mp3gain /s c “album folder\\*.\*” to get

Max PCM sample at current gain

And

Max Album PCM sample at current gain

**FROM Mp3Info.cls LINE 173 shows calculating MaxGain Value**

MaxGain = 4 \* LOG(2, 32767 / max sample) 🡨 this is probably more complicated, lots of magic numbers in the source code

Max Gain (can be negative) < suggest gain then clipping at album or track depending on type of gain

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Clipping is correct

Track clipping is correct

Album clipping is not. Has to do with converting a number back to data counts and comparing to actual 2^16-1