DAPI Diem

Or, Using Linked Data & the WorldCat Discovery API to surface timely holdings

Scott Hanrath  |  shanrath@ku.edu  |  @rshanrath
Today in History...
Approach: Outside -> In

1. Use external sources to find *interesting entities* related to a given date

2. Feed those entities into a query to the Discovery API

3. Present the entities and a set of related holdings from WorldCat
[subject]  [predicate]  [object]

[subject]  [predicate]  day

SPARQL:  http://dbpedia.org/sparql
?entity a dbpedia-owl:Writer.

?entity ont:birthDate ?date.

?entity a ont:Book.

?entity ont:publicationDate ?date.

?entity a dbpedia-owl:Country.

?entity dbpedia-owl:foundingDate ?date.
David Foster Wallace is a writer with the date of birth "1962-02-21" and viafId "68975157".
WikiPedia API: https://www.mediawiki.org/wiki/API:Main_page

\[
\text{rank} = \text{revisions\_count} + (10 \times \text{article\_length}) + \text{number\_external\_links}
\]
WorldCat Discovery API

*Things* -> *Strings* -> *Things*

creator: [author name]

name: [book title]

subject: [author name | country name | book title]

Add number of results to ranking

`rank += 10 * number_dapi_results`
Wallace, David Foster was born on February 21, 1962.

David Foster Wallace (February 21, 1962 – September 12, 2008) was an American author of novels, short stories and essays, as well as a professor of English and creative writing. Wallace is widely known for his 1996 novel Infinite Jest, which was cited by Time magazine as one of the 100 best English-language novels from 1923 to 2005. Los Angeles Times book editor David Ulin called Wallace "one of the most influential and innovative writers of the last 20 years". Wallace's last, unfinished novel, The Pale King, was published in 2011 and was a finalist for the 2012 Pulitzer Prize for Fiction. A biography of Wallace was published in September 2012, and an extensive critical literature on his work has developed in the past decade.
The Fox Effect was published on February 21, 2012.

The Fox Effect: How Roger Ailes Turned a Network into a Propaganda Machine is a 2012 book written by David Brock and Ari Rabin-Havt. They lead the media watchdog group Media Matters, the stated mission of which is "to comprehensively monitor, analyze, and correct conservative misinformation in the U.S. media." The book details the numerous controversies of Fox News, with emphasis on its president, Roger Ailes.
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Not so good.
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Judgement call?
Credits

Francis Kayiwa
Emily Flynn
Shawn Denny
Scott Hanrath
Bilal Khalid
Rachel Maderik
w/ OCLC’s Jeff Young, SPARQL coach

github.com/oclc-developer-house/thirdpartyapi
Thank you