

Describing Music Resources

Filename-based descriptive information:

Etree:

- Standard for live-concert-recording collecting community
- Early SHN format: no meta tags

gd83-10-31.horvath-sennheiser.ladner.19894.sbeok.d1t01.shn

- Relies on text files with richer information
- FLAC format introduced: embeddable meta tags

Source: <http://wiki.etree.org/index.php?page=NamingStandards>

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ID3v1 (1996)

- First attempt to embed meta tags into MP3s
- Initial version fraught with limitations:
 - Only 9 fields to describe a song file (later 12)
 - Max 30 characters for artists, albums, songs
 - No disc number

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ID3v2 (1998)

- Enhanced standard created by group of professionals
- Objective: universal applicability
- Example tags introduced:
 - Rating (1-5 stars)
 - Images: cover, concert photo, "a bright colored fish"
 - Beats per minute, copyright info
- Used in MP3s, AIFF, Apple M4A

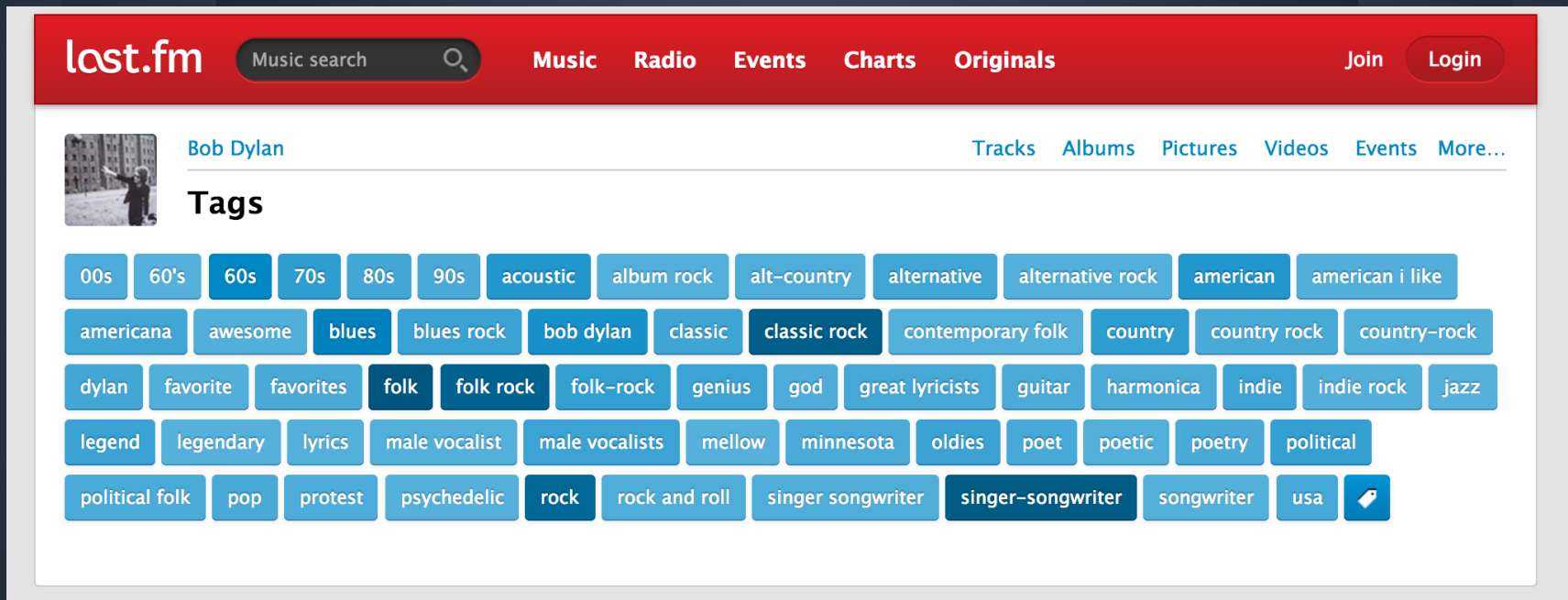
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Next generation: Creative, rich descriptions of music

- AllMusic - Mood - "Romantic", "Bittersweet", "Druggy"
- Beatport - BPM tagged in each song
- Pandora - staff-generated descriptors (Music Genome)
- Last.FM - crowd-sourced descriptors (tag soup?)
- What.CD - community-driven association engine, web of similar artists
- Beats Music - highly curated and human-centered (to be retrieved with "The Sentence")
 - "I'm ____ & feel like ____ with ____ at ____."

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Last.FM tags for Bob Dylan




The screenshot shows the Last.fm website interface. At the top is a red navigation bar with the Last.fm logo, a search bar, and links for Music, Radio, Events, Charts, and Originals. On the right side of the bar are links for Join and Login. Below the navigation bar is the profile header for Bob Dylan, including a small profile picture, the name "Bob Dylan", and links for Tracks, Albums, Pictures, Videos, Events, and More... The main content area is titled "Tags" and displays a grid of 48 blue tags. The tags are arranged in five rows: Row 1: 00s, 60's, 60s, 70s, 80s, 90s, acoustic, album rock, alt-country, alternative, alternative rock, american, american i like; Row 2: americana, awesome, blues, blues rock, bob dylan, classic, classic rock, contemporary folk, country, country rock, country-rock; Row 3: dylan, favorite, favorites, folk, folk rock, folk-rock, genius, god, great lyricists, guitar, harmonica, indie, indie rock, jazz; Row 4: legend, legendary, lyrics, male vocalist, male vocalists, mellow, minnesota, oldies, poet, poetic, poetry, political; Row 5: political folk, pop, protest, psychedelic, rock, rock and roll, singer songwriter, singer-songwriter, songwriter, usa, and a pencil icon.

last.fm Music search Music Radio Events Charts Originals Join Login

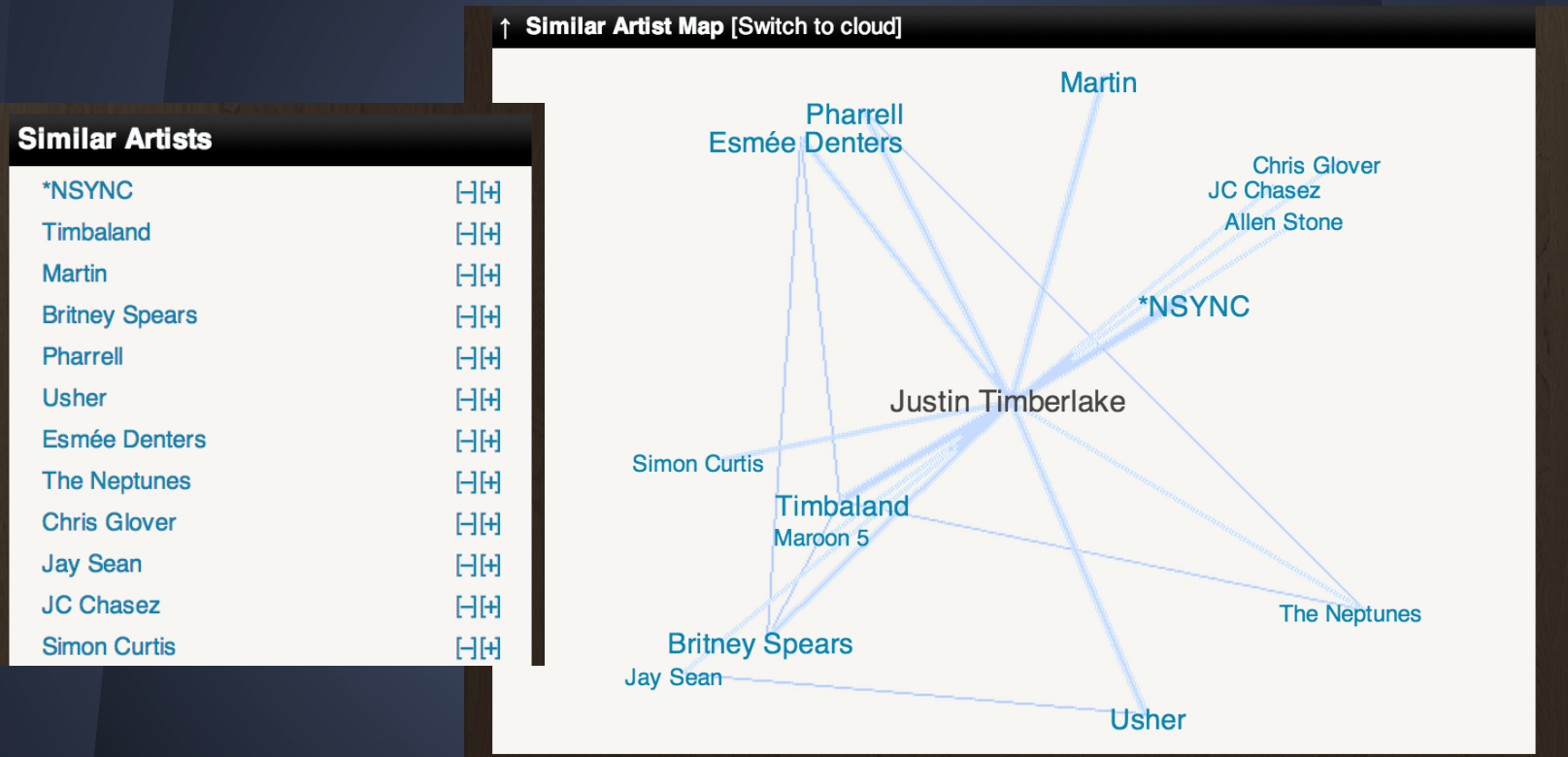
Bob Dylan Tracks Albums Pictures Videos Events More...

Tags

00s 60's 60s 70s 80s 90s acoustic album rock alt-country alternative alternative rock american american i like americana awesome blues blues rock bob dylan classic classic rock contemporary folk country country rock country-rock dylan favorite favorites folk folk rock folk-rock genius god great lyricists guitar harmonica indie indie rock jazz legend legendary lyrics male vocalist male vocalists mellow minnesota oldies poet poetic poetry political political folk pop protest psychedelic rock rock and roll singer songwriter singer-songwriter songwriter usa 

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What.CD Similar Artist Map



Describing Music Resources

Content-based description - audio fingerprints

- Shazam, Soundhound

