ISYS:web.asp V6

The ISYS:web.asp search solution is designed to enable the customization of the search process, specifically for integration into web applications using Microsoft Internet Information Server (IIS). Offered as a plug-in search module to the IIS environment, ISYS:web.asp offers a similar level of functionality to ISYS:web while providing an even greater level of flexibility.

What are the benefits of ISYS:web.asp?

When your search project calls for a high level of customization and interoperability, ISYS:web.asp serves as the perfect tool for integrating powerful, comprehensive search and retrieval technology. The product is designed to enable the insertion of business rules or custom features into the standard ISYS search process. For example, database information from a SQL table can be linked to ISYS results, so that users can link to related information from other sources. Or, business logic can be applied to control how content is displayed. Any application requiring control over the search results can benefit from ISYS:web.asp.

As with other products in the ISYS suite, ISYS:web.asp is driven by a sophisticated relevancy algorithm and supports a variety of query methods, including natural language, Boolean and proximity, and fielded query for searching metadata. ISYS.web.asp can also be configured to enable navigation of search results by concept.

Who uses ISYS:web.asp?

The primary users of ISYS:web.asp are organizations that require more advanced functionality in their search solutions, and whose web applications are based on the IIS platform, whether their programming environment is ASP, VB or C#. Everyone from online recruitment sites to national tourism authorities have deployed ISYS:web.asp to offer a high level of configuration and search sophistication.

How does ISYS:web.asp work?

ISYS:web.asp is a plug-in search module to the Microsoft Internet Information Server (IIS) environment and is integrated using Active Server Pages (ASP).

ISYS:web.asp supports the Microsoft .NET framework, thus enabling ASP.NET developers to interface directly with the core ISYS engine and power their web-based applications with robust search and retrieval features. The product offers a simple set of instructions and examples to help ASP.NET developers achieve this level of interoperability. IIS and ASP skills are required in order to integrate ISYS:web.asp.

ISYS:web.asp Features

ISYS:web.asp comprises a simple yet powerful set of objects that are easily accessible to the ASP developer. The software incorporates the following features:

- **Manipulation of data.** Developers can establish relationships between ISYS indexes and other data sources such as SQL databases, providing supplementary information to search results.

- **More than one way to search.** ISYS understands that different users want different kinds of search methods. Various methods are available, ranging from Concept Tree mode through to the advanced Command-Based mode using the ISYS Query Syntax, all providing for phrase matching, Boolean and proximity operators, and metadata searches.

- **Script-based results customization.** ISYS:web.asp provides the ability to use scripting to customize the results displayed by ISYS. Customization can involve the filtering of results or the application of business rules to the results displayed. Proprietary security can be imposed or lookups can be implemented into a document management system or proprietary application.

- **Customizable user interface.** ISYS:web.asp offers a completely customizable user interface so that the search screens can be integrated seamlessly into a website's look and feel.

    o **Context view.** For each document in the list, it is possible to display a brief extract of every occurrence of the search terms.

    o **Hit highlighting** can be implemented in order to display each search term with a highlighted background; similarly hit-to-hit navigation provides the ability to jump from one hit to the next with a single click.

    o Developers can elect to offer functionality such as **result sorting** and **search within results** to enable users to better refine their results. ISYS' **filtering** function is also available, to display only those results with a specified file name, file path or date.

- **IIS security** integration. The entire IIS security framework is automatically and transparently enforced, including the integrated Windows Security. This integration is completely seamless, avoiding the multiple login issues of many other web server integrations.

- **Polymorphous search.** ISYS searches every type of data, including unstructured or full-text, semi-structured and structured; more than 125 formats are supported and 30 different languages.

- **Intelligent language interpretation.** ISYS compensates for variations in word tense, styles of expressing numbers and dates, spelling and scanning errors, and synonyms.

Microsoft Office
XML   PDF
WordPerfect documents
Email Messages
FTP   ZIP
Lotus Notes/Domino
Oracle Databases
HTML
ACT! Files
HTML meta-tags
Email attachments
MP3
Document Summary Profiles
SQL Databases

Key specifications

- Windows platform (FTP access to UNIX systems)
- Unlimited indexes
- Search 64 indexes at once
- 32 million documents per index
- Typical indexing speed: 100Mb/min
- 125+ file formats
- Windows NT Security support