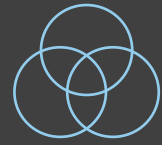




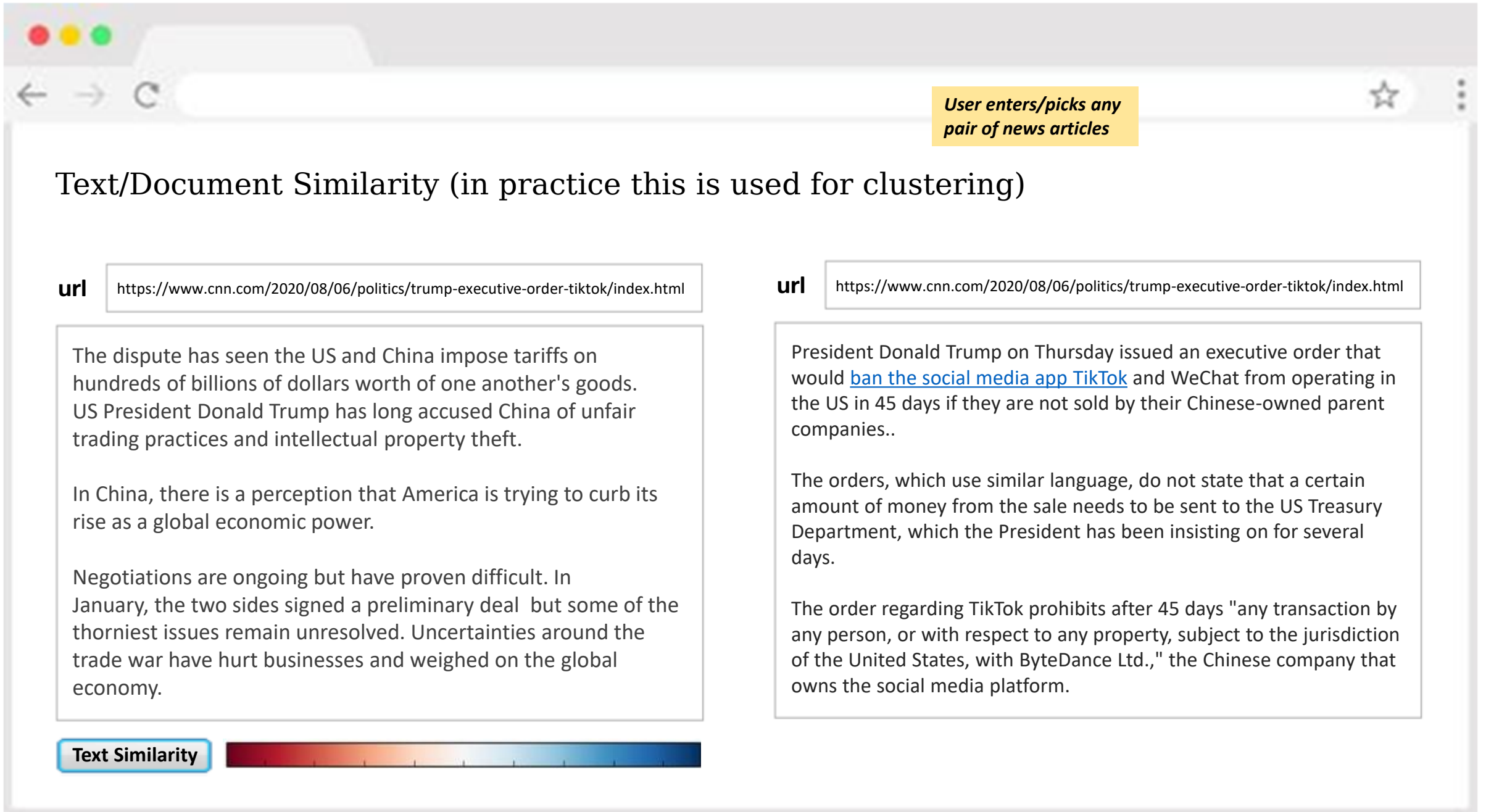
# ONTOLOGIK

TOWARDS BUILDING SYSTEMS THAT TRULY  
COMPRHEND ORDINARY SPOKEN LANGUAGE



## phase 1

- Text summarization
- Metadata Extraction (key topics)
- Categorization
- Sentiment Analysis
- Semantic Search
- Text Similarity (Document Clustering)



User enters/picks any pair of news articles

# Text/Document Similarity (in practice this is used for clustering)

url

The dispute has seen the US and China impose tariffs on hundreds of billions of dollars worth of one another's goods. US President Donald Trump has long accused China of unfair trading practices and intellectual property theft.

In China, there is a perception that America is trying to curb its rise as a global economic power.

Negotiations are ongoing but have proven difficult. In January, the two sides signed a preliminary deal but some of the thorniest issues remain unresolved. Uncertainties around the trade war have hurt businesses and weighed on the global economy.

url

President Donald Trump on Thursday issued an executive order that would [ban the social media app TikTok](#) and WeChat from operating in the US in 45 days if they are not sold by their Chinese-owned parent companies..

The orders, which use similar language, do not state that a certain amount of money from the sale needs to be sent to the US Treasury Department, which the President has been insisting on for several days.

The order regarding TikTok prohibits after 45 days "any transaction by any person, or with respect to any property, subject to the jurisdiction of the United States, with ByteDance Ltd.," the Chinese company that owns the social media platform.

Text Similarity



User enters/picks news article  
or their own text

## Summarization, Categorization and Extraction of Key topics (auto tagging)

url

<https://www.cnn.com/2020/08/06/politics/trump-executive-order-tiktok/index.html>

President Donald Trump on Thursday issued an executive order that would [ban the social media app TikTok](#) and WeChat from operating in the US in 45 days if they are not sold by their Chinese-owned parent companies..

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>>

### Summary

The dispute has seen the US and China impose tariffs on hundreds of billions of dollars worth of one another's goods. US President Donald Trump has long accused China of unfair trading practices and intellectual property theft.

Mr Trump's tariffs policy aims to encourage consumers to buy American products by making imported goods more expensive.

### Categories:

[Business, Politics](#)

### Key Topics (metadata):

[Mr. Trump's tariffs policy](#)

[US President Donald Trump](#)

[China](#)

[Uncertainties around trade war](#)

User enters their own text

## Sentiment Analysis

The latest Lisp development environment runs fast and has a great debugger, but it is not too friendly to use.

Sentiment analysis

### Lisp development environment

- +0.84 **very positive** (RUNS FAST)
- +0.92 **extremely positive** (GREAT DEBUGGER)
- 0.61 **very negative** (NOT TOO FRIENDLY TO USE)

### Overall sentiment

+0.38 **somewhat positive**

The new iPhone has a very slick look but is a bit expensive and the battery does not last long enough

Sentiment analysis

### iPhone

- +0.83 **very positive** (VERY SLICK LOOK)
- 0.57 **somewhat negative** (A BIT EXPENSIVE)
- 0.61 **negative** (BATTERY DOES NOT LAST LONG)

### Overall sentiment

- 0.26 **somewhat negative**

# Semantic Search

*User enters their own query against a small database of news articles on various subjects and in several domains – they can rephrase the query using different words to check the SEMANTIC search capability*

Latest on the Chinese-US trade dispute and tariffs imposed by President Trump

SEARCH

## [A quick guide to the US-China trade war](#)

The dispute has seen the US and China impose tariffs on hundreds of billions of dollars worth of one another's goods.

[here](#) BBC

## [Trade war: US-China trade battle](#)

US President Donald Trump vowed to more than double tariffs on \$200bn (£153bn) of Chinese goods on Friday and to introduce fresh ones "shortly".

[here](#) CNN

## [Trump threatens to raise tariffs on \\$200bn of Chinese goods](#)

Mr Trump delayed further tariff increases earlier in the year, citing progress in talks. The move increases pressure on China as Vice-Premier Liu He prepares to travel Washington this week to ...

[here](#) TechCrunch