







musical content	example	compare image	compare text	structure	convert to above	convert to below
Digital audio (MP3, Wav)	MMMMMMM	level 1: primitive features	speech	none	-	hard
Time- stamped events (MIDI)		level 2: objects	text	little	easy	fairly harc (OK job)
Music notation (Finale, Sibelius, MusicXML)	193 Validino S Validino S Validino S Validino S Validino S Validino S Validino S	level 2: compound objects	text + markup	much	easy (OK job)	-



















## Critique of (naïve) Music Information Retrieval

- It is assumed that music is information,
- that users search that information and
- that they are bad at expressing their information needs.
- This does not take perceptual and cognitive aspects of music into account and
- ignores other user needs (experience, emotion, context),
- which may require novel forms of interaction and

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integration of MIR techniques in more general applications.























## Conclusion: can humans benefit from music IR?

- sure, but only if they are music professionals
- for other humans it's better to drop the I-word
- concentrate on needs that better correspond to the experience of music
- interaction part underdeveloped
- put music (I)R under the hood

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