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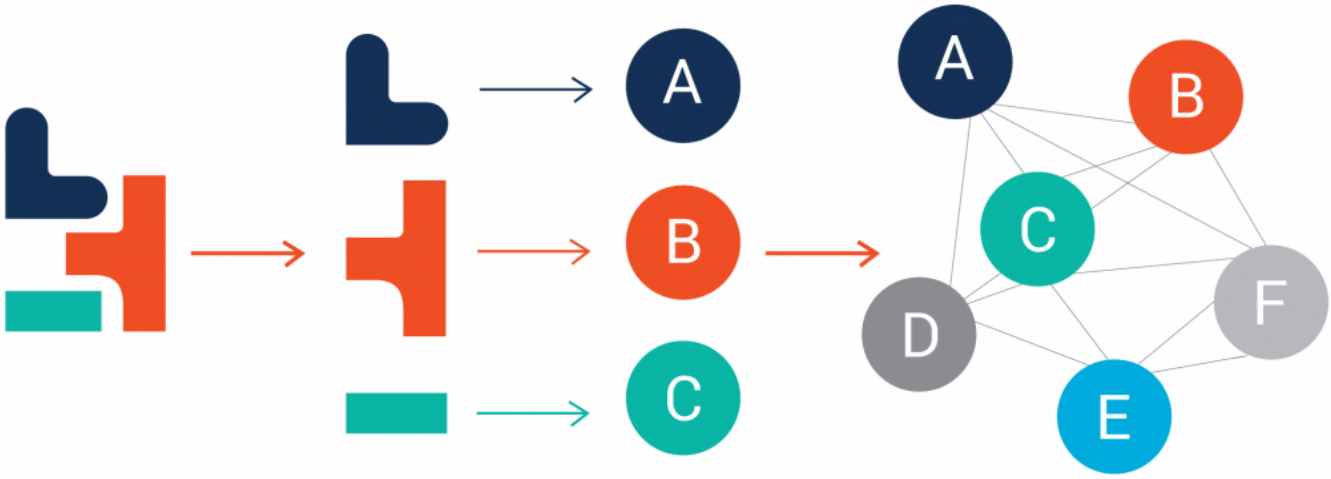
Another exciting year for Ontotext and semantic technology comes to an end.

In this annual end-of-the-year wrap-up, we'll review our top webinars for 2018. Just as with our most fascinating blog posts for 2018, we found out that this year you favored webinars in which our experts showed you tips and tricks for working with a knowledge graph and how your business could profit from it.

Read on to see how Ontotext's top webinars for 2018 help businesses with knowledge discovery thanks to graph analytics and AI-powered services.

Graph Analytics on Company Data and News



In this webinar, Ontotext's CEO Atanas Kiryakov demonstrates how cognitive graph analytics helps create links between various datasets, leading to knowledge discovery.

One of the key challenges in creating links between data sets is to match concepts and entities across disparate data sources and recognize that they are mentioned in texts. This requires clear disambiguation of the meaning of the entities. In this webinar, Atanas demonstrates how graph analytics on top of Ontotext's knowledge graph (loaded with about 2 billion triples in Ontotext's GraphDB) is able to provide entity awareness about the most common types of entities – People, Organizations and Locations (POL).

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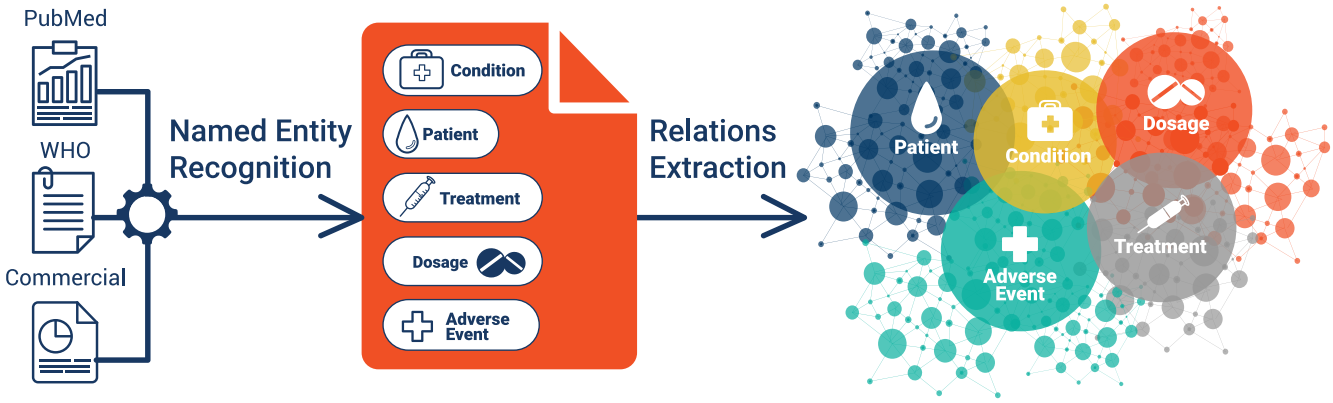
The key topics covered in the webinar are: importance ranking of nodes, based on graph centrality; popularity ranking, based on news mentions of the company and its subsidiaries; and retrieval of similar nodes in a knowledge graph and determining distinguishing features of an entity.

Click here to get the on-demand recording of the webinar.

To make things easier for you, we also have the Q&A session of the webinar in a separate blog post. It gives you a sneak peak into Ontotext's proprietary product FactForge (a public service for free access to POL data) as well as some of the intricacies behind knowledge graph analytics.

Building AI-powered Drug Adverse Events Monitoring Service



Next in our list, we have this webinar on how to use semantic technology to create an efficient monitoring service for the typically resource-consuming review of specialized literature for safety requirements and potential adverse drug effects (ADRs).

Pharmacovigilance plays a significant role in closely observing ADRs. The European Medicinal Agency's pharmacovigilance guideline recommends that the Marketing Authorization Holders (MAH) constantly monitor international medical literature to detect emerging safety issues for medicinal products through a systematic literature review of widely used reference databases. They are also expected to review and assess reports of suspected adverse

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reactions from the scientific and medical literature in order to identify and record Individual Case Safety Reports originating from spontaneous reports or non-interventional post-authorization studies.

The key topics covered in the webinar are: semantic data normalization over large public repositories of semi-structured drug adverse reaction information (FDA AERS); automatic processing of scientific literature data feed with advanced NLP pipelines capable to extract causal relations between drug administration and adverse events; integration of the raw extracted data into a robust QA (curation) process and building a semantic search on top.

View a recording of the webinar led by Todor Primov, Product manager Life-Sciences and Healthcare, and Ilian Uzunov, EMEAA Sales Director.

GraphDB Fundamentals: Adding Meaning to Your Data

This webinar discusses the foundations of enterprise graph analytics and the use of GraphDB.

In this recurring GraphDB Fundamentals webinar Andrey Tagarev, an experienced software developer, data scientist and trainer at Ontotext looks at some of the basic configurations and key features of GraphDB necessary to meet any analytics requirements.

For the Q&A part Pavel Mihaylov, who is leading the GraphDB DevEx team and Desislava Hristova, Senior Software Developer, GraphDB DevEx answers some of your questions.

The key topics covered in the webinar are: the fundamentals of W3C standards for graph databases related to RDF and SPARQL; GraphDB installation and set-up instructions to generate your first RDF dataset; integrating datasets with the linked data cloud; configuring with GraphDB visual representations of the model.

Check the on-demand recording of the webinar to see how Ontotext and its semantic graph database GraphDB enhance enterprise analytics for a faster and richer data-to-insights journey.

Here's to a great 2019 and many more helpful and exciting webinars!

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