



MEMEOKE

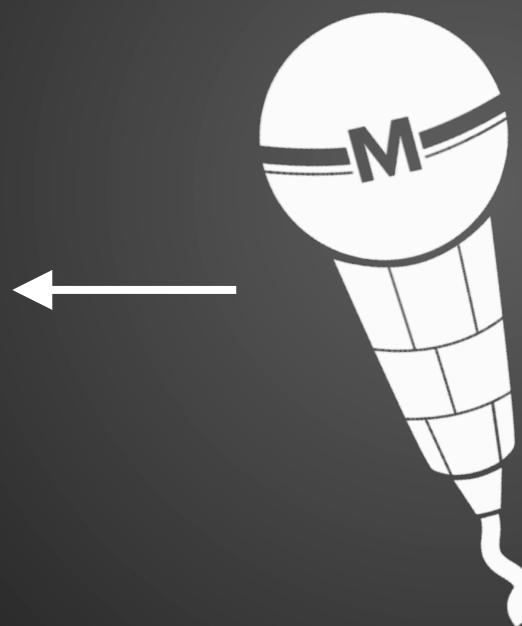
Memes. Karaoke. Fun!



PROBLEM

You're surfing the Web, and you just can't get that damn song out of your head. What to do? Where can you sing your heart out and be entertained by memes and GIFs at the same time?

HOW IT WORKS

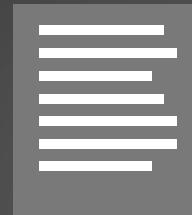


musixmatch



SOUNDCLOUD

Step 1: LOAD TRACKS



Curated list of
popular (i.e.
meme-worthy)
Artists

List of
corresponding
Artist IDs



List of Tracks
for each Artist
ID



ARTIST NAMES
JSON

ARTIST IDs
JSON



Artist
Database

Album &
Track
Database



Step 2:

PICK TRACK, LOAD LYRICS



Track is chosen from list of songs

List of lyrics* of the chosen Track

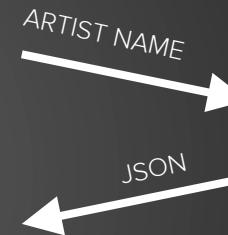


Lyrics Database



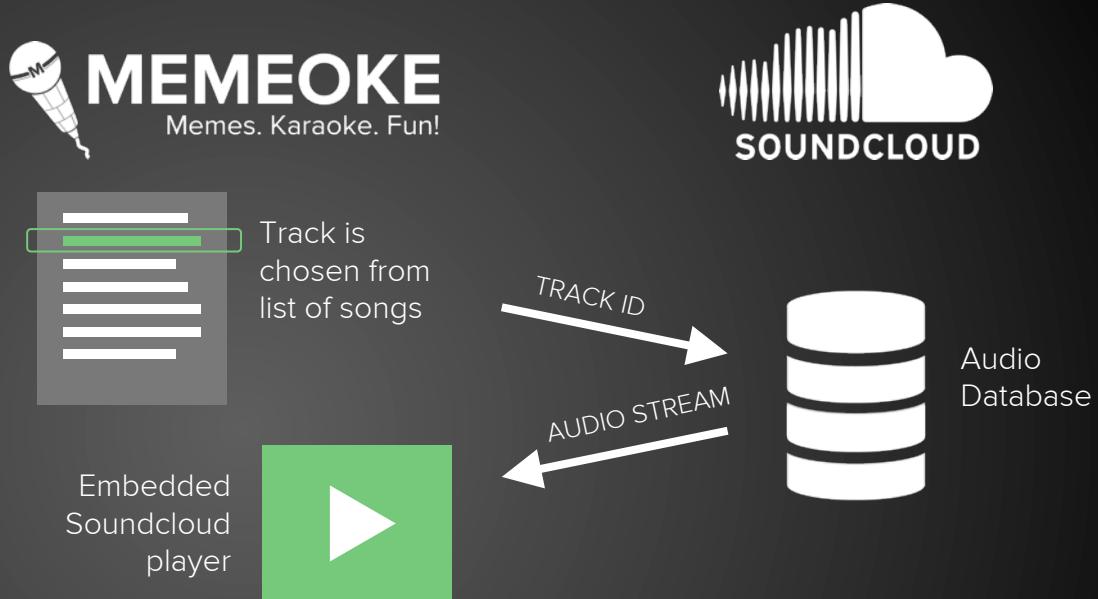
* only 30% of the lyrics are provided by the free API, for full lyrics with timings, paid subscription is required

Step 3: LOAD GIFS



Animated
GIFs
Database

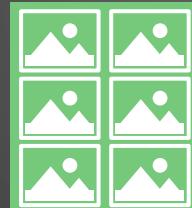
Step 4: LOAD AUDIO



Step 5: SING!



LYRICS



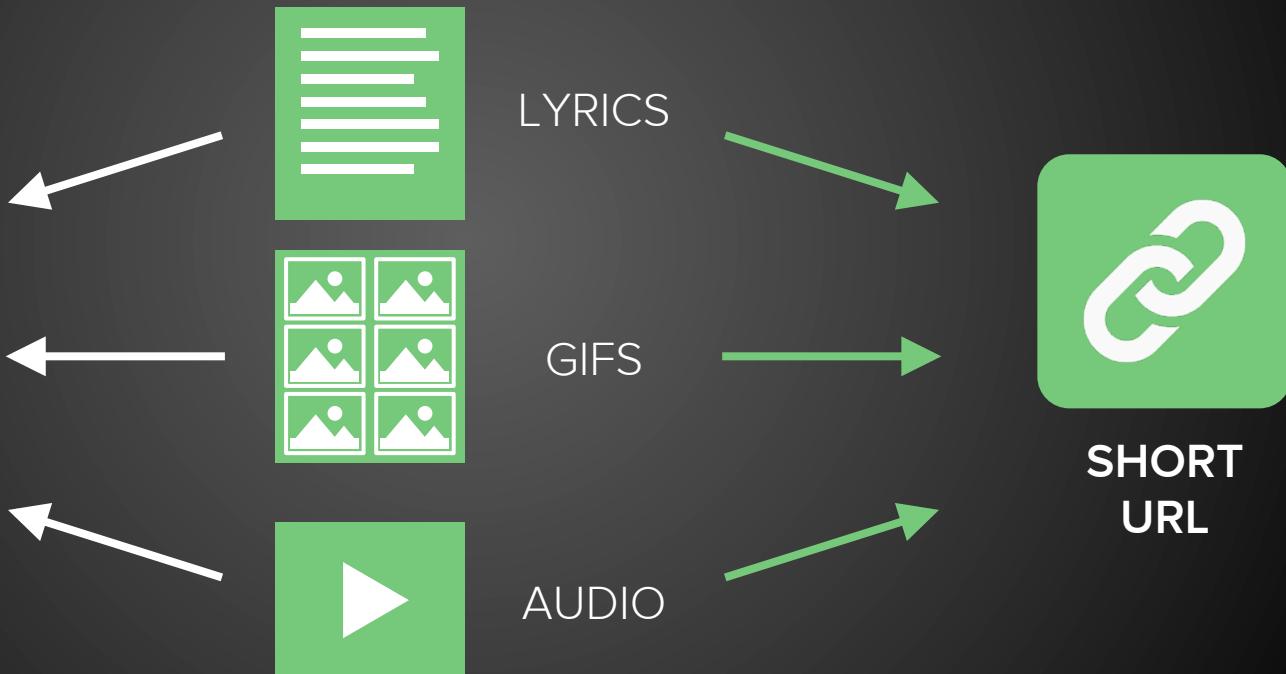
GIFS

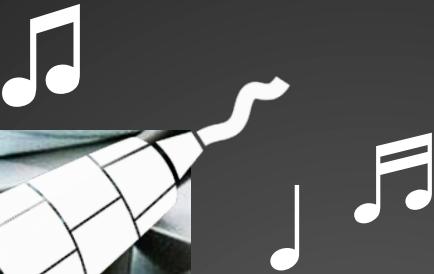
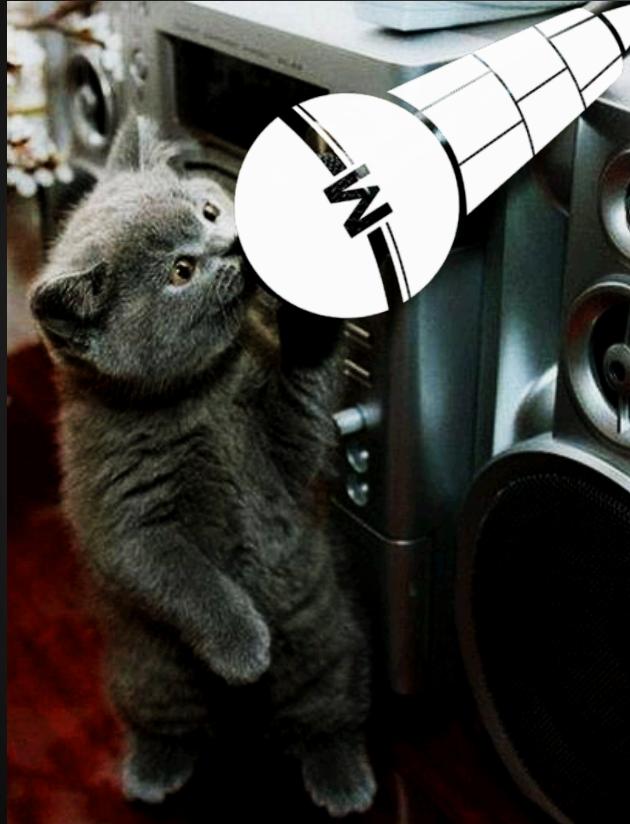


AUDIO



Step 6: SHARE!





DEMO-OKE!

CHALLENGES FACED

- Originally used Spotify, but ran into technical issues (requires Spotify login always) → changed to Soundcloud
- Originally used Echonest, but requires special approval from Lyricfind sales team → changed to Musixmatch
- Needed to ensure that enough content existed for each artist and track across **ALL** APIs (audio, lyrics, GIFs)
- LRC files (timed lyrics) - no API provides them for free → reverted to static lyrics
- Static lyrics - not 100% available for free → stuck with the free 30% anyway
- Songs on Soundcloud - not official, mostly covers, multiple versions



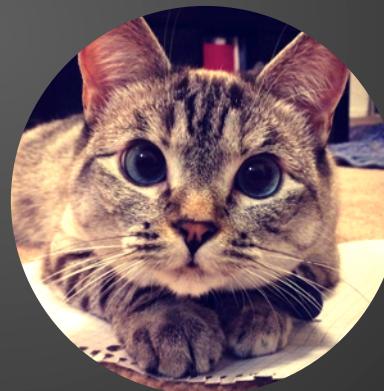
THANK YOU



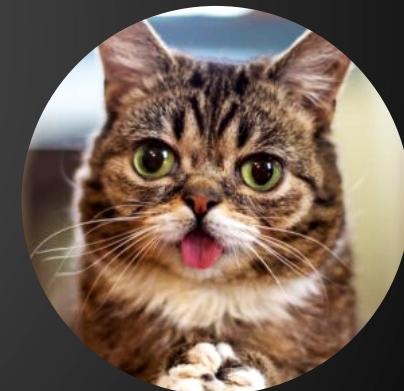
ANUBHAV



SINDHUJA



STEPHANIE



CARLOS