

Workshop 1



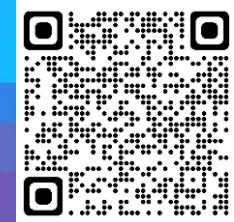
IR Fundamentals with Terrier Platform

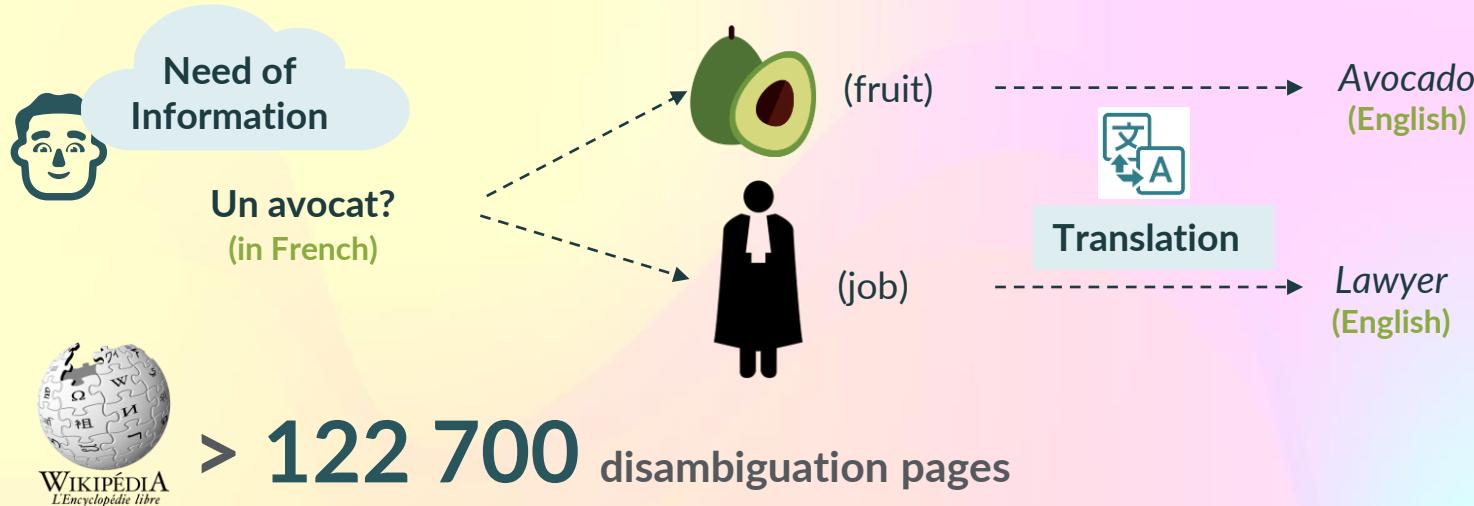
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Formulation of the information need as a **query**



Relevance of retrieved results



Uncertain & imprecise research context



IR automation & assistance

The screenshot shows a Bing search results page for the query "jaguar". The search bar at the top contains the term "jaguar". Below the search bar, there are two main sections: "Query Expansion (« Jaguar Cars »)" on the left and the search results on the right.

Query Expansion (« Jaguar Cars »): This section displays a search bar with "Jaguar Cars" and a dropdown menu showing "Tout", "Images", "Vidéos", "Cartes", and "Actualités". It also shows search filters for "Date", "Langue", and "Pays". Below this, a snippet from "Jaguar France - Véhicules Hautes Performances" is shown, with a link to <https://www.jaguar.fr>.

Search Results: This section shows a search result for "Jaguar" (the animal). It includes a thumbnail image of a jaguar, the word "Jaguar" in bold, and a brief description: "Le jaguar est un mammifère carnivore de la famille des Felidae. C'est l'un des cinq « grand...»". To the right of this result is a "Supprimer" (Delete) button. Above this result, another snippet for "Jaguar" (the car brand) is shown, featuring the Jaguar logo and the text: "Jaguar, de son nom officiel « Jaguar Cars Ltd », est une marque automobile anglaise connue ...".

Annotations:

- 1**: A blue circle labeled "Query Disambiguation" is positioned next to the snippet for the car brand.
- 2**: A purple circle labeled "Auto-completion" is positioned next to the search bar.
- 3**: An orange circle labeled "Query Expansion (« Jaguar Cars »)" is positioned next to the search bar in the expansion section.
- 4**: A green circle is positioned next to the snippet for the animal.

Query Reformulation (« Panthera onca »)

The screenshot shows a search results page for the query "Panthera onca". The search bar at the top contains the text "Panthera onca". Below the search bar, there are tabs for "Tout", "Images", "Vidéos", "Cartes", and "Actualités", with "Tout" being the selected tab. The results count is 338 000 Résultats. There are filters for "Date", "Langue", and "Pays". The first result is a link to "Jaguar — Wikipédia" with the URL https://fr.wikipedia.org/wiki/Panthera_onca. Below the link are several thumbnail images of jaguars.



Goal :

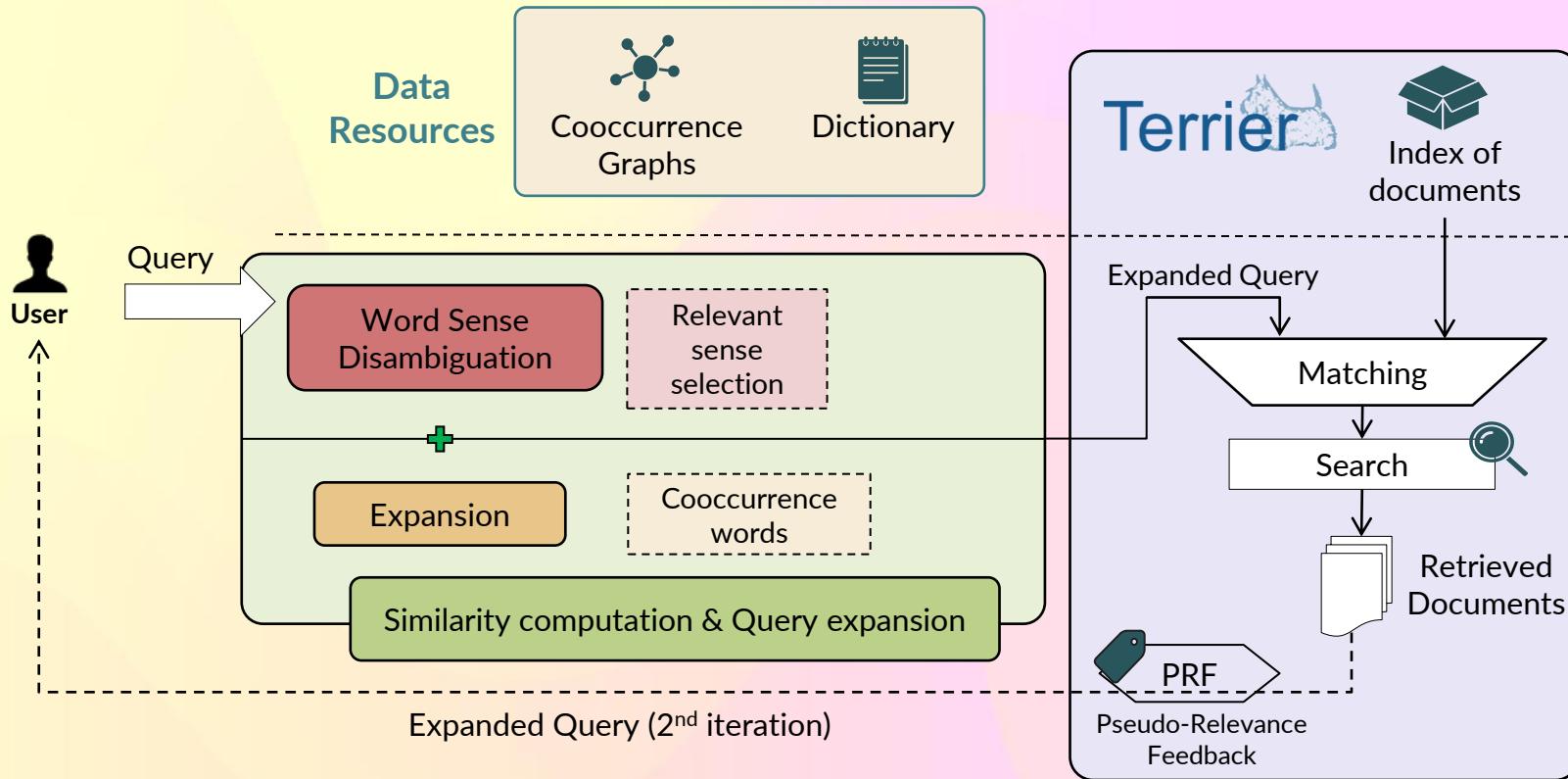
Help the user to better formulate his need for information

Similar Searches (« Léopard », « Puma », « Tigre », etc.)

Recherches similaires

Afficher tout (20+)

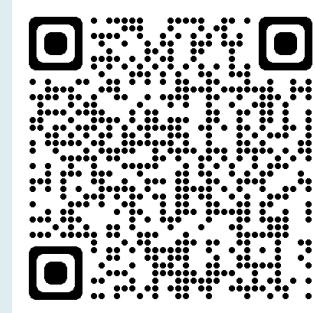
The screenshot shows a list of "Recherches similaires" (similar searches) with five items: "Léopard", "Puma", "Panthere des neiges", "Tigre", and "Lion". Each item has a small thumbnail image and the name of the animal in French.





Tutorial on GitHub

<https://github.com/oussbenk/information-retrieval-tutorial-terrier-cranfield>



Thanks!

Any questions ?

You can find me here :



www.oussamabenkhiroun.com



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