

Semantic Technologies by ontoprise & NOWSHARE

Semantic Applications for SharePoint®

Do You Have Access to Your Company's Knowledge?

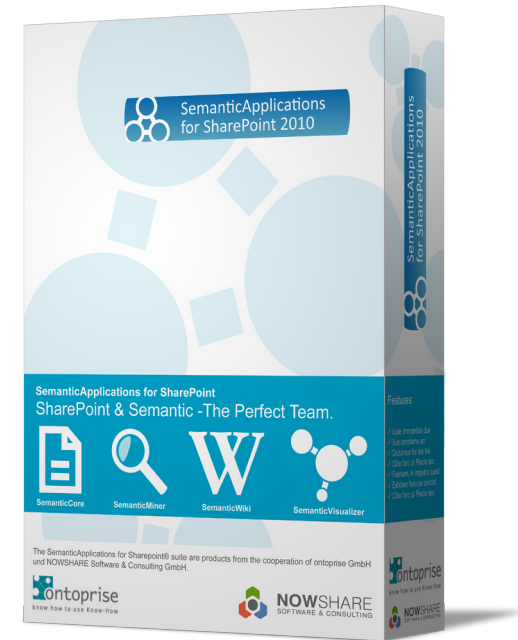
Quick access to information and knowledge is vital to a company's competitiveness. No company can afford not to efficiently reuse knowledge. Semantic Applications for SharePoint ideally combines the advantages of an extensive Enterprise Content Management System with a tried-and-tested platform for semantic knowledge integration. This combination makes it possible to simply maintain and quickly access the knowledge available in a company.

The significant advantages of a semantic approach are the flexible storage of information, dynamic navigation, a context-sensitive semantic search and the simple recording/entry of complicated interrelationships. Furthermore, it is also possible to connect external sources and integrate their contents.

Context-Sensitive Filtering and Semantic Search

Unlike standard solutions, Semantics for SharePoint can be used to flexibly structure information using a knowledge model and hence find the information required more quickly. In the process, filtering does not take place according to fixed definitions of categories, but takes place using terms from the search context that change dynamically. These are a result of the underlying knowledge model.

Furthermore, the existing search functionality is extended by aspects such as a moderated search (proposals for further search terms from the current context), dynamic navigation, auto-completion and typo-correction ("Or did you mean?"). The information and interrelationships entered can be further processed by using own rules, evaluated and, where required, further processed in systems that are connected using the Web Services. Hence a semantic knowledge Web is established.



What are the Advantages of Semantic Applications for SharePoint?

- ▶ **Simple Knowledge Recording:** Based on the knowledge model, forms are automatically created that enable knowledge to be recorded quickly and easily.
- ▶ **Flexible Administration:** Every user can store information flexibly and individually. This can be structured dynamically using the knowledge model, no matter if this information is stored in SharePoint or in a connected system.
- ▶ **Quick Access to Information:** Moderated search, dynamic navigation and a semantic filter help the user to quickly find the required information in its current context.
- ▶ **Seamless Integration with SharePoint:** All of the components are directly integrated in SharePoint and can therefore be directly accessed by the user – without the user having to get used to a changed Look & Feel of thirdparty applications.

For further information on our [Semantic Applications for SharePoint](http://www.nowshare.com/semantics-for-sharepoint/) see our Web page:

- ▶ <http://www.nowshare.com/semantics-for-sharepoint/>
- ▶ <http://www.ontoprise.de/semantics-for-sharepoint/>



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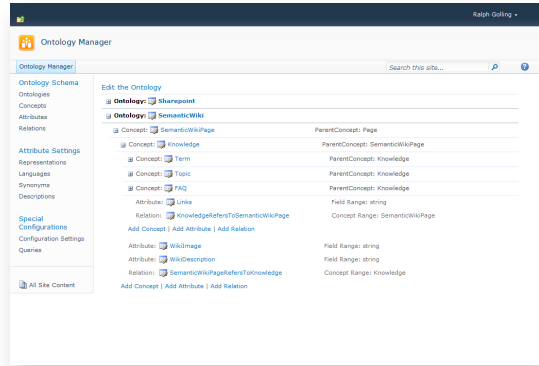
know how to use Know-how

An Overview of the Individual Components:

SemanticCore

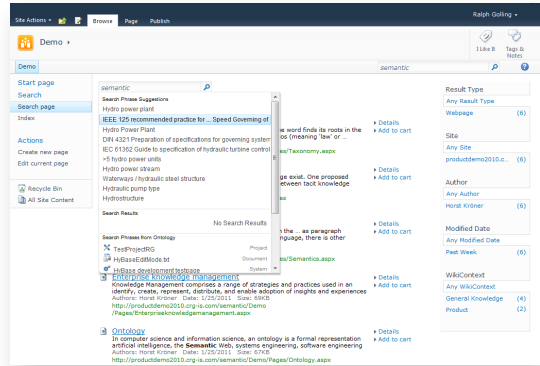
SemanticCore is the basic component of Semantics for SharePoint. It provides the basic functions for structuring, entering, and querying semantic information. In addition, the imported knowledge models (ontologies) including Web Parts & Web Services can be comfortably administered in SharePoint.

- ### Functions
- ▶ Basic component for setting up semantic knowledge management solutions
 - ▶ Concepts, attributes, relations, representations, synonyms and rules are mapped in SharePoint



SemanticMiner

The SemanticMiner combines a powerful Enterprise Content Management System with our tried-and-tested platform for semantic knowledge integration. The semantic search enables faceted and quick access to the contained knowledge.



- ### Functions
- ▶ Central semantic search for all knowledge objects
 - ▶ Semantic filter and faceted search
 - ▶ Knowledge entry using dynamic forms
 - ▶ Graphical navigation
 - ▶ Connecting external sources, such as databases, applications, file-servers, and so on.

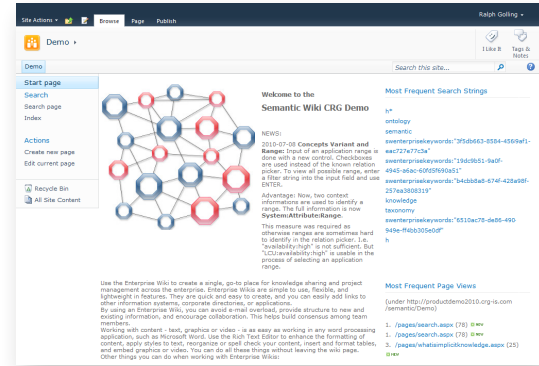
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SemanticWiki

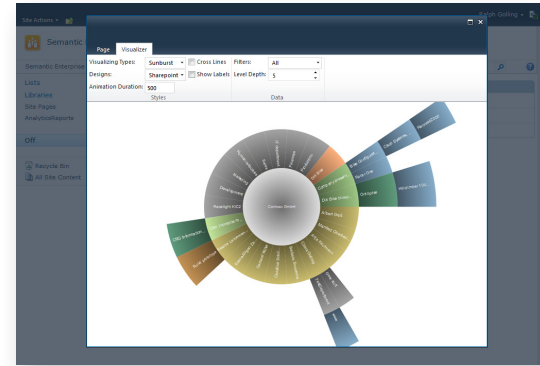
The SemanticWiki is a semantic Wiki-portal that is specially tailored to meet companies' requirements. It thereby combines the advantages of a semantic Wiki with the advantages of SharePoint and hence offers the ideal tool for collaboratively entering and maintaining your company's knowledge.

- ### Functions
- ▶ WYSIWYG editors for easily creating Wiki-pages
 - ▶ Enterprise-ready: Integration of SharePoint, multilingual, CI-modifications, etc.
 - ▶ Semantic Wiki-pages via assigned object types
 - ▶ Automatic evaluations of the contained information
 - ▶ SharePoint Content Management functions



SemanticVisualizer

The visualization of complicated interrelationships is an important decision-making tool. Particularly in the case of the many links in semantic knowledge models, a graphical view supports the user when entering/recording the interrelationships.



- ### Functions
- ▶ Visualizing ontologies
 - ▶ Displaying explicit and implicit information
 - ▶ Different visualization options
 - ▶ Simple modification and extension using open standards
 - ▶ Usage also on mobile end devices (Smartphone, Tablet, and so on)

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