Rock band ontology
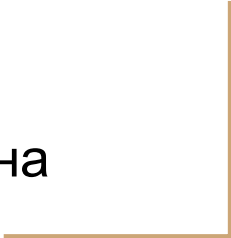
ст. гр. P41172
Чепрасова Елена
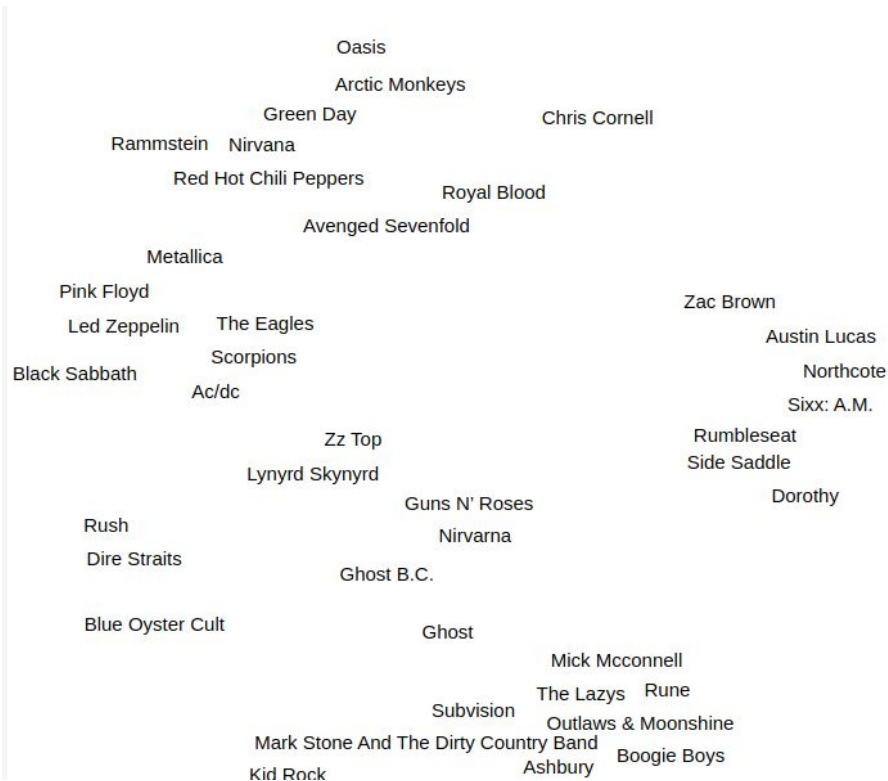
Назначение
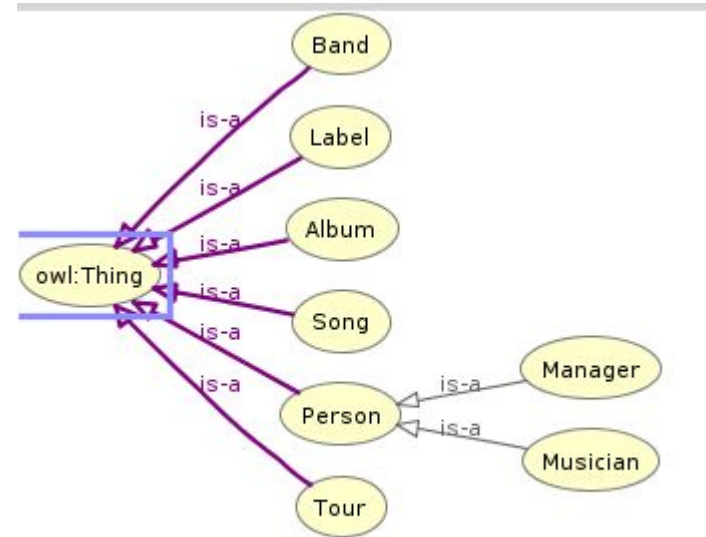
Структурирование данных о группах.

Использование: рекомендательная система.

https://www.music-map.com/
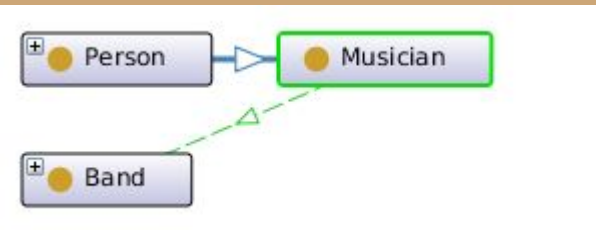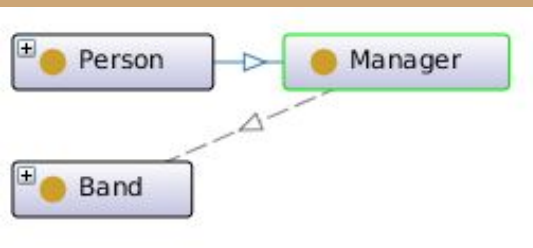
Классы

Class Person

Attributes: name, surname

- Class **Manager** ext Person

  Manager *manages a band*

- Class **Musician** ext Person

  Plays instrument

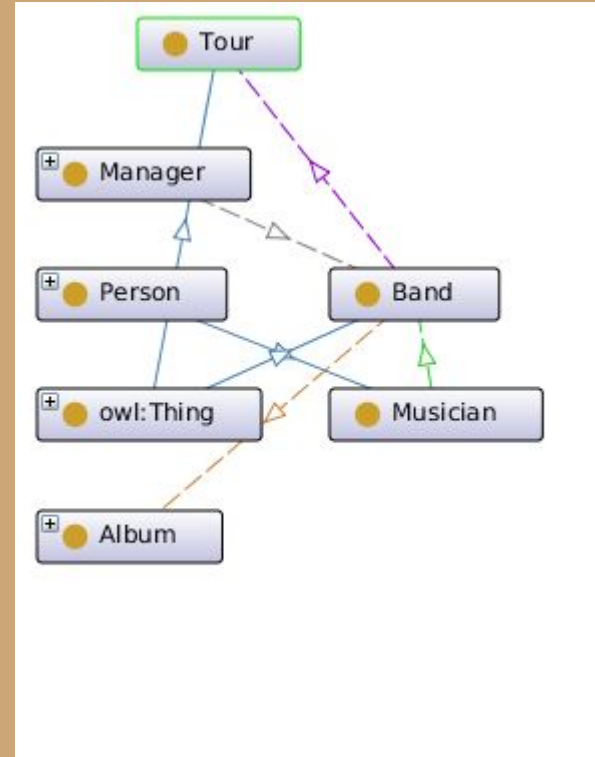 ***Musician*** *works in a band*

Class Band

Attributes:

name, country, genre

Musician works in **band**

Manager manages **band**
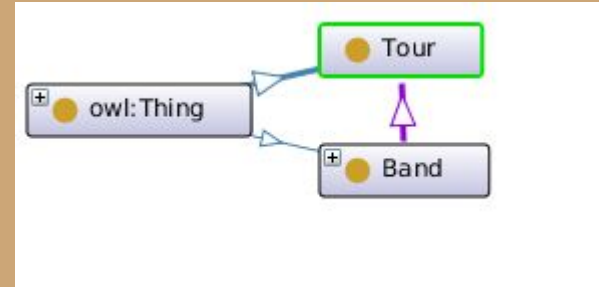
Band *goes on tour*

Band *creates album*

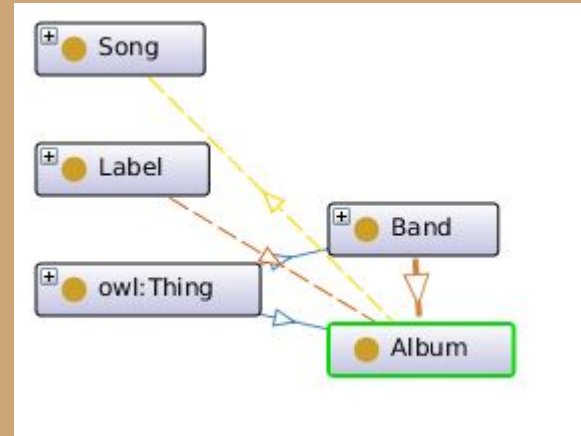# Class Tour

Attributes:

name, year

*Band <u>goes on</u> **tour***

Class Album

Attributes:

title, year, duration

*Band <u>creates</u> **album***

*Label <u>records</u> **album***

***Album** <u>contains</u> songs*

Class Label

Attributes:

name, country

Label <u>records</u> *album*
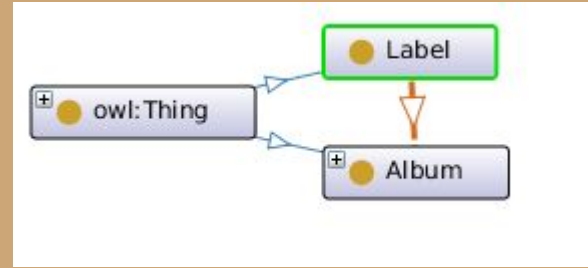
Class Song

Attributes:

name, duration

*Album <u>contains</u> **songs***
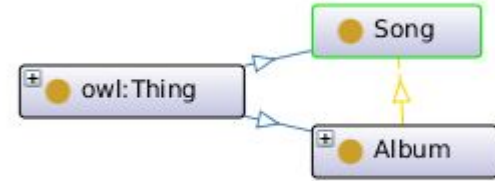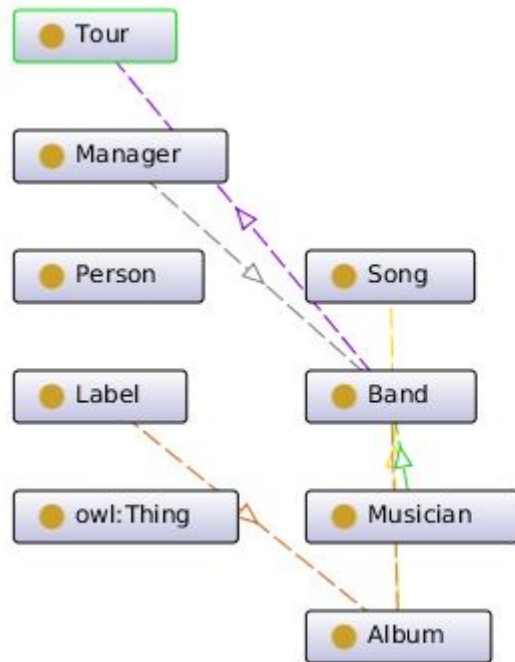
Arc Types

- ☑ ── contains (Domain>Range)
- ☑ ── creates (Domain>Range)
- ☑ ── goes_on (Domain>Range)
- ☐ ── has individual
- ☐ ── has subclass
- ☑ ── manages (Domain>Range)
- ☑ ── records (Domain>Range)
- ☑ ── works_in (Domain>Range)

Спасибо за внимание