

Compound Term Processing

Compound Term Processing automatically identifies the word patterns in unstructured text that convey the most meaning and uses these higher order terms to improve precision with no loss of recall. The algorithms adapt to each customer's content and they work in any language regardless of vocabulary or linguistic style. The generation of metadata based on concepts extracts compound terms and keywords from a document or corpus of documents that are highly correlated to a particular concept. By identifying the most significant patterns in any text, these compound terms can then be used to generate non-subjective metadata based on an understanding of conceptual meaning.

Automatic Semantic Metadata Generation

Automatic semantic metadata generation enables an organization to extract compound terms, acronyms, and keywords from a document and/or corpus of documents. When these compound terms, acronyms, and keywords are prevalent within a particular document, that document is automatically 'meta-tagged' eliminating the requirement for an individual to subjectively apply metadata to the properties of a document.

Automated Classification & Taxonomy Management



Automated classification ensures content is classified to a corporate standard, enforces governance, assists with retention, compliance, enhances the search experience, increases findability and reduces risk. The automatic classification feature is also used to build and maintain the corporate taxonomies. Designed for Subject Matter Experts the taxonomy management has been proven to reduce taxonomy development by up to 80%. Features include the ability to develop controlled vocabularies, support for multiple taxonomies, auto clue suggestion, dynamic screen updating, and document movement feedback to see the cause and effect on the documents without re-indexing.

Content Type Support & Automatic Content Type Updating

conceptClassifier for SharePoint fully supports the use of Content Types to structure content and identify the type of document regardless of its physical site or library storage location. The ability to assign taxonomies to specific Content Types is also provided. Documents that correspond to the selected Content Types will be classified and documents that do not correspond to a content type or do not include defined metadata elements of a specific content type will not be classified. The ability for administrators to manually define metadata values according to some portion of the taxonomies defined in conceptClassifier for SharePoint is included.

An add-on feature includes the ability to automatically change the Content Types based on the identification of pre-defined metadata during the classification process. This is particularly useful in records management and data privacy and security. This provides the ability to develop a series of actions that can occur when content contains specific metadata as defined by the organization.

Microsoft Enterprise Search & FAST Integration

conceptClassifier for SharePoint is fully integrated with Microsoft Enterprise Search, SharePoint search, and FAST ESP and does not need a separate index. Both faceted and taxonomy based navigation can be used.

On the fly classification of internal & external content is an optional feature that will automatically classify content from SharePoint, file stores, Exchange Public folders, and websites to provide a single integrated view of content regardless of where it resides.

The ability to preview the search results from within SharePoint enables end users to click on a button that will highlight the concepts found within documents, email files and their attachments without having to open the originating application.

Office Integration

Content is automatically classified from within Microsoft Office applications. Based on appropriate security knowledge workers can modify the classification from within the familiar Office interface.

Implementation

The product can be installed in approximately 20 minutes, requires no programmatic support, and all functionality can be turned on or off using standard Microsoft SharePoint controls. The technologies are fully SOA compliant and the API is based entirely on Web Services.





conceptClassifier for SharePoint

Improving Business Outcomes in SharePoint

Business agility, informed decision making, improved business outcomes, and corporate governance are challenges becoming inseparably entangled in the inability to manage content. Enterprises are struggling with lending structure to content that can be tightly coupled to business processes. Content is the lifeblood of an enterprise, created because of business processes, changed through business processes and ultimately drives the business processes. Finally, a technology that improves business outcomes, rapidly, easily, and effectively.

Isn't that what you were looking for?



Enterprise Content Management

Enterprise Content Management should be transparent to end users. The infrastructure must lend structure to content and deliver a consistent method for organizing, categorizing, and finding the right information. The primary issue is the inability to capture rich conceptual metadata that can subsequently be used to identify the relationships and links between different pieces of content so it is easily found and managed appropriately.

Automatic semantic and compound term metadata is automatically generated when content is created or ingested and automatically classified to one or more taxonomies. The taxonomy management tools are easy-to-use, rapidly deployed, and easily maintained by Subject Matter Experts.



Enhancing Findability in Microsoft Search and FAST

Only 50% of content is correctly indexed, meta tagged or efficiently searchable causing recreation of content instead of re-use, the inability to find information, and impacts business decision making. The automatically generated semantic metadata can be used by Microsoft Search and FAST to improve the search results for the end-user. The text preview capability enables end users to see the results of their query from within the search interface, without having to open the originating application.

Records Management - Compliance & Governance

It is estimated that 85% of data is unstructured and challenges abound in developing a comprehensive and sustainable Records Management solution. The biggest reason for failure is end user acceptance to add metadata tags to provide context to the content.

As content is created or ingested, semantic metadata is automatically generated and classified to a taxonomy based on the Records Retention Schedule. Using custom workflows developed in SharePoint, when a match is detected the document is automatically moved to the Records Center and a link to the document back in the library where it was uploaded. End users no longer need to apply metadata or optionally, specified users can be given the authority to change the classification when the document is created or modified.

Data Privacy & Security

Augmenting traditional security products and compliance processes the technology can be used to discovery unknown data privacy exposures. Documents containing the organizationally defined metadata can be automatically tagged and locked down in the MOSS Records Center and made available to selected users using Windows Rights Management for further disposition and analysis.



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