

Music Research at Google

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Team members

- Dick Lyon
- Ron Weiss
- Kevin Wilson
- Ryan Rifkin
- Sourish Chadhuri
- Pascal Getreuer
- Doug Eck
- Daniel Steinberg
- Andre Hentz
- Tony Lam
- Philippe Hamel
- Ali Razavi
- Maneesh Bhand
- Alex Susemihl (intern)

Machine Hearing team (audio)

Music Intelligence team (music)

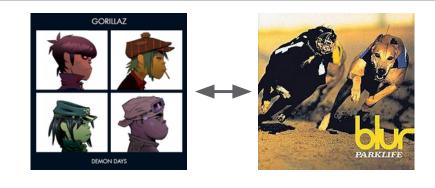
Names in **BOLD** are here at NEMISIG!

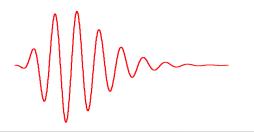




Users
Collaborative Filtering

Musicians *Knowledge and Connections*

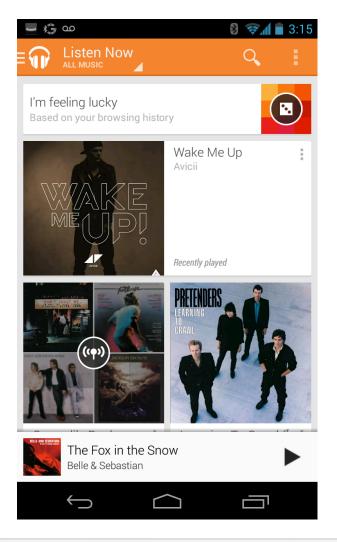


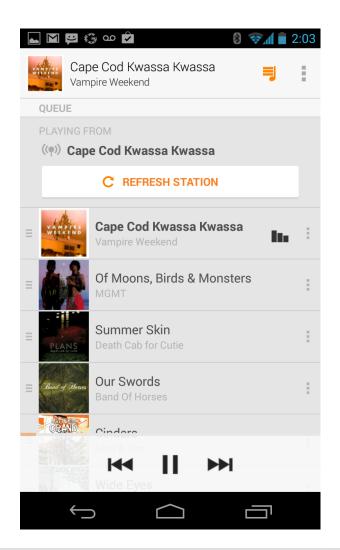


Music *Audio Signal Processing*

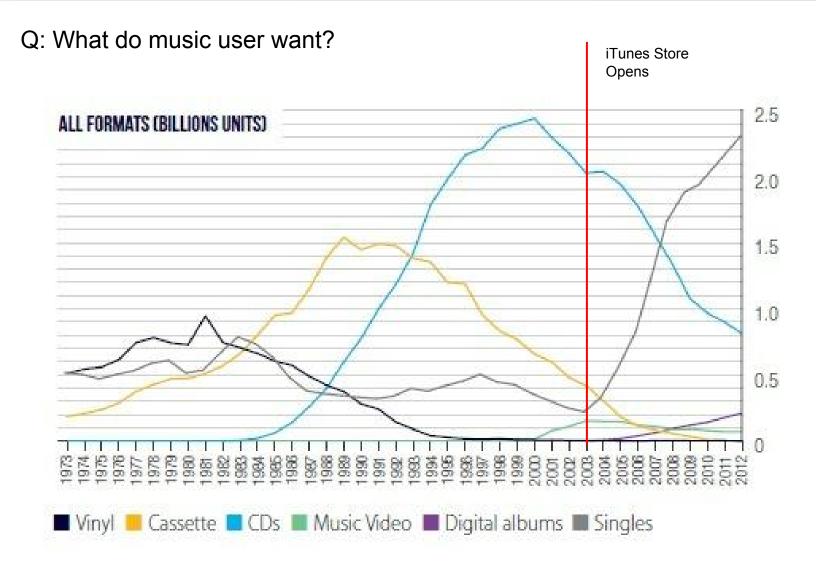


Play Music All Access

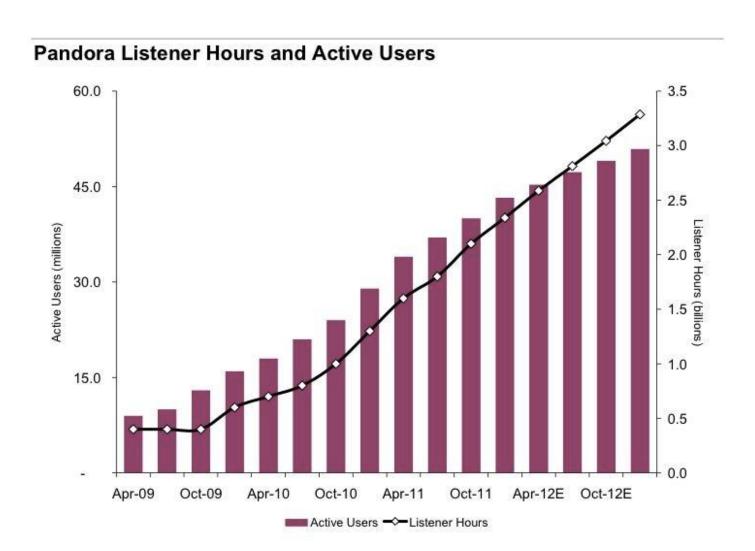






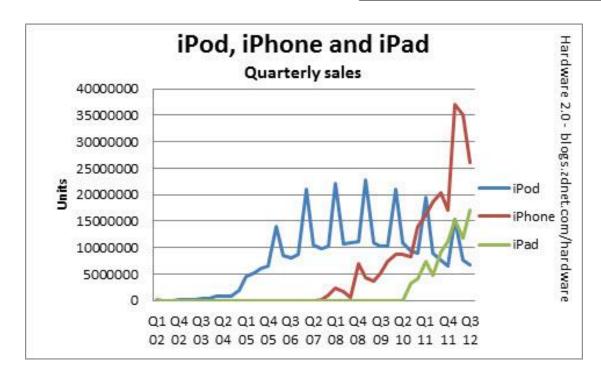








Pandor	a streaming statistics	;
	FY3Q12	FY3Q11
Listener Hours (billions)	2.1	1.0
Active Users (millions)	40.0	24.0
Platform Hours		
Mobile	70%	52%
Non-mobile	30%	48%





Music Recommendation

Personalized, contextual radio that adapts to listener feedback. Low-friction, easy engagement

"Lean Back" experience







Music Discovery

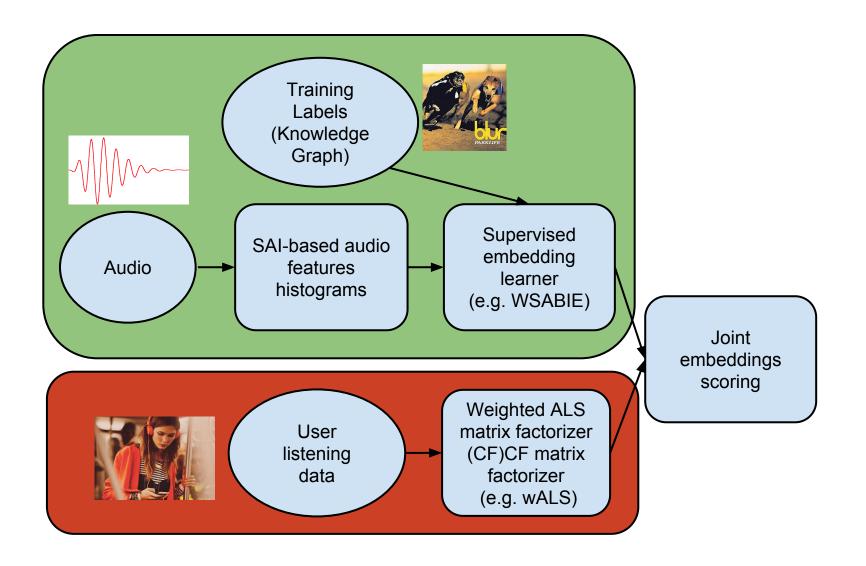
Organize the world's music information. Tools for exploration, sharing and visualization. Social.

"Lean Forward" Experience



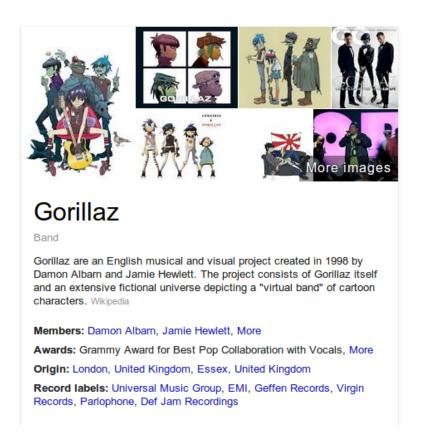


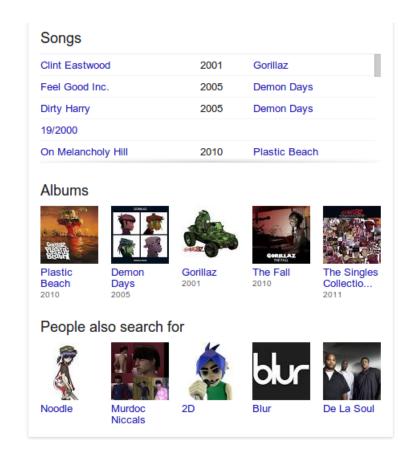






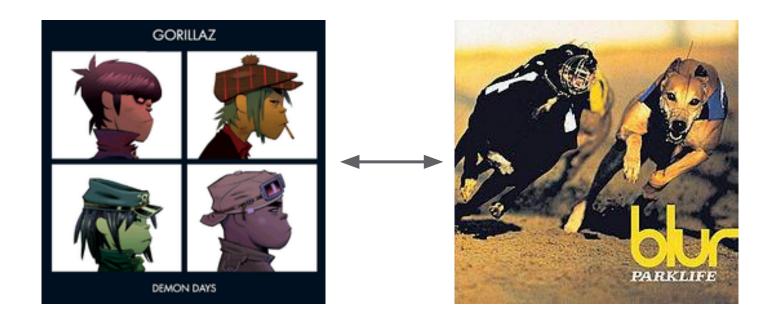
Knowledge and Connections





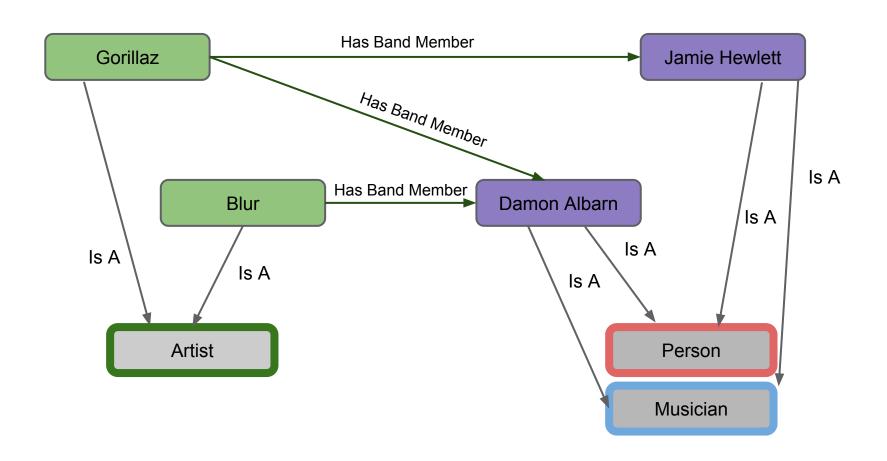
Knowledge Panel result from searching for "Gorillaz"





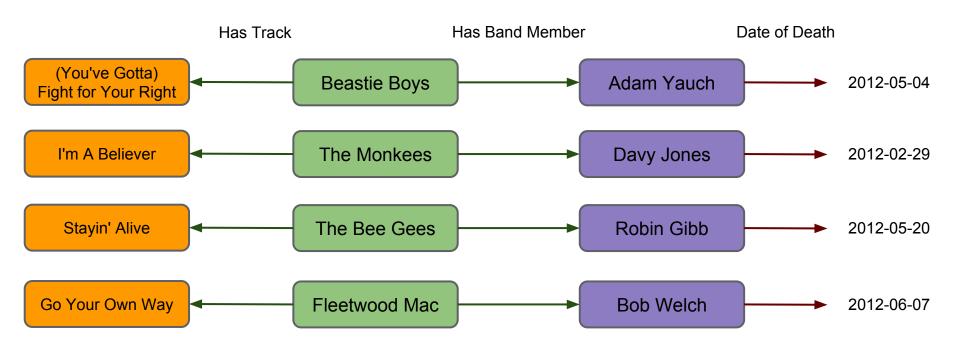


Freebase Music Schema





Playlist: Songs by Artists who had a member die in 2012



Freebase is a public dataset, so try it yourself! http://tinyurl.com/bj4bkdv



MIR@Google

- Question: what can Google give back to the MIR community?
- Always hiring interns and full-time employees.
 Contact <u>deck@google.com</u>
- Visiting faculty program
- Google Research Awards