

iCommNet KC Natural Language Processor



1. KC Natural Language Processor Technology

iCommNet® Knowledge Communicator™ (KC) Search is an intelligent, linguistics-based, precision search technology that delivers the most relevant search results to enterprise customers in real time. The powerful KC Natural Language Processor™ drives this precision search technology.

KC Natural Language Processor is highly adaptable, scalable, and domain-agnostic. iCommNet created proprietary programming languages, compilers, and a runtime environment to keep KC Natural Language Processor domain-agnostic. Intrinsic Knowledge Language™ specifies language- and domain-specific knowledge cells; Behavior Specification Language™ defines behavior rules such as full grammar rules for English and application-specific domain rules.

Re-hosting KC Natural Language Processor to new applications is also simple. You can update application-specific domain rules and action libraries and then compile such rules with the Intrinsic Knowledge Language and Behavior Specification Language Compilers, creating a new KC Natural Language Processor re-hosted for a new application.

KC Natural Language Processor is simple to integrate with wide-ranging host applications, e.g., text- or audio-driven Web applications or stand-alone applications in the cloud computing or conventional client/server paradigm. KC Natural Language Processor is also well suited for text- or audio-activated embedded systems.

2. Knowledge- and Linguistics Precision Search Engines

The KC Natural Language Processor technology is what powers iCommNet KC precision search engine products. KC Search is an intelligent, linguistics-based, precision search technology that delivers the most relevant search results to enterprise customers in real time.

KC Precision Search returns the most relevant results from a multitude of documents. With KC Precision Search, you can simply describe what you are searching for in plain English to obtain narrow and specific results.

KC Fine-Grain Search is a knowledge-based search that is fully integrated with KC Precision Search. While KC Precision Search returns the most relevant results from a multitude of documents, KC Fine-Grain Search conducts a fine-grain search and highlights the most relevant sentences or phrases within those results or within each document selected.

KC Remote Search supports deep and incremental search, analyzing a large volume of documents for sentences matching the meaning of exemplars—linguistic elements that contain the meanings. KC Remote Search is fully integrated with KC Precision Search and KC Fine-Grain Search.

With powerful linguistics technology, KC Natural Language Processor makes enterprise search engines precise and intelligent.

For more information, contact us at (512) 341-7313 or info@icommnet.com