XQUERY FULL TEXT

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" As XML becomes mainstream, users expect to be able to search their XML documents. This requires a standard way to do full-text search, as well as structured searches, against XML documents."

— XQuery and XPath Full Text 1.0

contains text

for $b in /books/book
where $b/title contains text ("dog" using stemming) ftand "cat"
return $b/author

Positional Filters

- "It was many and many a year ago, In a kingdom by the sea, That a maiden there lived whom you may know By the name of Annabel Lee; And this maiden she lived with no other thought Than to love and be loved by me." contains text "sea" ftand "kingdom" all words same sentence

- "It was many and many a year ago, In a kingdom by the sea, That a maiden there lived whom you may know By the name of Annabel Lee; And this maiden she lived with no other thought Than to love and be loved by me." contains text { "maiden", "live" } all using stemming same paragraph

Match Options

- /books/book/title contains text "usability"

  - *using language "de"*

  - *using no wildcards*

  - *using no thesaurus*

  - *using no stemming*

  - *using case insensitive*

  - *using diacritics insensitive*

  - *using no stop words*

Stopwords

- "Nevertheless, she persisted" contains text "still she persisted" using stop words at "http://files.basex.org/etc/stopwords.txt"

- "propagating few errors" contains text "propagating of errors" using stop words at "http://files.basex.org/etc/stopwords.txt"

Thesaurus

- *equivalence relationships (synonyms):*

  - *PREFERRED TERM (USE); NONPREFERRED USED FOR TERM (UF)*

- *hierarchical relationships:*

  - *BROADER TERM (BT); NARROWER TERM (NT), BROADER TERM GENERIC (BTG), NARROWER TERM GENERIC (NTG), BROADER TERM PARTITIVE (BTP), NARROWER TERM PARTITIVE (NTP), TOP Terms (TT)*

- *associative relationships:*

  - *RELATED TERM (RT).*

https://dev.w3.org/cvsweb/~checkout~/2007/xpath-full-text-10-test-suite/TestSuiteStagingArea/TestSources/usability.xml?rev=1.8;content-type=application%2Fxml