



**PolyMeta** is general purpose meta-search and clustering engine.

PolyMeta enables organizations and individuals to simultaneously search diverse information resources on the Web with a common interface. The search results are merged, ranked and presented in relevance order.

PolyMeta employs powerful natural language processing algorithms to identify key concepts in the retrieved content and it presents the result clusters in the form of a meaningful Table of Contents to achieve increased precision and relevance for the user.

### **Key Features of PolyMeta**

- Allows customers to configure access to an arbitrary number of Web accessible information resources which can be grouped into different search categories as desired by the customer
- Sophisticated proprietary merging and ranking algorithms
- Powerful and dynamic conceptual and contextual analysis and clustering of retrieved content based on proprietary linguistic (lexical-morphological, syntactic, semantic and pragmatic) and statistical text processing techniques
- Flexible administrative subsystem to support diverse target database configurations, user access and services and interface options
- Automatic change detection and reconfiguration of search target databases
- Platform independence (Java technology) and support for multiple operating systems (Windows, Linux, Solaris)

### **Representative Customers and Applications**

National Library of Medicine, meta-searching of diverse health and environmental toxicology databases: <http://toxseek.nlm.nih.gov>

Naval Postgraduate School of the United States Department of Defense, Homeland Security Digital Library (intranet deployment)

University of Debrecen, Hungary: simultaneous searching and clustering of licensed ("Hidden Web") and free "Open Web" databases (search engines, news, books, scientific literature, image databases and multimedia). Intranet deployment

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