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K-Extractor™: Know what people are saying

Customer Scenario

Need

Track what your customers, voters or supporters are discussing on social media. Recognize topics, trends, and emotional tone of the discussion. Recognize views on different political issues. Get insights on different aspects of a product or service.

Automatic processing is required due to the immense volume of data and the emphasis on real-time reaction. Usage of

keywords only is not sufficient. The system should have use world knowledge to correctly interpret the text. For example, a statement *'My device freezes'* means a problem with *software*.

Challenge

Lymba's Solution

Solution

K-Extractor - Lymba's knowledge extraction system collects required world knowledge and then monitors the live streams of social media in real-time. The system extracts concepts, events and relations between them, recognizes sentiment at the statement level, and provides inference to extract implied knowledge.

Input

Wikipedia and webpages for world knowledge extraction.
Social media streams: Twitter, Facebook, blogs.

Semantic triples in RDF format that can be queried for custom display.

Output

Key Features

- **Ontologies:**

K-Extractor recognizes events, people, organizations, brands, socio-demographic characteristics (race, gender, age, nationality, financial status, education level) and semantic relations between these concepts. The concept and relation types can be customized for your goals.

- **Knowledge-driven:**

K-Extractor can be used together with [Jaguar](#) to create custom domain ontology. The extracted knowledge helps summarization and inference. For example, company reputation depends on reputation of its executives and quality of its products. The system should have such association knowledge to correctly attribute sentiment, even if the organization is not directly mentioned.




- **Real-time:**

The system supports distributed processing, which makes possible real-time processing of massive amount of text.

Check out K-Extractor for more details on the product and its features.

Or request a demo with us:

[Contact Us](#)

Product	Use Cases	Solution	Company	info@lymba.com
<p>Knowledge Extraction Jaguar: Ontology NL2Query™ CHiPS: Semantic Search PowerAgent: CRM</p>	<p>Text Analytics Systematic Literature Review Ontology Creation for Training and Search Scientific Profile Generation Patient Profile Social Media</p>	<p>Knowledge Base Creation</p>	<p>About Us Contact Us Careers Clients</p>	<p>901 Waterfall Way, Bldg 5 Richardson, TX 75080 +1 (972) 680-0800   </p>