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.

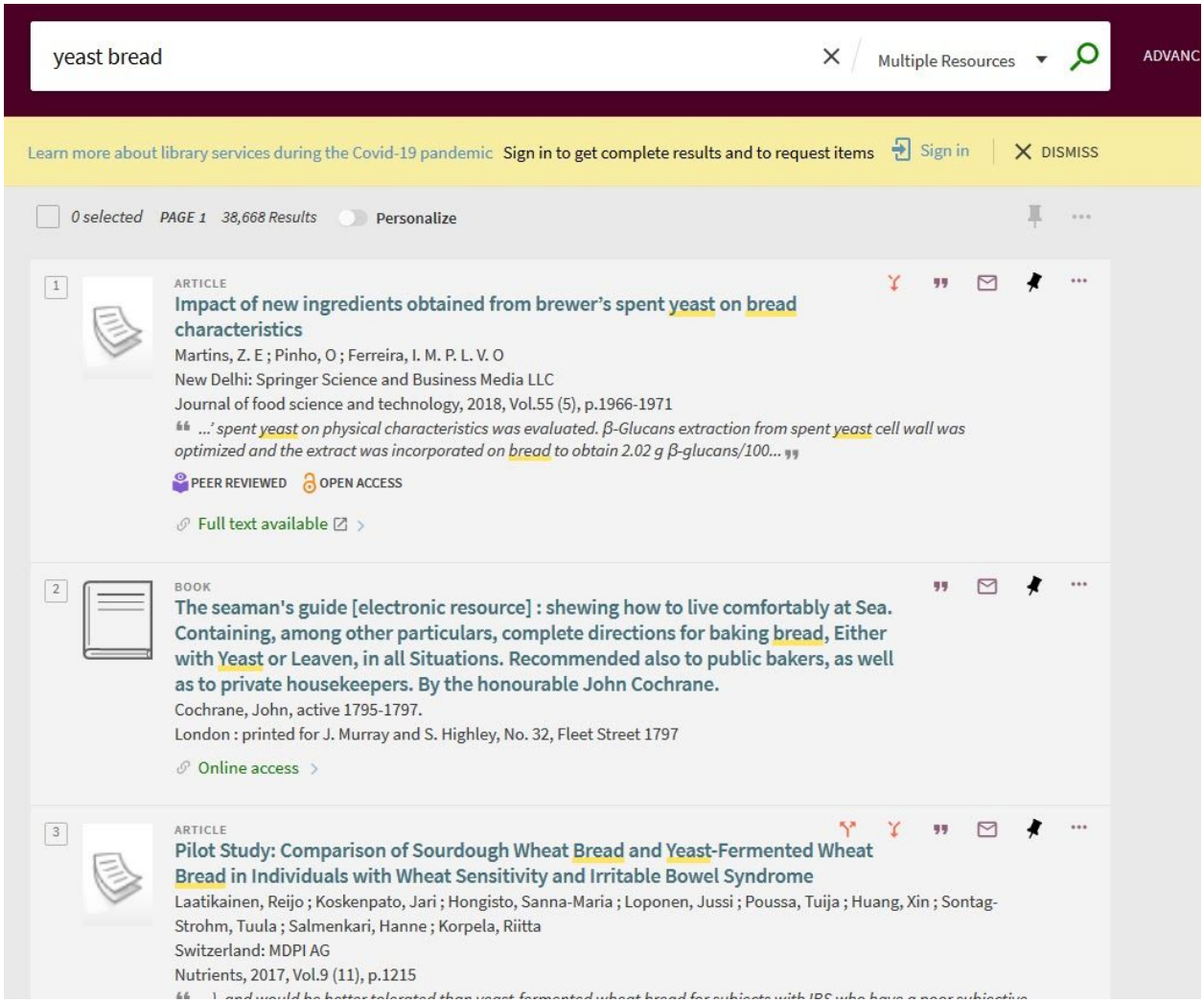
Technical Requirements:
This tool should primarily support PNX and equivalent record metadata (both Primo via Back Office and Primo VE deployment models), but ideally would also incorporate standard existing extensions to remote data where available, including table of contents, abstracts, and full text.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