

EXAMPLE

Title: proximity search operator for fulltext search in Primo Central

Describe the functionality being requested:

A proximity operator. e.g. ["yeast bread"~10] finds material where "yeast" and "bread" appear within 10 words of each other.

A proximity operator allows a researcher to specify that their search terms are present in records within a specified number of words from each other.

Technical Requirements:

This tool should primarily support PNX and equivalent record metadata (both Primo via Back Office and Primo VE deployment models), but ideally would also incorporate standard existing extensions to remote data where available, including table of contents, abstracts, and full text. See Idea Exchange submission:

<https://ideas.exlibrisgroup.com/forums/308176-primo/suggestions/19308214-proximity-search-operator-for-fulltext-search-in-p>

Business reason that reflects the community or how all customers would benefit:

The most powerful feature for full text search is proximity. Summon already incorporates this feature, performed by enclosing search terms in quotation marks and using tilde and the number distance, for example "yeast bread"~10 finds material where "yeast" and "bread" appear within 10 words of each other. See

https://knowledge.exlibrisgroup.com/Summon/Product_Documentation/Searching_in_The_Summon_Service/Search_Features/Summon%3A_Boolean%2C_Phrase%2C_Wildcard_and_Proximity_Searching#proximity

Primo's search algorithm incorporates an out-of-the-box assignment of higher ranking to records where search terms are closer together, but a proximity search operator gives a researcher explicitly more control over precise targeting of their search, which would also help to build greater understanding and confidence that the results will meet their needs and aren't just from a mysterious "black box". With CDI coming soon to Primo, along with the massive increase in records, this trust building will be even more important to support researchers with tools to help sift through billions of results.

Proximity search is currently not supported nor planned in the Primo/Primo Central roadmap.

Although as part of the search engine algorithm the proximity is being calculated and records in which the query words are closer will be rank higher.

User Story/Replication steps (with screenshots if applicable)

Example of a search in Summon (without proximity operator):

Example of a search in Summon (with proximity operator):

Example of a search in Pimo (without proximity operator):

The screenshot shows a search interface with a dark red header. The search bar contains the text "yeast bread". To the right of the search bar are icons for "Multiple Resources" and a magnifying glass. Further right, the text "ADVANC" is partially visible. Below the search bar is a yellow banner with the text "Learn more about library services during the Covid-19 pandemic" and "Sign in to get complete results and to request items". To the right of this banner are "Sign in" and "DISMISS" buttons. Below the banner, the search results are displayed. At the top left, it says "0 selected" and "PAGE 1 38,668 Results". There is a "Personalize" toggle switch. The results are numbered 1, 2, and 3. Result 1 is an article titled "Impact of new ingredients obtained from brewer's spent yeast on bread characteristics" by Martins, Z. E.; Pinho, O.; Ferreira, I. M. P. L. V. O. Result 2 is a book titled "The seaman's guide [electronic resource] : shewing how to live comfortably at Sea. Containing, among other particulars, complete directions for baking bread, Either with Yeast or Leaven, in all Situations. Recommended also to public bakers, as well as to private housekeepers. By the honourable John Cochrane." Result 3 is an article titled "Pilot Study: Comparison of Sourdough Wheat Bread and Yeast-Fermented Wheat Bread in Individuals with Wheat Sensitivity and Irritable Bowel Syndrome" by Laatikainen, Reijo; Koskenpato, Jari; Hongisto, Sanna-Maria; Loponen, Jussi; Poussa, Tuija; Huang, Xin; Sontag-Strohm, Tuula; Salmenkari, Hanne; Korpela, Riitta. Each result includes a document icon, a title, authors, publication information, a snippet of text, and action buttons like "Full text available" or "Online access".

yeast bread

Multiple Resources

ADVANC

Learn more about library services during the Covid-19 pandemic Sign in to get complete results and to request items Sign in DISMISS

0 selected PAGE 1 38,668 Results Personalize

1

ARTICLE

Impact of new ingredients obtained from brewer's spent yeast on bread characteristics

Martins, Z. E ; Pinho, O ; Ferreira, I. M. P. L. V. O

New Delhi: Springer Science and Business Media LLC

Journal of food science and technology, 2018, Vol.55 (5), p.1966-1971

“... spent yeast on physical characteristics was evaluated. β -Glucans extraction from spent yeast cell wall was optimized and the extract was incorporated on bread to obtain 2.02 g β -glucans/100...”

PEER REVIEWED OPEN ACCESS

Full text available >

2

BOOK

The seaman's guide [electronic resource] : shewing how to live comfortably at Sea. Containing, among other particulars, complete directions for baking bread, Either with Yeast or Leaven, in all Situations. Recommended also to public bakers, as well as to private housekeepers. By the honourable John Cochrane.

Cochrane, John, active 1795-1797.

London : printed for J. Murray and S. Highley, No. 32, Fleet Street 1797

Online access >

3

ARTICLE

Pilot Study: Comparison of Sourdough Wheat Bread and Yeast-Fermented Wheat Bread in Individuals with Wheat Sensitivity and Irritable Bowel Syndrome

Laatikainen, Reijo ; Koskenpato, Jari ; Hongisto, Sanna-Maria ; Loponen, Jussi ; Poussa, Tuija ; Huang, Xin ; Sontag-Strohm, Tuula ; Salmenkari, Hanne ; Korpela, Riitta

Switzerland: MDPI AG

Nutrients, 2017, Vol.9 (11), p.1215

“... and would be better tolerated than yeast fermented wheat bread for subjects with IBS who have a non-specific...”

