



# Final project presentation

Next Generation Web |  
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# Our idea

- A semantic music quiz
- Using ontologies from different genres and artists

# Romantic Music

Questions for the alternative addict

5. When did [...] write the song [...]?

Possible answer 1

Possible answer 2

Possible answer 3

Possible answer 4

Previous

Finish quiz

[Cancel this quiz](#)

The final application  
based on our concept

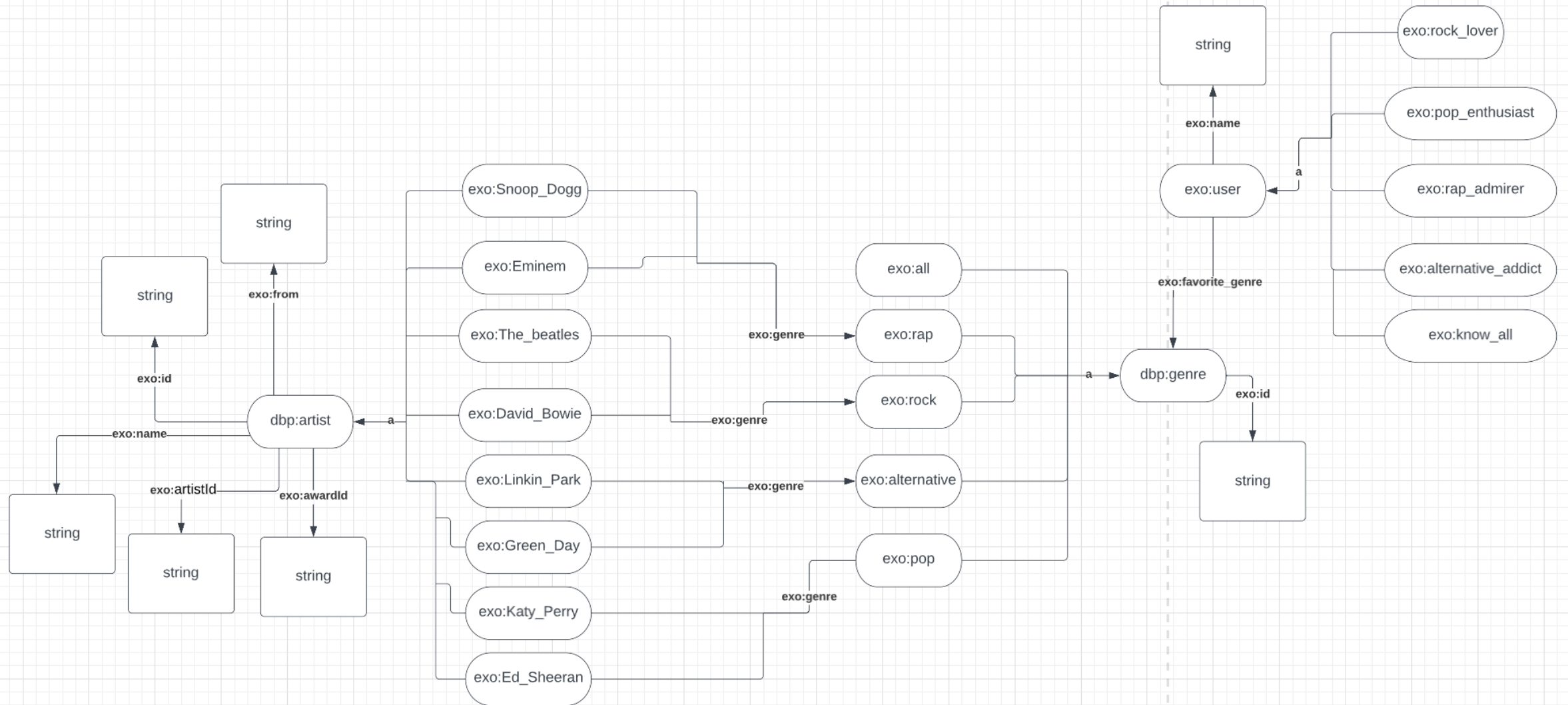


# The fundamental structure

- Serverside application
- Javascript
- HTML & CSS
- Express & handlebars
- 3 routes, home, question, result
- Preparation and progress saved in json
- Ontology saved in ttl
- Everything automatically and randomized generated



# The user profile ontology





# Project visualization

- <http://localhost:3000>



# Content Sources

- DBpedia (5Star)
- Wikidata (5Star)



## About: [Ed Sheeran](#)

An Entity of Type: [musikalischer Künstler](#), from Named Graph: <http://dbpedia.org>, within Data Space: [dbpedia.org](http://dbpedia.org)

Edward Christopher „Ed“ Sheeran, MBE (\* 17. Februar 1991 in Halifax) ist ein britischer Singer-Songwriter. Er verkaufte bislang über 150 Millionen Tonträger. Seine erfolgreichste Veröffentlichung ist die Single Shape of You, die über 3,2 Millionen Mal verkauft wurde.



### Property

### Value

[r:abstract](#)

- Edward Christopher „Ed“ Sheeran, MBE (\* 17. Februar 1991 in Halifax) ist ein britischer Singer-Songwriter. Er verkaufte bislang über 150 Millionen Tonträger. Seine erfolgreichste Veröffentlichung ist die Single Shape of You, die über 3,2 Millionen Mal verkauft wurde. (de)
- Edward Christopher Sheeran MBE (/ˈʃɪərən/; born 17 February 1991) is an English singer-songwriter and musician. Born in Halifax, West Yorkshire and raised in Framlingham, Suffolk, he began writing songs around the age of eleven. In early 2011, Sheeran independently released the extended play, No. 5 Collaborations Project. He signed with Asylum Records the same year. Sheeran's debut album, + (pronounced "plus"), was released in September 2011 and topped the UK Albums Chart. It contained his first hit single "The A Team". In 2012, Sheeran won the Brit Awards for Best British Male



# Challenges

- WIKIDATA
  - Query Policies
  - Resources key
  - Collect names
  - <https://www.wikidata.org/wiki/Q47447>



Thanks! Any questions?