

CIVICA

Transforming the way you work



Spydus Relevancy

OPAC

Relevancy in the Spydus OPAC

Relevance is achieved by sorting the retrieved results set using the ranking facilities provided by Microsoft SQL Server full-text-search (FTS), matching the search terms in the title and author fields in combination with the descending date of publication. Patrons are also able to sort the retrieved set independently by date of publication (ascending and descending) and descending number of loans (i.e. popularity).

The search results are first sorted based on descending relevancy ranking (provided by FTS) of Heading, Author name or creator name (for archives). Then the results are sorted based on the published or created date depending on the record type and finally it is sorted based on the internal record number (IRN) order descending.

Here's an example of a sorted search result searching for the phrase "ROWLING J K" with some additional columns that are used to calculate the sort order.

Heading	Heading Rank	Author	Author Rank	Publication Date	IRN
Harry Potter and the Order of the Phoenix /; J. K. Rowling	35	Rowling, J. K.	35	2007	70936060
Harry Potter and the philosopher's stone /; J.K. Rowling	35	Rowling, J. K.	35	2003	70921069
Harry Potter and the Goblet of Fire : adult audio	NULL	Rowling, J. K.	35	UUUU	69893184
Harry Potter und der Stein der Weisen	NULL	Rowling, J. K.	35	UUUU	69549019
J.K. Rowling : a biography	35	Smith, Sean	NULL	UUUU	69512994
Harry Potter and the philosopher's stone	NULL	Rowling, J. K.	35	UUUU	69512642
Harry Potter aur paras pathar	NULL	Rowling, J. K.	35	UUUU	69509379
Harry Potter es a titkok kamraja	NULL	Rowling, J. K.	35	UUUU	69506554
Harry Potter es a tuz serlege	NULL	Rowling, J. K.	35	UUUU	69506530

Harry Potter es a bolcsek kove	NULL	Rowling, J. K.	35	UUUU	69506503
Harry Potter es az azkabani fogoly	NULL	Rowling, J. K.	35	UUUU	69506498

The 'HEADING RANK' and 'AUTHOR RANK' are values calculated by SQL Server full-text search functionality¹.

MARC

The Heading is populated from the 245 MARC tag.

The Author is populated from the 100s,700s or 800s MARC tags, depending on the resource.

The Publication date is populated from the 008/07 – 11, MARC tag.

¹ More detailed and official documentation on this can be found here - <https://docs.microsoft.com/en-us/sql/relational-databases/search/full-text-search?view=sql-server-2017>