InfoCodex
Semantic Technologies

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Short Instruction for Search and Find with InfoCodex

Start URL on the demo server: *yourservername*/infocodex6.html e.g. https://demo.infocodex.com

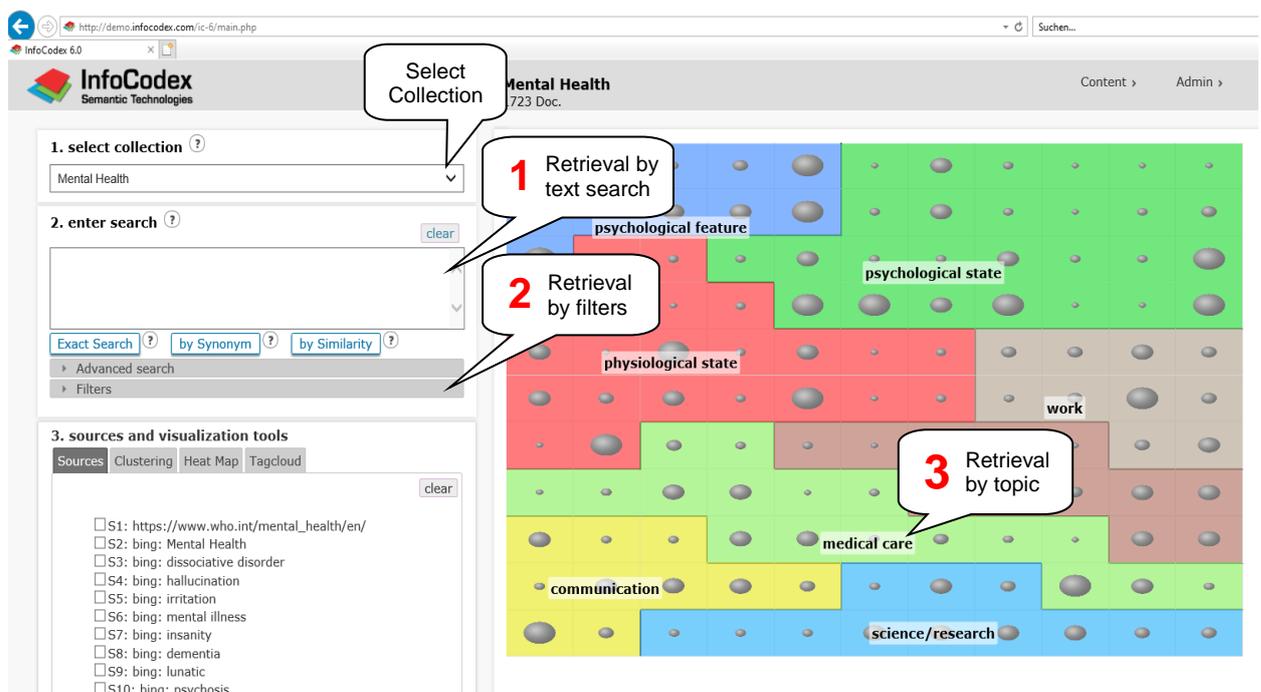After the login you will see the search mask where you can select a document **collection**.

A collection is a set of documents gathered from various document sources: File server, Internet (web sites, results of Internet search engines), e-mails and local folders.

InfoCodex supports different search strategies (isolated or combined):

1. *Search with keywords or any free text in three different ways:*
   Exact search   corresponding to the traditional full text search
   Synonym search   semantic and cross-lingual search (EN/DE/FR/IT/ES)
   Similarity search   thematic comparison between the query text and the existing documents
   Additionally, search by document properties such as author, date range or document source.

2. *Retrieval by filters*
   In addition to the standard filters (sources, persons, organizations, locations), the optional setting of other filters is supported (customer IDs, concept filters etc.).

3. *Retrieval by thematic topics (clusters or heat map)*
   When documents are imported into a collection, InfoCodex's text analysis module understands the content of the documents well enough so that it can automatically categorize the documents by thematic topics and arrange them into logically structured "book shelves". This enables a targeted search which is particularly helpful in the case of large result lists.
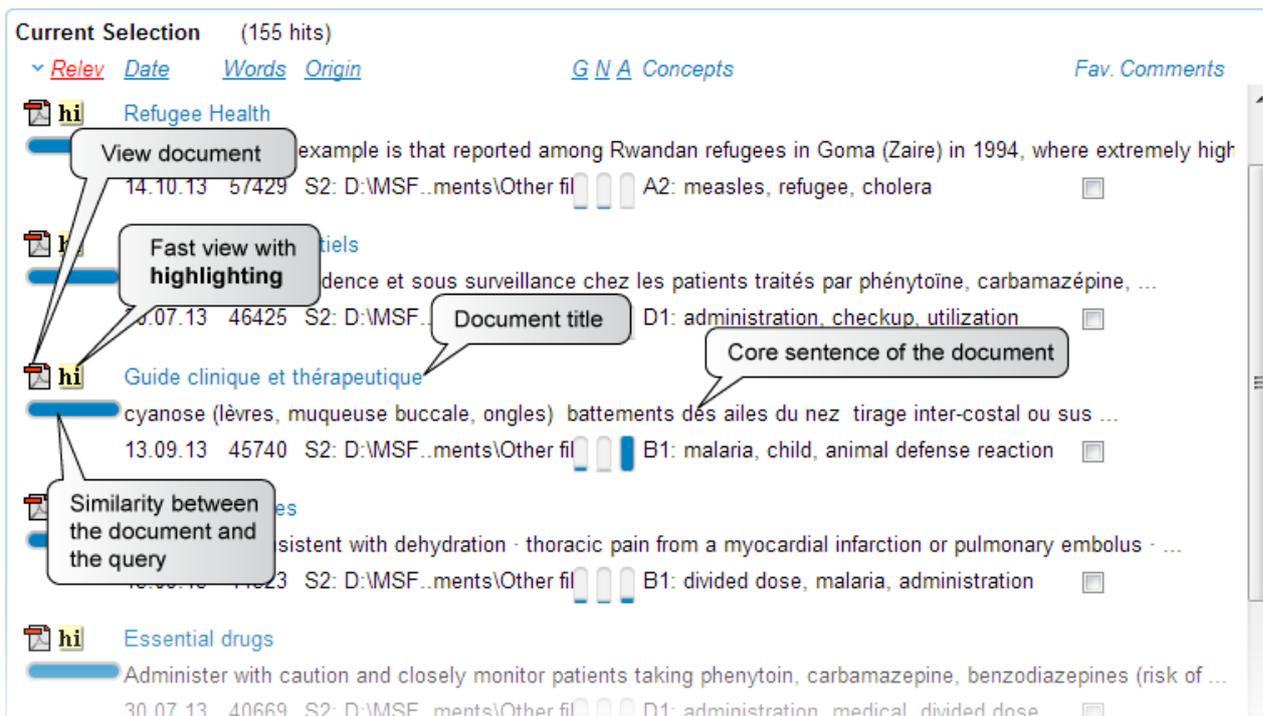
Search Result List

The found documents are listed in the lower part of the screen. The assessment of the hits is facilitated by the following means:

- The documents are ordered by **similarity** with the query text (objective ranking on the basis of the patented similarity measure of InfoCodex).
- The similarity is graphically visualized with the horizontal bar:
- For each document, the **title** (in blue) and the **"core sentence"** of the document are displayed.
- This information is supplemented by the **document date**, the **number of words**, and the three most important **concepts** (main thematic topics).
- With a click on the document title the automatically generated **abstract** (summary) and the 18 most relevant **descriptors** (keywords) are shown. This facilitates the browsing of search result lists and saves time in finding the relevant documents.
- To show the original document click on the document symbol
- With the symbol **hi** a fast HTML view of the document with **highlighted** search terms is displayed.
- By clicking the similarity bar you will get a **visual representation of the similarity** between the document and the query text.
- The symbol *2 below a similarity bar indicates that two very similar documents are summarized into a **document family**
  → substantial reduction of document lists, because multiple (almost identical) documents occupy only one position in the search result list.