Knowledge Graph Extractor

Product Overview

A lot of documented knowledge are available, but finding the time to read and comprehend all of it can be challenging. Our tool offers a solution by allowing users to upload documents and automatically generate knowledge graphs with only a button. These graphs visually represent the core concepts and their relationships as mentioned in the document.

Supported Document Formats

For now it is only possible to upload PDF Documents.

Uploading a File (.pdf, .pptx, .docs, .txt, .json)

To upload a document:

- **Drag and Drop:** Simply drag and drop the desired document from your computer into the designated area on the page.

- **Browse and Select:** Alternatively, click on the "Browse" button, then select the desired document from your computer.

Generating a Knowledge Graph

Once the upload is complete:

- **Generate the Graph:** Click on the "Generate Graph" button. The system will process the document and create a knowledge graph highlighting the key concepts and their relationships.

Keywords

- **Keywords Generation:** The most relevant keywords for that particular document will be generated and shown on the left panel. They are clickable.

Searching for Specific Words

- **Search Functionality**: User can search for specific words in the search box. The results will display the nodes that are relevant to the searched keyword, along with the similarity value for each result.

Topics

- **Topic Visualization:** Users can utilize the Topics panel to see the topics associated with each node, with each topic represented by a unique color code. Additionally, hovering over the nodes will display their respective topic information.

Node Information

- **Page Numbers:** Page numbers to which the node belongs are shown when hovering over the node.

Layout and Physics Options

- **Graph Control:** User can also use different layout and physics options to control the position of different graph types.