

Virtual Genetics launches the next generations search engine - Sentensa

Sentensa is a new product that uses unique technology to search all kinds of text and databases. Sentensa is being launched as an Open Source product, which means that it is free and available for downloading via Internet. Sentensa's dynamic, web-based technology is adapted for safe, multi-user application.

Sentensa, has used 20 years experience in search technology to create the next generation search motor. Users have the ability to use totally new ways of searching amongst very large text databases. The name Sentensa was chosen in order to describe how that it takes into account search text's underlying significance to find the most relevant search results. Searches become much faster and effective, which make Sentensa applicable in many different markets, from the pharmaceutical industry to media and general document handling. Users can, with help from Sentensa, create advanced applications for searching in all kinds of text, which can be used by many users at the same time.

- Sentensa is supplied as Open Source, which means that it is free of charge and may be downloaded through Internet. Users may contract for support from Virtual Genetics and its partner Contactor Data, says Bo Lindström, President Virtual Genetics.

- Open Source is growing stronger and gives even smaller companies the possibility to compete with more established companies, at a low cost. Even very large companies and organizations are using Open Source programs, more and more, concludes Bo Lindström.

Technical Information

Sentensa is a platform and web browser-based search engine, totally written in Java. The system consists of a web-browser interface that can handle many users, a spider that runs through Internet, an indexing application and search engine. Sentensa supports amongst other features, probabilistic searching and ranking as well as traditional bibliographic access. Users have the use a number of new functions and help tools to construct complex search arguments. The indexing technology used is a hybrid between hash-based and sort-inversion methods which has resulted in very effective and compact indexing.

The web interface is based on a modern servlet architecture that makes possible safe and effective access to the functions that the system offers. The Java standard rmi is used for the client-server protocol. Sentensa requires that a servlet-server is installed(for example the Tomcat application, which is also Open Source). Sentensa also has a well defined API. Input to Sentensa is in the form of XML files that contain the records that shall be indexed. A so called Spider converts, for example PDF files to XML that can then be searched.

For further information, contact

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Sentensa, that has been developed by Virtual Genetics, Asimus and Contactor Data, is available as Open Source through www.sentensa.com. Also visit: www.vglab.com

Virtual Genetics AB is an IT company that develops software that is delivered as Open Source. Customers can obtain Virtual Genetic's Sentensa as free software that considerably simplifies searching and analysis of large amounts of information.