The Linked Open Data Cloud is for us.
Unfortunately, *us* means researchers.
Unreached Communities

• Web Developers
• Small Businesses
• General Public

Why?
“Goalkeeper playing for Real Madrid”
However... we have the data!
TurtleComplete is the Solution
Underlying Principles

• No Dataset Naming
• Guided Search
• ML for Improved Experience
Architecture

User

Iker Casillas

Full name | Iker Casillas Fernandez
Current club | Real Madrid
Date of birth | 20 May 1981 (age 32)
Place of birth | Móstoles, Spain
Height | 1.85 in

Server

Process

Suggestions

Slicing

LOD
"Goalkeeper" is a dbpedia:Goalkeeper. It is a dbpedia:currentClub of "playing for" rdfs:label "goalkeeper" rdfs:label .
"Goalkeeper" is a currentClub of "playing for" club.
Goalkeeper is a player playing for Real Madrid.
"Goalkeeper" is a "playing for" dbpedia:Real_Madrid.

dbpedia:Iker_Casillas is a dbpedia:Goalkeeper.

dbpedia:Iker_Casillas is "playing for" dbpedia:Real_Madrid.

rdfs:label
SELECT *
WHERE {
  ?p a dbpedia:Goalkeeper
  ?p dbpedia:currentClub dbpedia:Real_Madrid
}
Machine Learning

- Previous successes refine autocomplete selection
- Ranking of datasets based on negative feedback
DEMO!
Thanks!

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