

DARWIN'S MUSIC



Hmm ...

- Where does blue-grass come from?
- How did jazz grow?



Audio analysis says ...

Measuring the evolution of contemporary western popular music (J. Serrà *et al*, 2012)



the entire guitar store
must hear the power
of my power chords!

CHUG CHUG CHUG
CHUG CHUG

What would *web of things* say?



We want to see ...

- Evolution of music genres in western music
- Popularity of artists by country over a timeline



Data

mb:recording/0012b183-0094-466a-8e9b-b019f1f2fd2f#_ a mo:Track ;
ourvocab:has_**listener_count** "21117" ;
ourvocab:has_**playcount** "91301" ;
ourvocab:has_**tag** "4 of 10 stars",
"female vocalist",
"jazz",
dc:**title** "S'Wonderful" ;
mo:**performer** mb:artist/67d2cb7a-9ddb-....#_ .

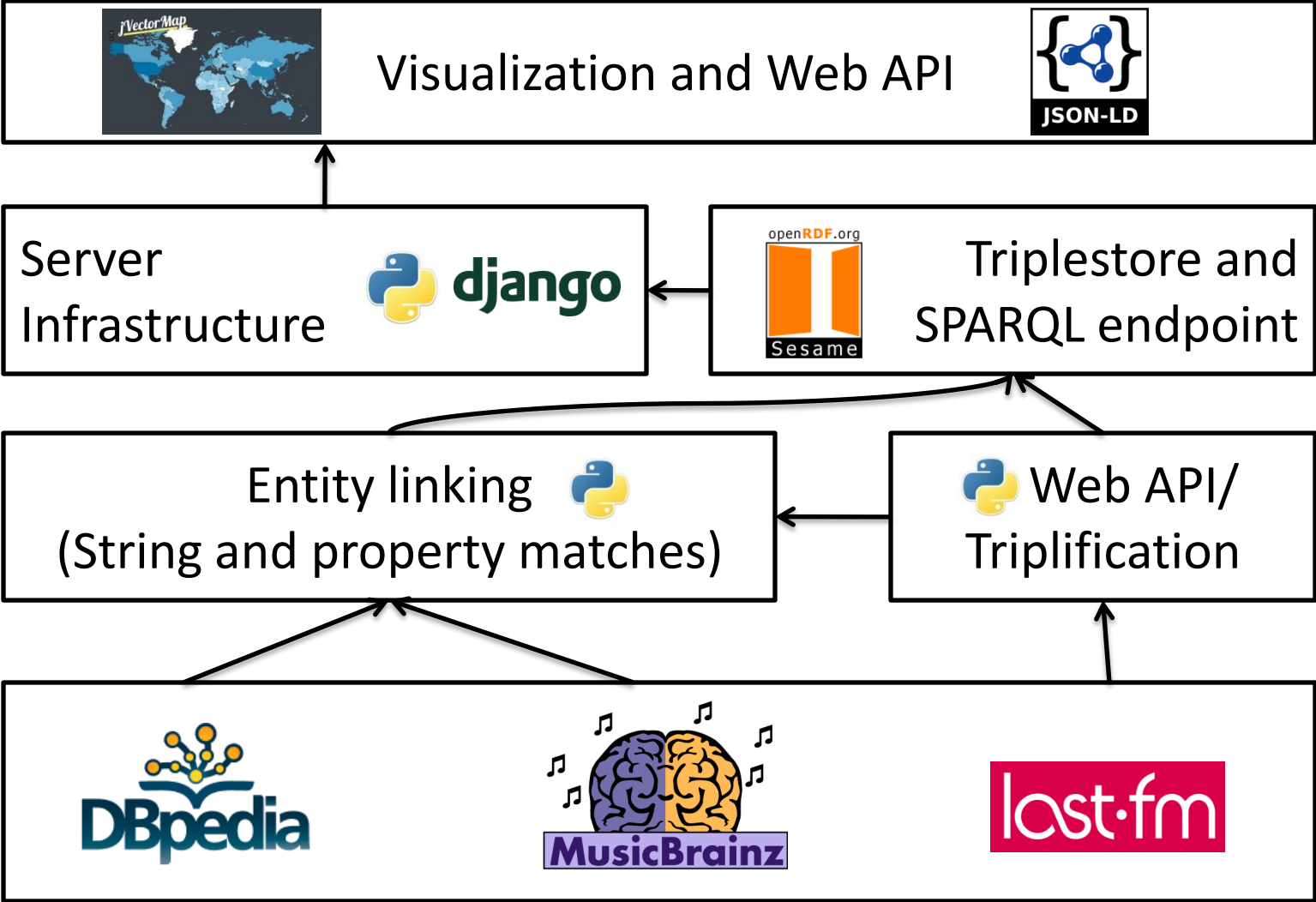


mb:artist/67d2cb7a-9ddb-....#_ a mo:MusicArtist ;
dbpediaowl:**hometown** <<http://dbpedia.org/resource/Nanaimo>> ;
foaf:**name** "Diana Krall" .

<<http://dbpedia.org/resource/Nanaimo>> a dbpediaowl:Place ;
geo:**geometry** "POINT(-123.936 49.1642)" ;
foaf:**name** "City of Nanaimo" .



Architecture



Screencast/Demo

Outcomes

- Triplified and linked Last fm track data to MusicBrainz and DBPedia sources
- Triple store of the data with a SPARQL endpoint
- A visualization kit built on jVectormap
- Software infrastructure with API to access SPARQL endpoint (returning JSON-LD)

Prospects (Research)

- A parallel research to **Measuring the evolution of contemporary western popular music** (J. Serrà *et al*, 2012)
- Informed recommendations
 - replace(Frustration , Serendipity)
- Measuring impacts
 - Cross border cultural influences
 - Historical events
- Maps/links from a singer, listener and a label's perspective



Be part of it!

- Everything is open, out there
<https://github.com/mpetyx/DarwinsMusic>
- A lot of possible different directions

