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conceptClassifier for Office 365 Platform Overview

The full feature set of the conceptClassifier for SharePoint platform is available for Office 365. It supports all versions of Microsoft Online and Office 365. The platform is installed as a sandbox solution comprising the following components.

Core Platform Components

conceptClassifier
Both automated and manual classification is supported to one or more term sets within the Term Store and across content hubs.

conceptTaxonomyManager
Is an advanced enterprise class, easy-to-use taxonomy and term set development and management tool. It integrates natively with the SharePoint Term Store, reading and writing in real time ensuring that the taxonomy/term set definition is maintained in one place only – the SharePoint Term Store. Designed for use by a Subject Matter Expert, the Term Store and/or taxonomy is easily developed and refined.

conceptSearch Compound Term Indexing Engine
Licensed for the sole use of building and refining the taxonomy/term set, the engine provides automatic semantic metadata generation that extracts multi-word terms or concepts, together with keywords and acronyms.

Typical Recommended Base Configuration
- Windows 2008 Server configured for 64 bit processing, with IIS and ASP.NET (v2) installed
- Any modern 64 bit CPU
- Windows 2003/2008/2012 x64 Edition
- 8GB RAM (recommended)
- .NET Framework V3.5 /4.0
- Access to SQL Server (2005 or later) or Oracle (9i or later)
- IIS 6 with Metabase enabled
- MS Office 2010 64-bit iFilter pack. Adobe or Foxit PDF 64-bit iFilter pack
- High speed disk, RAID Array or SAN

Supports
- Microsoft Online
- Microsoft Office 365
- OneDrive for Business

- Can be deployed in on-premise, cloud, or hybrid environments

Technology
The product is based on an open architecture, with all APIs based on XML and Web Services. Transparent access to system internals including the statistical profile of terms is standard.

In the SharePoint and Office 365 environment, maintains term set GUIDs between environments.

Optional Platform Components

conceptSQL
Provides a facility to define a document structure based on information held in a Microsoft SQL Server or Oracle database. The document can include any number of text and metadata fields and can span multiple tables if required. conceptSQL supports SQL 2005, SQL 2008, and SQL 2012. A powerful but easy to use configuration tool is supplied without the need for any programming. Templates are provided for out-of-the-box support for Documentum, Hummingbird and Worksite/Interwoven DMS.

conceptTaxonomyWorkflow
Can perform an action on a document following a classification decision when the criteria are met. The workflow source type works in SharePoint 2007, 2010, and 2013, as well as all document types, including FILE and HTTP document types. This product is available in SharePoint and non-SharePoint environments and has a plugin architecture, enabling clients and integration partners to easily build plugins for both content sources and destination sources.

Additional Classification Servers (Optional)
Provides scalability of classification to increase speed of classification throughput, especially when classification on the fly is an important requirement.

Applications

Intelligent Document Classification
Functionality provided via the conceptClassifier for Office 365 platform. Classifies documents based upon concepts and multi-word terms that form a concept. Automatic and/or manual classification is included. Content can be classified not only from within Office 365 and SharePoint but also from diverse repositories including file shares, Exchange public folders, and websites. All content can be classified on the fly, in real time, and classified to one or more taxonomies. Knowledge workers with appropriate security rights can also classify content in real time on a one off basis.

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Search Engine Integration

Functionality provided via the conceptClassifier for Office 365 platform to integrate with SharePoint and Office 365 search. Provides multi-term metadata to the search engine index to improve the search experience for business users. Also provides searching via the taxonomy hierarchy to expose highly correlated information that typically would not be found.

Migration

Using the conceptClassifier for Office 365 platform, an intelligent approach to migration can be achieved. As content is migrated, it is analyzed for organizationally defined descriptors and vocabularies, which will automatically classify the content to taxonomies, or optionally the SharePoint Term Store, and automatically apply organizationally defined workflows to process the content to the appropriate repository for review and disposition. Optional platform component conceptTaxonomyWorkflow is required to apply action on a document and change content types.

Records Management

The ability to intelligently identify, tag, and migrate documents of record to either a staging library and/or a records management solution is a key component to driving and managing an effective information governance strategy. Taxonomy management, automatic declaration of documents of record, auto-classification, and semantic metadata generation are provided via the conceptClassifier for Office 365 platform and the optional platform component conceptTaxonomyWorkflow.

Data Privacy

Automatic identification of unknown privacy or confidential information exposures as content is created or ingested. Includes all standard descriptors as well as organizationally defined privacy or confidential triggers. Optional platform component conceptTaxonomyWorkflow is required to route the exposures to the appropriate secure repository for disposition.

eDiscovery, Litigation Support, and FOIA

Assists in adding value to the search process and in the identification of highly correlated information. Provides vocabulary normalization and the identification of specific concepts and verbiage within content. Works with the eDiscovery capabilities in Office 365 or can be integrated into an eDiscovery application. Provides the ability to rapidly develop a taxonomy aligned with the specific search criteria to eliminate unwanted content noise and irrelevant content.

Text Analytics

The conceptClassifier for Office 365 platform provides the framework to analyze and extract highly correlated concepts from very large document collections. This enables organizations to attain an ecosystem of semantics that delivers understandable results. Can also be used to cleanse the content before analysis. A third party Business Intelligence or reporting tool is required to view the data in the desired format, or can be developed in-house.

Social Networking and Collaboration

The conceptClassifier for Office 365 platform provides improved collaboration outcomes by providing insight into content; can group similar users, concepts, and content together; identifies people with expertise, knowledge or interest in a topic; and protects and secures confidential information from unauthorized users. Provides the framework that enables access to relevant and accurate information at a granular level, resulting in a consistent understanding of the value and context of information. Integration with social networking tools can be accomplished if the tools are available in .NET.

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