



AviComp Services

A Semantic Solutions Provider

company presentation



Company Overview

Technologies

Experience

General Information

- ❖ Founded in 1991 in Moscow, Russia
- ❖ Over 250 employees

Company Overview

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Main Focus

- ❖ Since 2001 we have been developing enterprise solutions based on ontology-driven Natural Language Processing / Semantic Web technologies



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Target customers/areas

- ❖ **On-line Media** (content automation, semantic hypertext, tools for editor, CMS)
- ❖ **Business Management** (information aggregation & analysis for CRM, e-mail servers, corporate websites, CMS/DMS, intranet portals)
- ❖ **Analytical Teams** (market monitoring, competitor analysis, business intelligence, tools for PR analysis, etc.)

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Key Features

- ❖ Scientific Board managing R&D
- ❖ Partnership with leading Russian and European research centers (Moscow State University, Leipzig University, VINITI, etc.) in the area of R&D
- ❖ Key R&D project for Russian Agency for Science and Innovations
- ❖ Participation in FP7
- ❖ Patents, conferences, publications

The Core

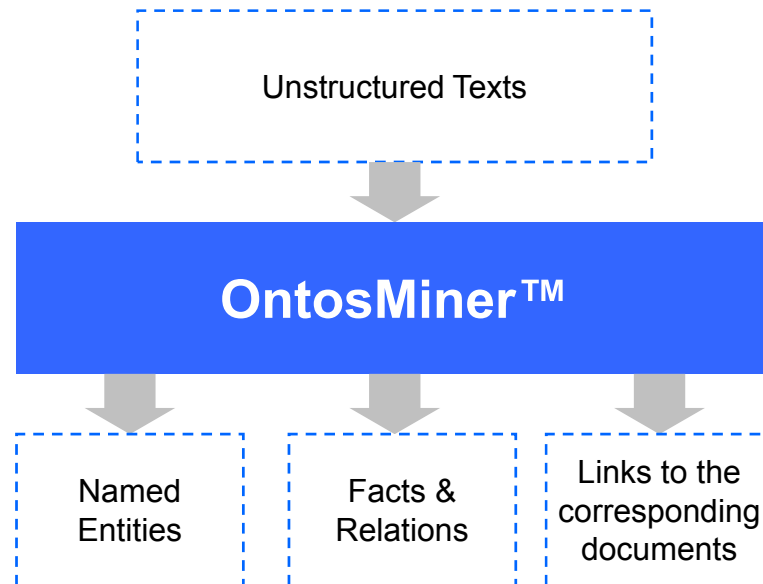


A patented natural language processor
OntosMiner™

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Supported input languages
English, German, Russian, French

OntosMiner™ Characteristics

- ❖ Business ontologies govern what types of entities and relations are recognized in the input texts
- ❖ Inner modules (morphologies, dictionaries, etc.) also heavily rely on technical ontologies
- ❖ Total number of linguistic rules amounts to 10 000 per language/ontology
- ❖ Min precision: 0.8
Min recall: 0.75

An Example

Company Overview

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Media company



Company



Statement



Mass Media



Person



Elections



Government Structure



Educational Organization



Lobby



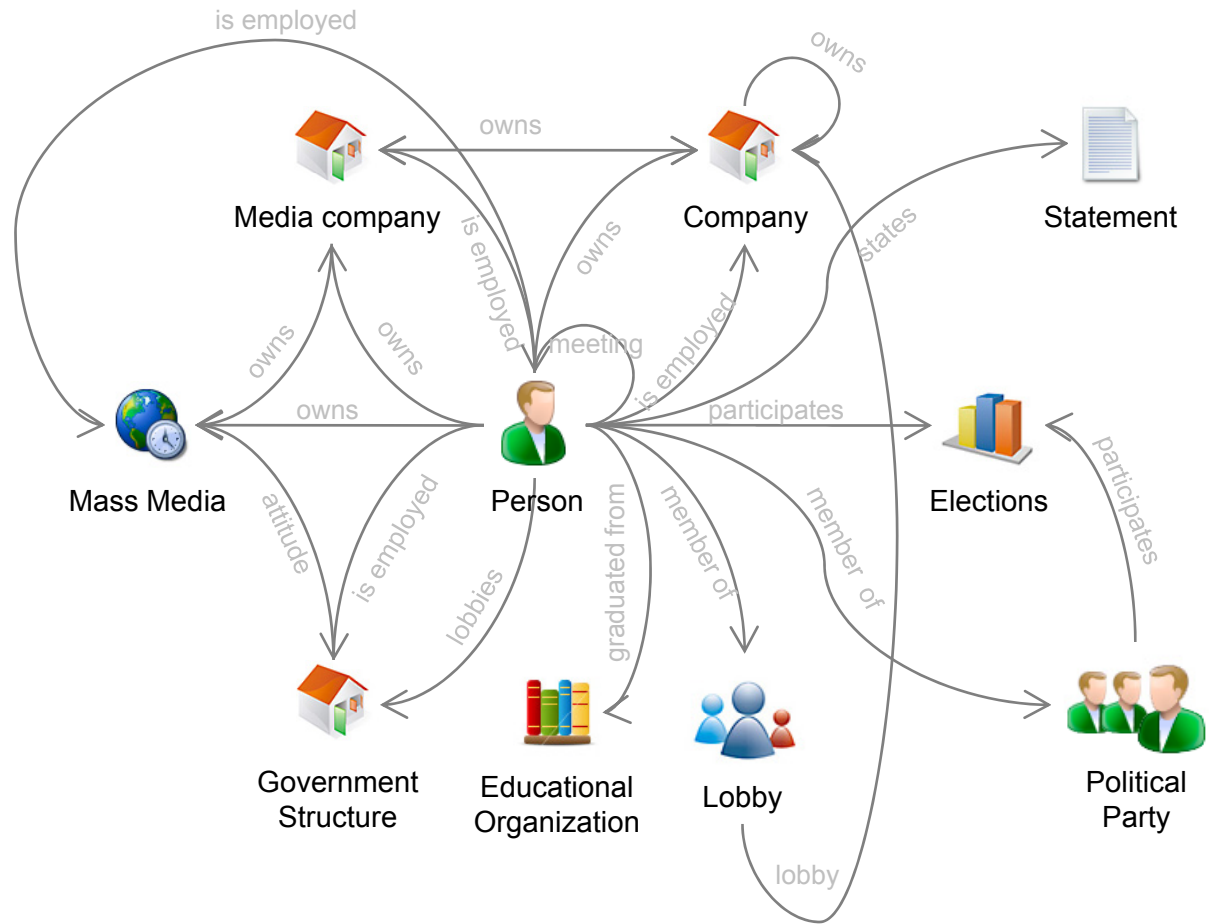
Political Party

An Example

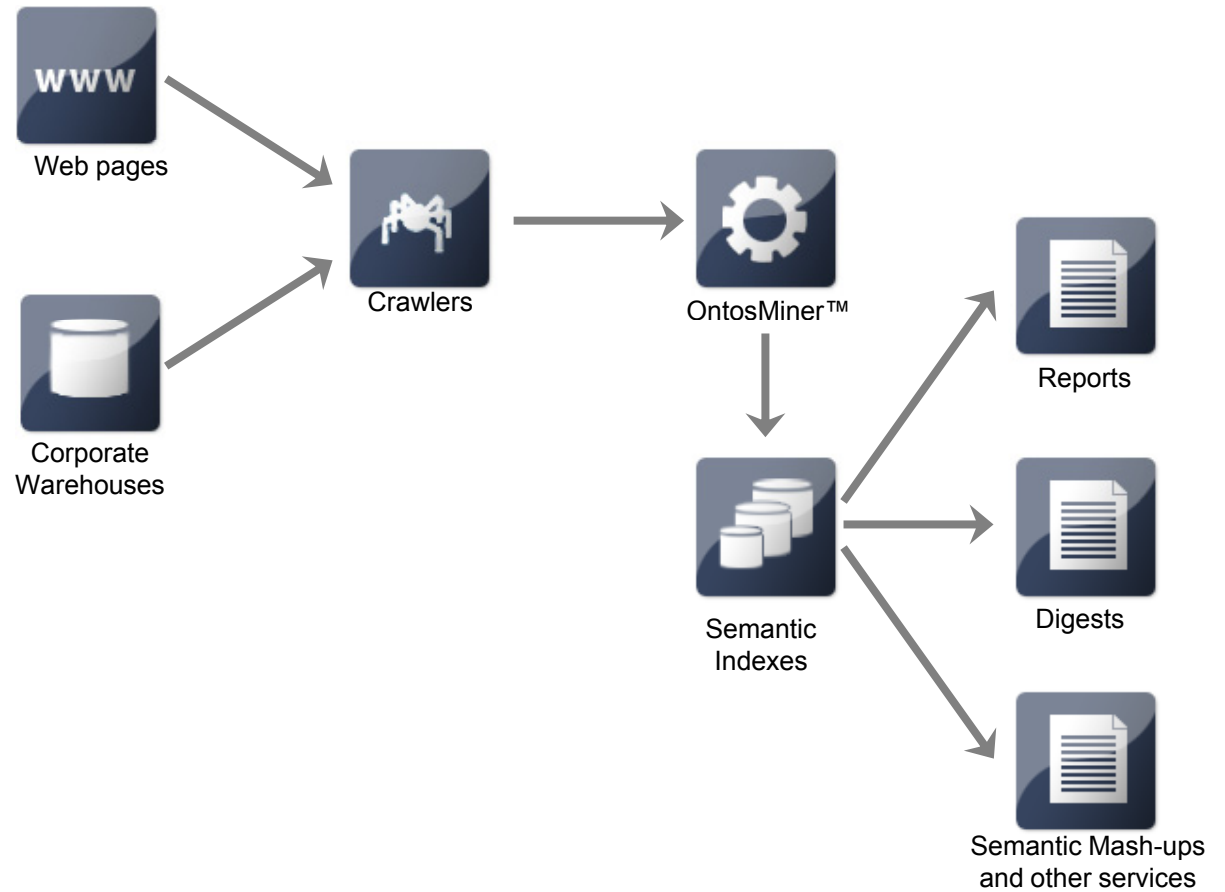
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The Platform



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- ❖ Web News Analytics (demo)

news.avicomp.com (English)

news.avicomp.ru (Russian)

news aggregation

semantic search

reports and diagrams for competitor analysis

- ❖ Semantic Web Navigation plug-in

- ❖ Widgets and embedded applications for corporate portals, CRM, e-mail clients, etc.

- ❖ Semantics-based Social Bookmarks

Key Customers

- ❖ Russian Corporation for Nanotechnology

(en.rusnano.com)

a [semantic web portal](#) aggregating data about nano-technology from various sources, allowing to research & analyze

- ❖ Russian Security Services

a stand-alone set of applications for monitoring political & social events

- ❖ Other projects for on-line media, digital libraries, and insurance companies

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AviComp Services

Vernadskogo prosp. 84, build. 2
119606 Moscow, Russia

Phone: +7 495 436-09-45
services@avicomp.com
www.avicomp.ru