Exploratory Political Search (ExPoSe)

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Search?
Google-like keyword search:
giving the query, returning the most relevant documents to the user
What is Exploratory Search?
If a user **does not know** much about classical music, how should they even **begin** to find a piece that they might **like**?
what if the user doesn't know which keywords to use?

what if the user isn't looking for a single answer?
Exploratory Search

- **Exploratory search** is a specialization of information exploration which represents the activities carried out by searchers who are either:
  
  - unfamiliar with the domain of their goal (i.e. need to learn about the topic in order to understand how to achieve their goal)
  
  - unsure about the ways to achieve their goals (either the technology or the process)
  
  - or even unsure about their goals in the first place.
ExPoSe Project?

Essence is not only what is said, but also by who, to whom, and why.
Richly Annotated Proceedings
1. verkiezing van de voorzitter der Kamer
   Heijne Makkreei, mp, VVD, 1991-06-11, 3 paragraphs, senate
   Ja, mijnheer de voorzitter! Eerste Kamer Verkiezing ondervoorzitters 11 juni 1991 EK33 33-1252 voorzitter

2. verkiezing van de eerste en de tweede onder- voorzitter der Kamer.
   Heijne Makkreei, mp, VVD, 1991-06-11, 3 paragraphs, senate
ExPoSe WikiCat Browser
Entity detection, disambiguation, and linking

Specialise Linker

General Linker
(DBpedia Spotlight)

Fusing the results

- Gender Linker
- DBpedia Spotlight
- Fusing the results

Entity detection, disambiguation, and linking
Extract the **categories** associated with each entity

**USER** determines the root of the subgraph

Filter the extracted entities based on user’s desirable categories

Calculate the **"Importance"** and the **"Recency"** of each category

Visualisation
Go to the Demo...

:)