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Automating systematic reviews with library systems: Are Primo and Alma APIs a pain reliever?

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Are Primo and Alma APIs a pain reliever?

Peta Hopkins, Bond University ANZREG 2018

WHAT IS SO PAINFUL ABOUT SYSTEMATIC REVIEWS ANYWAY?

- Accuracy of translating searches across database interfaces
- Volume of citations to be managed and screened for:
 - Relevance to review
 - Availability of full text and download
 - Document delivery requests

I wonder if there is a systematic review on the effect of systematic reviews on repetitive strain injury?

Sounds mind-numbing and tedious Beahler, Sundheim and Trapp (2000) describe a systematic review that retrieved >40,000 abstracts for screening.

1356 met screening criteria to look at full text

207 were included in the final review

5.(http://www.sciencedirect.com/science/article/pii/S0749379700001355)



The Centre for Research in Evidence-Based Practice goal for systematic reviews is to:

- 2 Weeks from Start to Finish
- Develop a toolset to streamline and automate processes where possible.
- The goals for automating with library systems
 - Find & download full text from subscriptions
 - Batch requests for document delivery

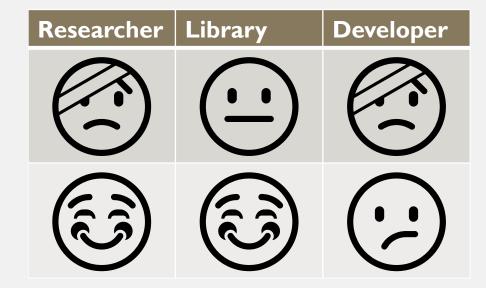
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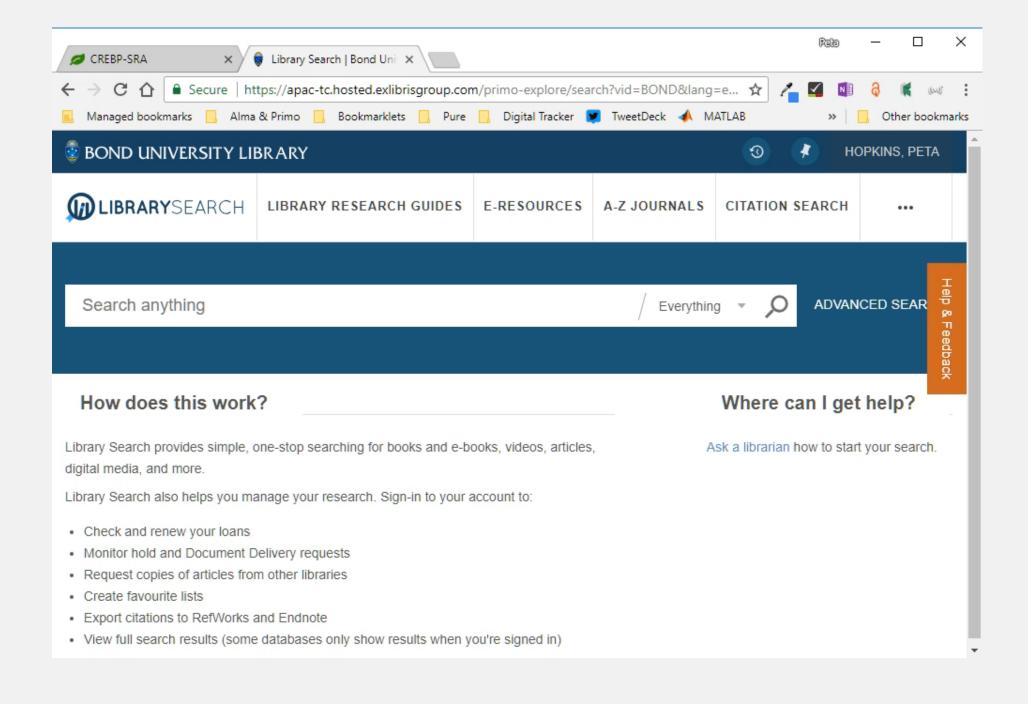
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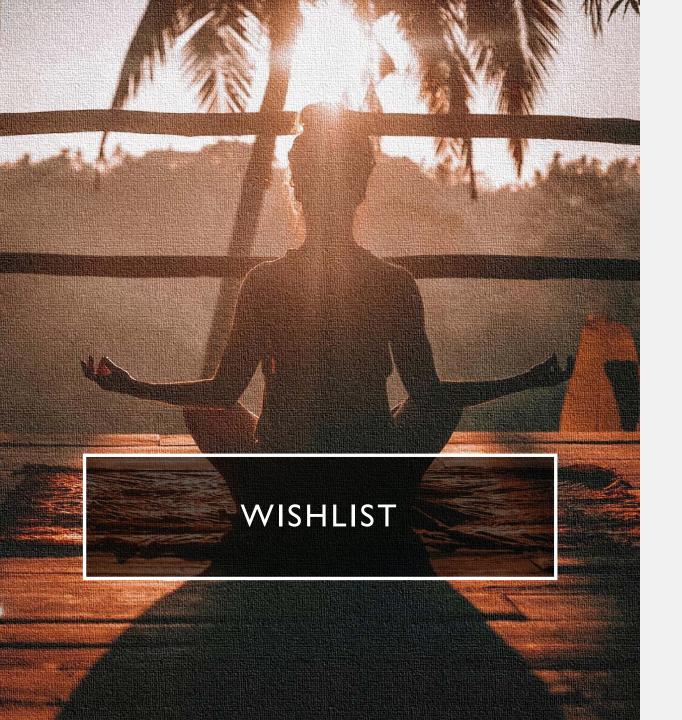
The partnership explored these questions?

 Can Primo APIs be used to find and download full text for a large set of citations?

 Can Alma APIs be used to submit document delivery requests?

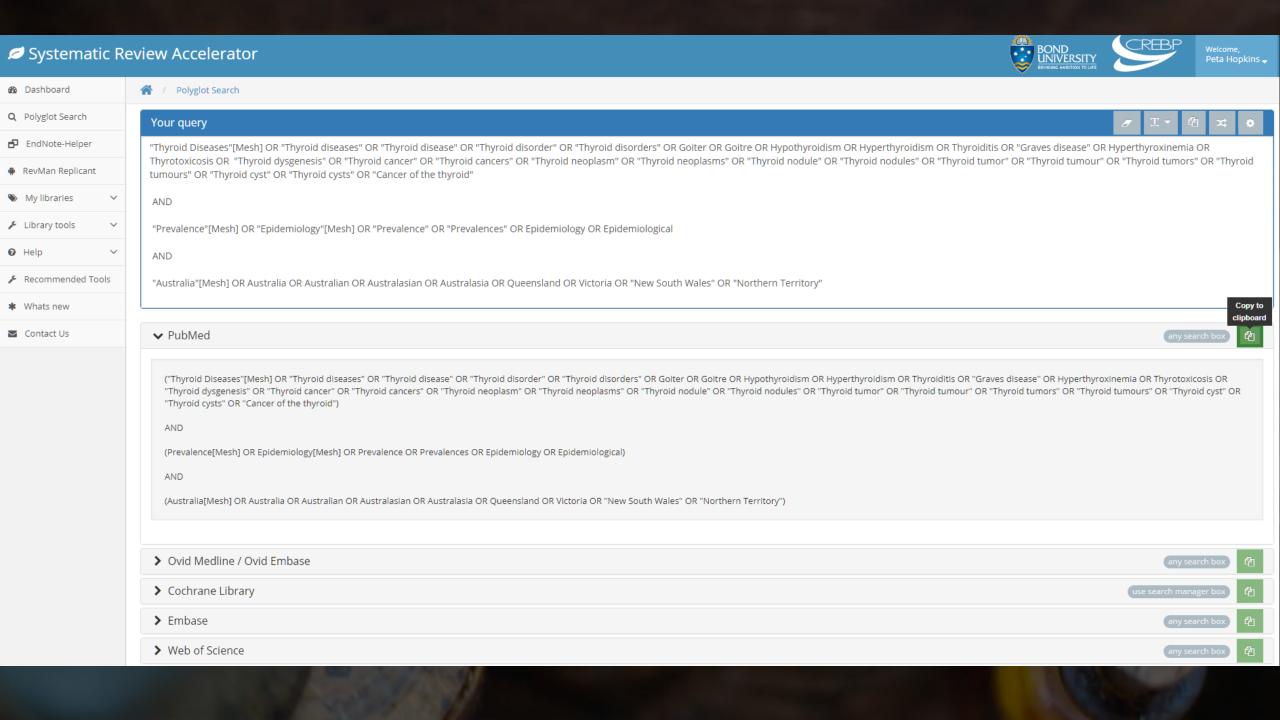


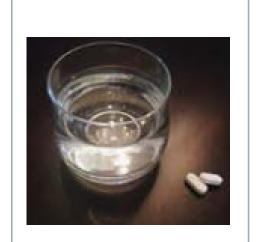




Better documentation on APIs

- Encoding format some characters appear to fail submission of requests
- Error messages are not very helpful really difficult to understand why some requests fail
 - Is Alma sulking? Although within thresholds, unsuccessful requests have to be resubmitted several times. Some just fail altogether – and it's not clear why.
- Find full text and download
 - highlight unfound citations for document delivery request submission and prevent those with full text from being requested.







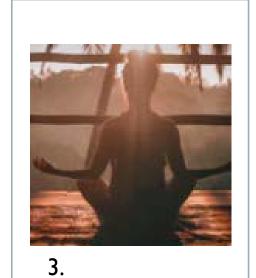




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