THE CONTEXT

- Tremendous growth of the number of multimedia documents in the digital world
  - Need for new ways to handle, store, transmit, organize...
- In particular, traditional search engines are not tailored for multimedia data.
- We propose a new tool to browse collections of music pieces.

THE TECHNOLOGY

- At the crossroad of big data and music processing,
- our technology brings a novel way to represent sound signals...

- ...that we put at the service of a new search method for music excerpts within large collections.

THE SERVICE

- A Learning phase allows the service to ingest a collection of music references.

- Users then have access to a Google-like search engine:
  - query by music example
  - retrieves precise excerpts within the learnt references

- The search engine is fully operable through the Web:
  - from any connected device equipped with a browser

- Our scalable technology allows to target massive collections of references while providing an instantaneous search.

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