C SCAIC MASIC ANACISIANAING

n Whitman ounder & CTO, The Echo



wnitman.

It's easy to stay updated on an
 @bwhitman.

ng follow bwhitman to 40404 in the United States

Codes for other countries

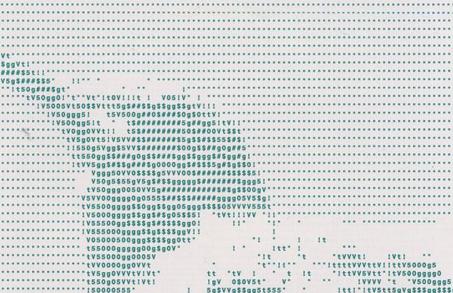
Name Brian Whitman

Location Cambridge MA, USA

Web http://notes.vari...

Bio teach computers to
listen to music. co-founder
of the prime area.









STEREOLAB, SQUAREPUSHER, PLAID, CYLOB, FOUR TET, ROTH

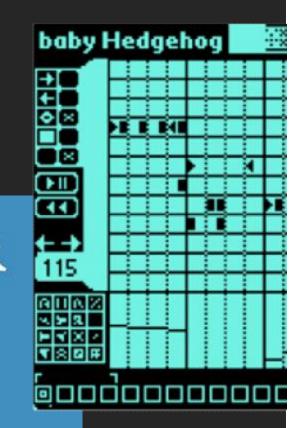


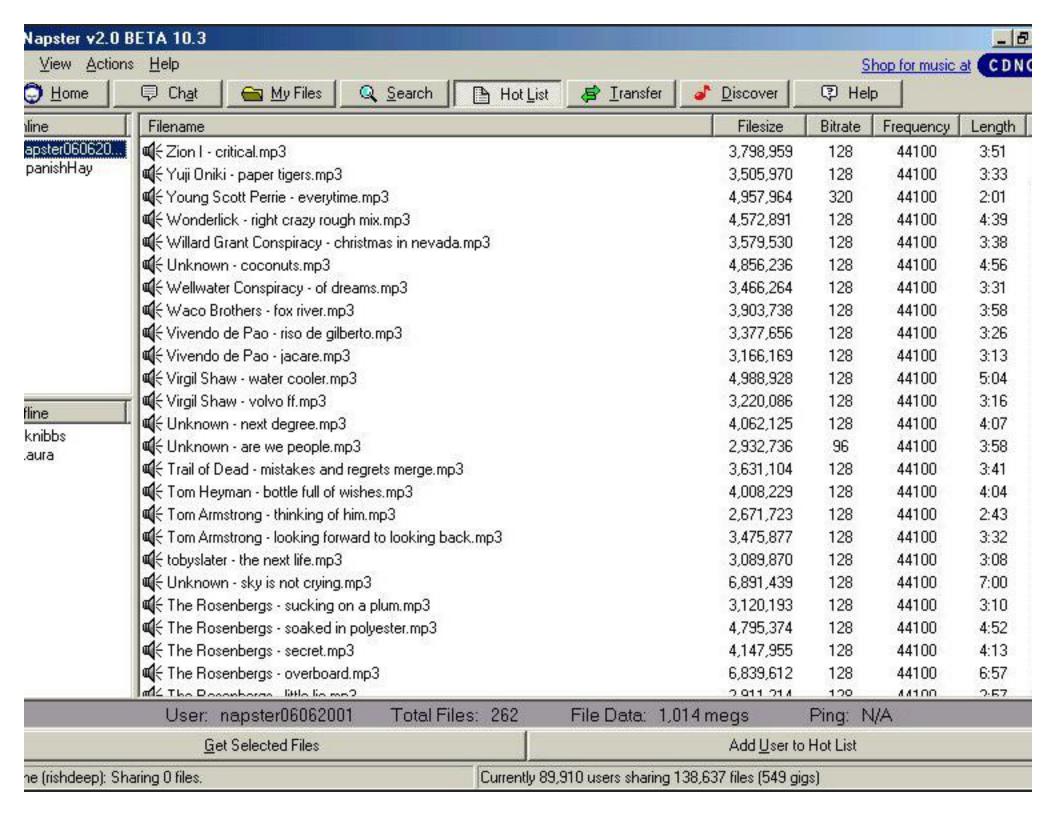
BLITTER

THESENTS.

THE AUTOMATON AND CHEF RUIZ







dashboard |

Artist or Track

Search Blogs

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Or try searching Black Diamond Heavies next »

After searching for Sugarplastic another user searched for black diamond heavies, want to try it?

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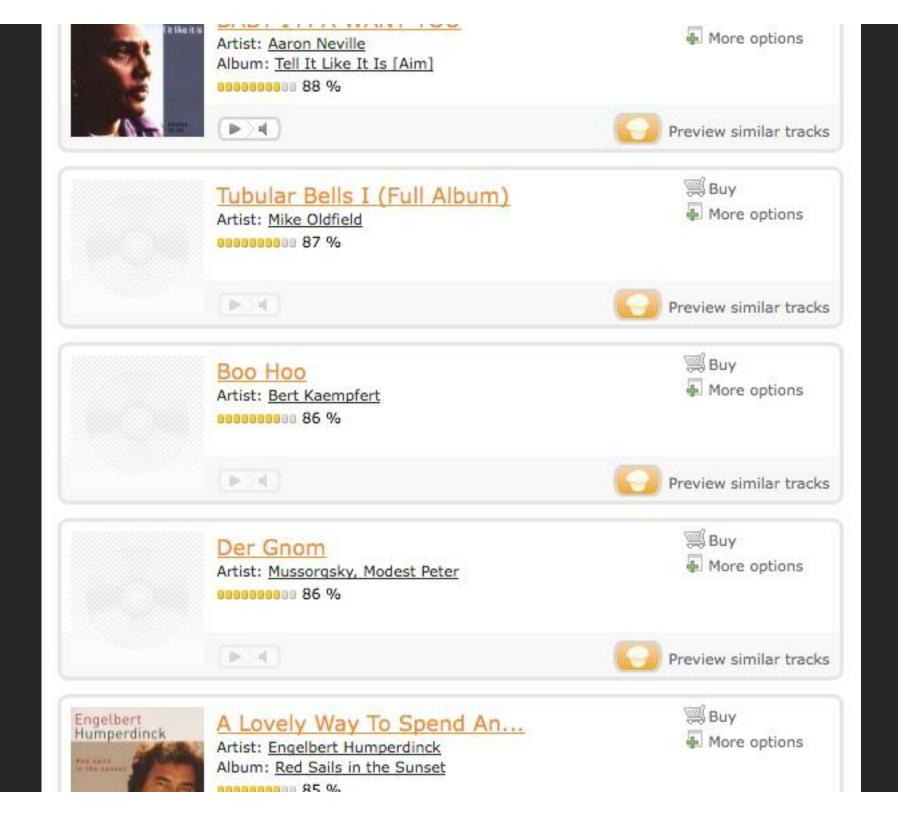


Psychic Stunts - Something to Tell My K... Discovered by ClassyLassy and commented 3 times download save similar share

1065



comments	watch video	hearted by	share this	similar
	listeners who	o enjoyed this	song also liked	
The End	d by Laura Jans	sen .		1.000
Ask Me	A Question by	minipop		0.833
Nattöpp	et by Detektivb	yrån		0.802
Harold T	Γ. Wilkins by Fa	anfarlo		0.796
The Times by Verbal and The Kickdrums				0.794
O Your Surrender by Temple Scene				0.756
Mome Sweet Home by Detektivbyrån				0.653
Dansbanan by Detektivbyrån				0.653
Lyckans	Undulat by De	etektivbyrån		0.653
• E18 by	Detektivbyrån			0.653
Neonlan Neonlan	d by Detektivb	yrån		0.653
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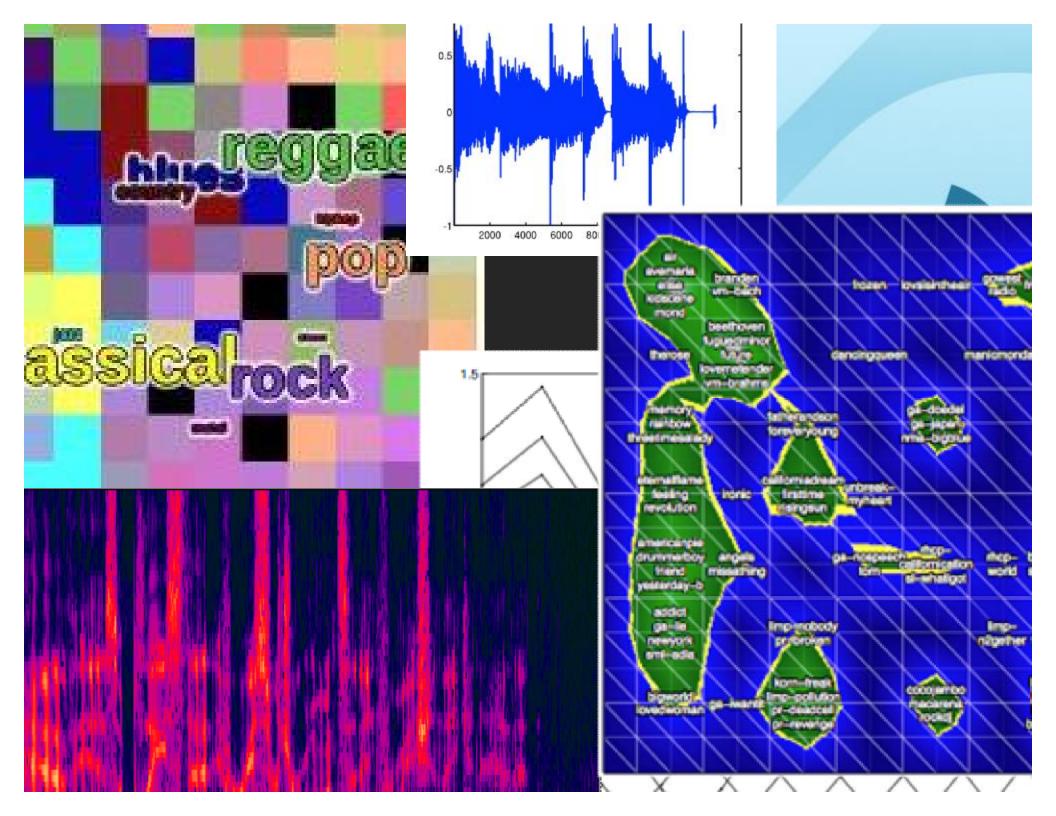


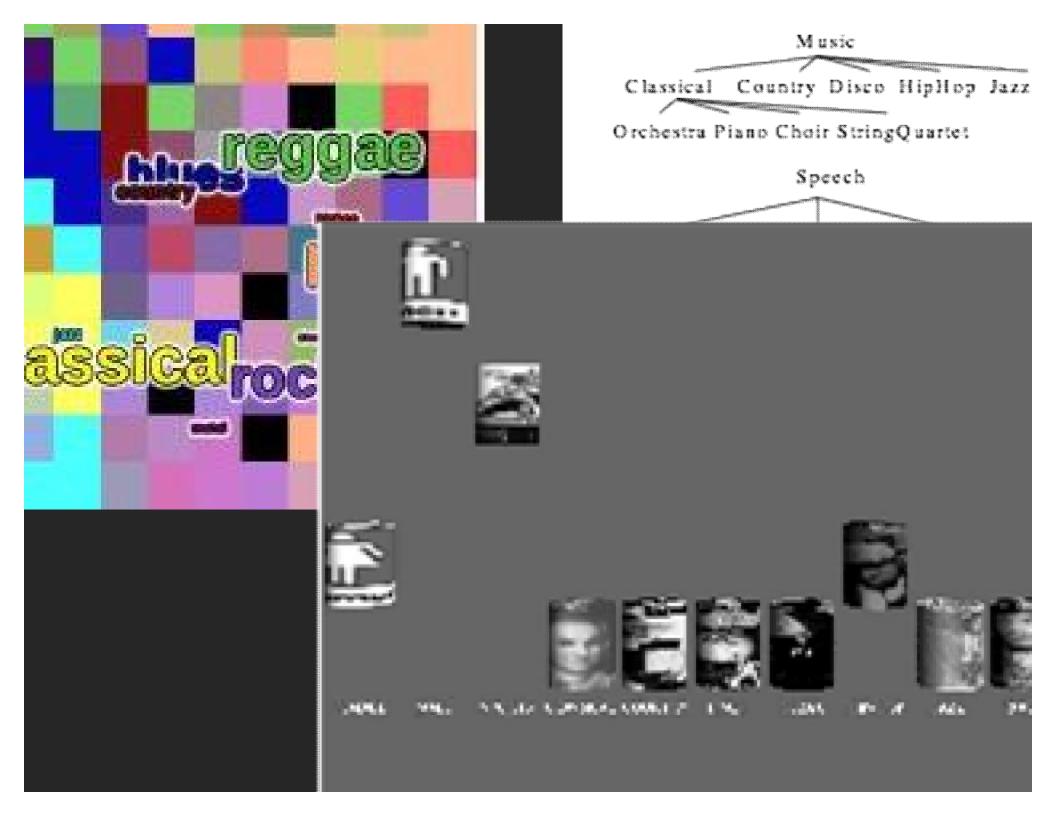
MIT Media Lab



finishing my diss







Hit prediction

Taste / recommendation

Automated composition

Classification, tagging

Feature extraction (key, tempo)

Search & retrieval



THER TE RIM INSOUND

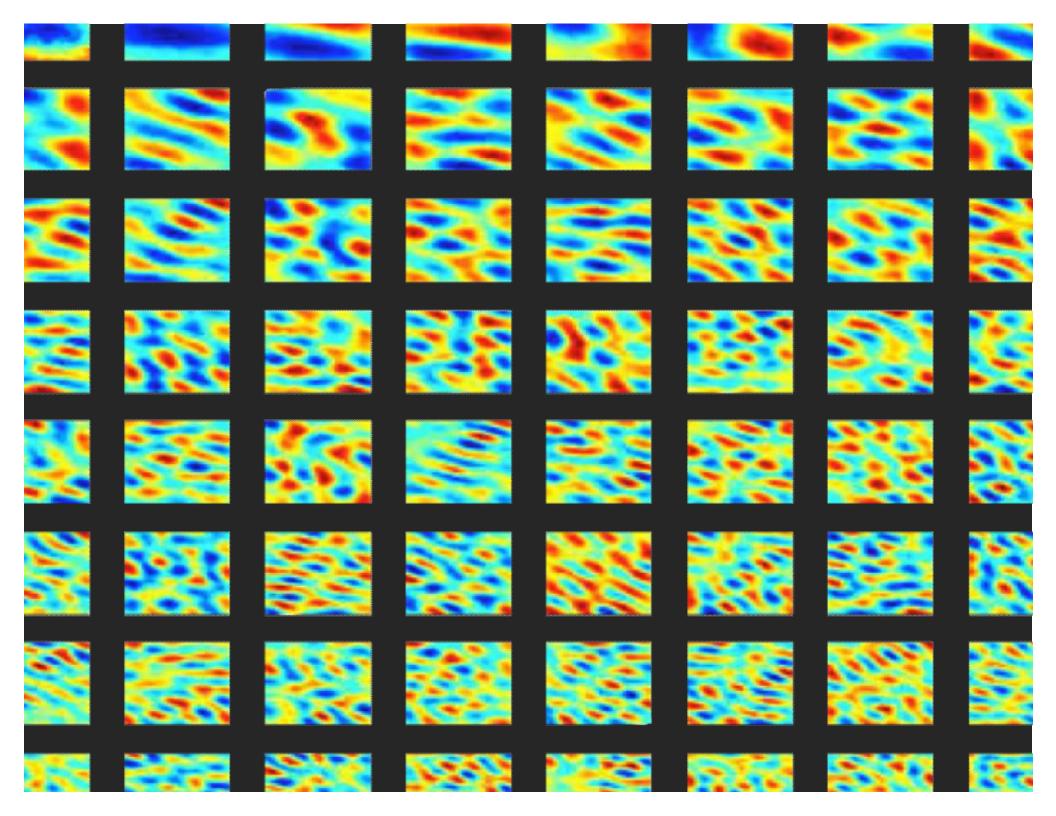
Playthroughs [Kranky; 2002] Rating: 9.7

You probably know Keith Fullerton Whitman as breakcore maven Hrvatski, a man who played in a few bands before developing an obsession with Squarepusher and deciding to probe the most hectic beats possible on labels such as Planet µ and his own Reckankreuzung, as well as falling into the Tigerbeat6 orbit. You also may know Hrvatski by his pithy electronic music write-ups for the Forced Exposure website, penned while he worked in sales for

the revered distributor. But the Keith Fullerton Whitman of Playthroughs has kept a lower profile. Starting last year with the 21:30 for Acoustic Guitar EP, Whitman began experimenting with subtle music based on laptop-processed guitar tones. While he's tinkered with this approach here and there, Playthroughs is his first sustained exploration of guiet sound.

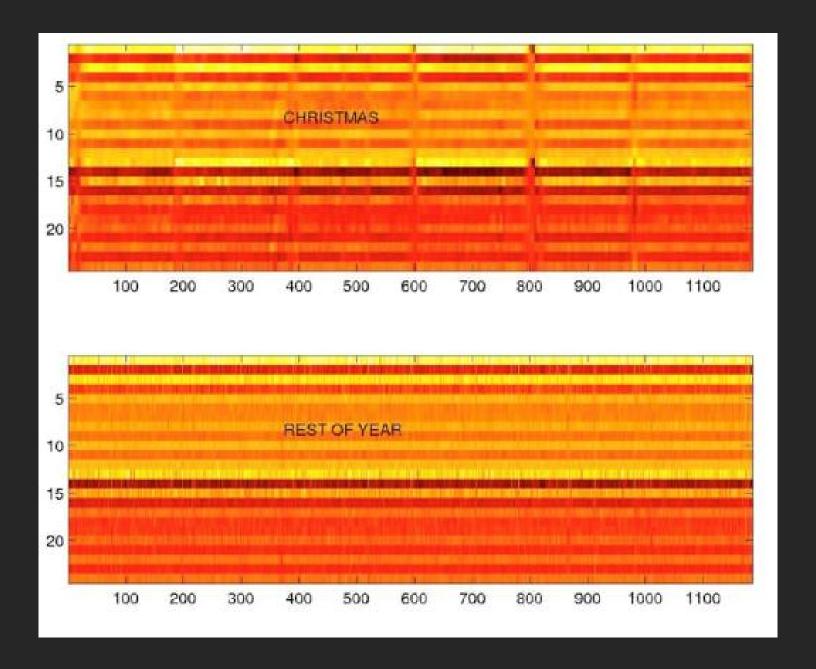
If you've listened to the more drone-focused side of electronic music in the last few years, you've definitely heard the core elements that make up *Playthroughs*. There is no radical breakthrough in texture here, nothing to make you turn your head and say, "What the hell was that?" *Playthroughs* consists entirely of processed guitar, but the tones are light on harmonics, with many possessing an almost sine wave-level of clarity. As the thin drones hang in the air and shift this way and that, they harmonize with other drones and find themselves poked with fuzzy implements of static. Nothing terribly earth-shattering about this composition method.

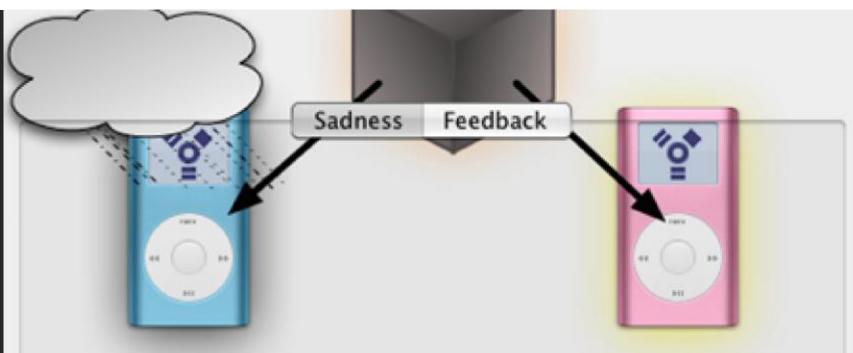
It's true that much of *Playthroughs* seems familiar on the surface, but I don't think it an exaggeration to say that this record essentially perfects this particular style of music. It's an album of meticulous balance, Zen focus, and tiny gestures that carry great force, where each individual piece of sound is carefully placed to maximize impact. The first 3½ minutes of "feedback zwei", for example, consists of overlapping blankets of clean, piercing electronic feedback that remain in constant motion, creating new harmonic patterns with each passing second. And an unexpected cloud of pink noise slowly envelops the sound field, bathing the





Set A Set B Set C ritney Spears Alice in Chains Chris Isaak ackstreet Boys Korn Bob Dylan Crowded Hou istina Aguilera Faith no More





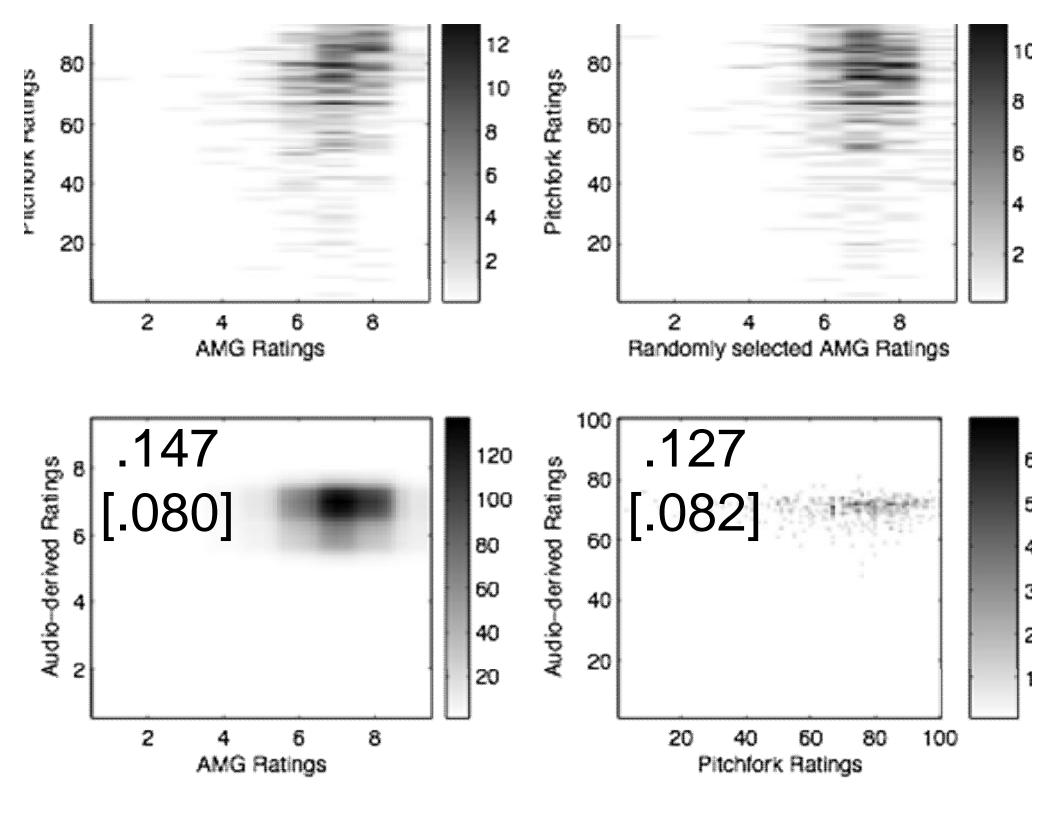
Open iTunes and select the songs whose sadness you wish to catalog. They can be on an iPod or in your library. When you have selected your target songs, come back to this dialog and click the "Detect Sadness" button below.

Add detected songs to their respective sad / not sad playlists

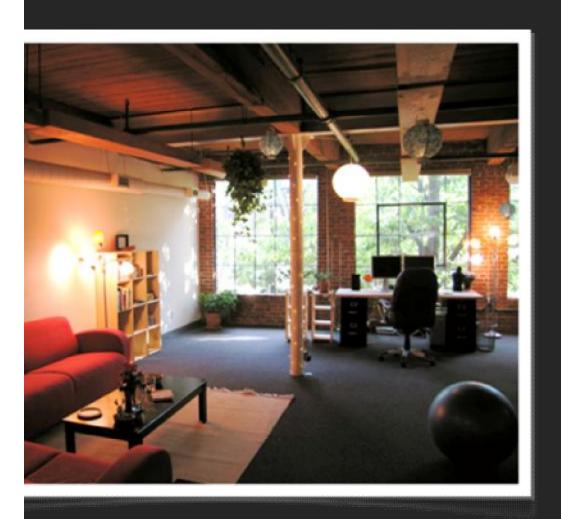
You can also create Smart Playlists involving sadness by selecting Grouping fields containing SDx (for sad songs) and SDy (for not sad songs.) See the documentation for more information.

Detect Sadness

Please note: I may append to some of the grouping tags on your music. This is normally not a problem, but if you are worried please run sadness detection on a few songs to see what happens.

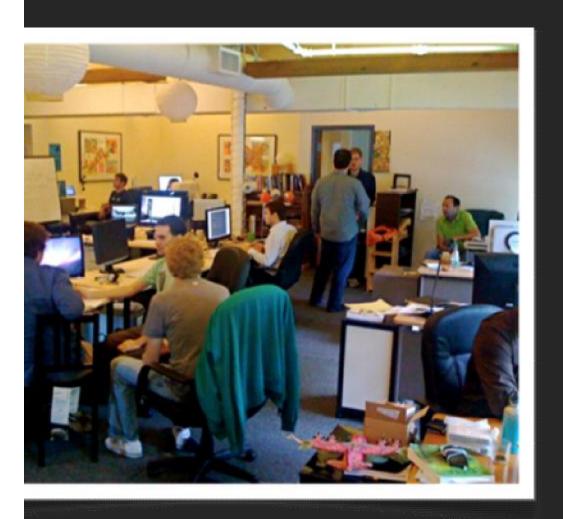






The Echo Nest 2

Somerville, MA L 2 people 2 computers Lots of ideas 1,000,000 docum 10,000 artists 100,000 songs 0 public facing si

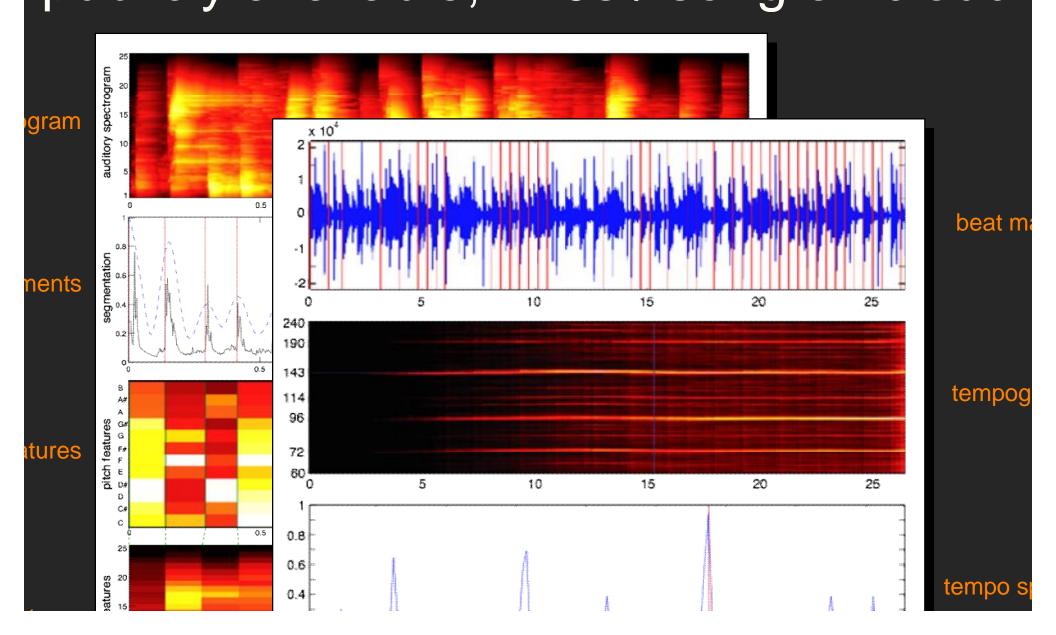


The Echo Nest 2

Somerville, MA L 30 people 200 computers Lots of products 5,000,000,000 dd 1,200,000 artists 20,000,000 song 0 public facing sit

now everything about music and listeners "Give (and sell) great data to everyone." it automatically with no bias, on everything

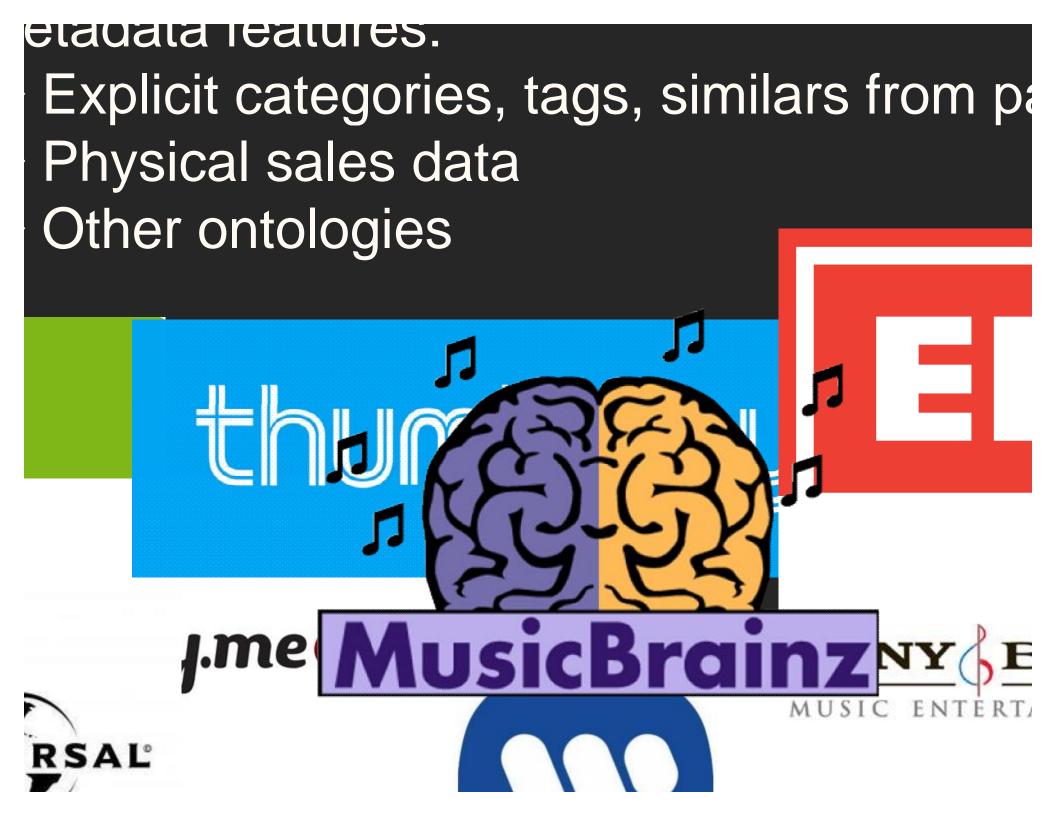
musical features, Jehan '05++
publicly available, ~10s / song on cloud



ext reatures.

"community metadata" Whitman '02++ web crawls, blogs, reviews, news: "top to

n2 Term	Score	np Term	Score	adj Term	Score
dancing queen	0.0707	dancing queen	0.0875	perky	0.8157
mamma mia	0.0822	mamera esta	0.0555	ponvioless	0.7178
disco era	0.0346	b: reny	0.0399	swedish	0.233
winner takes	0.0307	chess	0.0390	international	0.2010
chance on	0.0297	its choras	0.0389	muc	0.1776
swedsh pop	0.0296	www	0.0382	consistent	0.1508
my my	0.0290	the invitations	0.0327	Later	0.0871
s enduring	0.0287	vou ez	0.0377	cossified	0.0735
and gimene	0.0280	somethings	0.0374	junier	0.0554
enduring appeal	0.0280	priscilla	0.0369	produced	0.0516



ser realures.

Activity streams Listener data

	likes "The Beatles"	smokes	gender	average song tempo	in friend cluster 393	written about "The Road"
9	0.8	Ν	M	139.4		
3					1.0	0.5
Ε	0.4	Y	F			

	All Music Guide	Pandora	The Echo Nes
known artists	280,000	80,000	1,200,000
ears to get there	18	8	2
me to understand one album		1 day	<1 minute
ost to understand one album	\$400	\$40	\$0.001













TOWER RECORDS

























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Playlist API Methods

Api calls for generating playlists

static

Returns a static playlist. A static playlist is generated once from an initial set of parameters, and r as an ordered list of songs.

Some properties of a static playlist:

- Songs are never repeated
- Artists may be repeated

A number of different algorithms can be used to select songs for the playlist. These are specified type parameter.

Parameter	Required?	Multiple?	Values	Descriptio
api_key	yes	no	N6E4NIOVYMTHNDM8J	your API ke
format	no	no	json, xml, xspf	the format of the returne playlist
type	no	no	artist, artist-radio, artist- description	the type of the playlist be generat See below

ine Swine inine

"Don't mean a thing if it ain't got that swing"

Uses time-scaling techniques to add a swing beat to your songs!



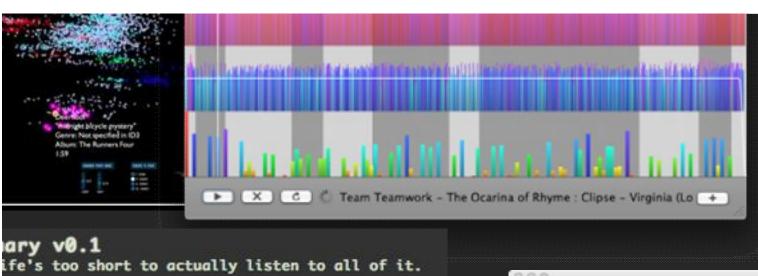
Search

Choose File No file chosen

Swing!

Top Voted

Aha - Take On Me	96 votes
The Blipp-Bloppers - Unloved.mp3	86 votes
MC Hammer - U Can't Touch This	52 votes
Rick Astley - Never Gonna Give You Up	46 votes
Green Day - American Idiot	45 votes



limpster BMA Nominee Chart

ublished: 2010-05-10

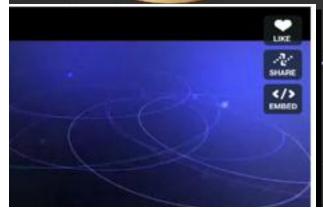
jenres: Deep House, House, Tech House

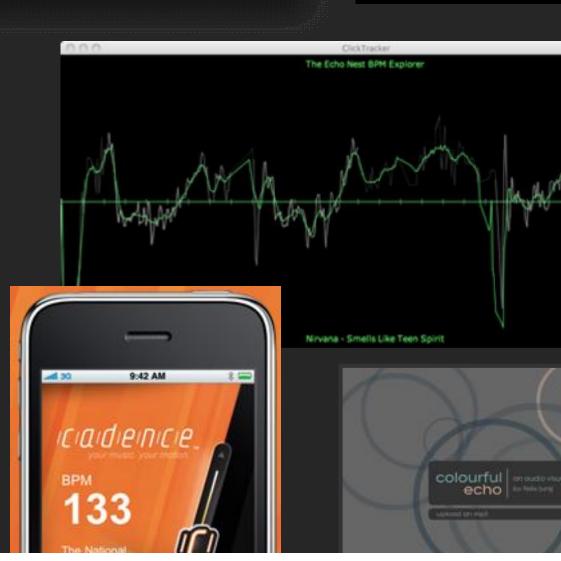
rice: \$21.40

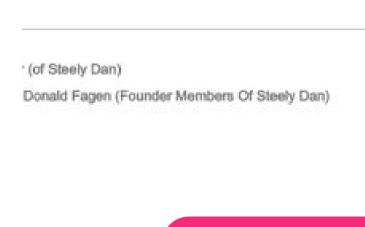
Play Summary

ienres









Acoustic

analysis







2 things to remember:

2 things to remember:

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2 things to remember:

e cautious what you believe a computer of

(2) but data is one future of music

