bX: Scholarly Recommender Services and more

IATUL 2009

Philipp Hess
Full Record View

Record 1 of 1:  Add to My List  View My List  Save/E-Mail Record

Choose record view: Full View  Brief View  MARC Tags View

Author  Stegner, Wallace  Earle, 1909-

Title  Collected stories of Wallace Stegner.

Description  Short stories

Published  New York : Random House, 1936.
           xvi, 525 p. ; 25 cm.

All Locations  Availability  O'Neill Stacks PS3537 T316 A6 1990
Location

ISBN  0394584090
Format  <Book>

SystemNumber  000555410

Google Books: More on this title via Google Book Search
bX: Scholarly Recommender Service

- A new recommender service for scholarly materials, primarily articles (the core unit of use)
- Based on data mining and analysis of aggregated usage data, across institutions and scholarly information environments
- Coming from research done at Los Alamos National Laboratory by Johan Bollen and Herbert Van de Sompel
- Builds on the OpenURL framework.
Linking – An Overlay Service

OpenURL Linking Layer

SFX

Resources Layer
Recommender – A New Overlay Service

- **Recommender Service Layer**
- **OpenURL Linking Layer**
- **Resources Layer**

- **bX**
- **OAI-PMH**

- **SFX**
- **Layer**

- **Resources**

- **Linking – An Overlay Service**
- **Recommender – A New Overlay Service**
Users interested in this article also expressed an interest in the following:

Cyberbullying in Schools: A Research of Gender Differences.


**Full Text**
- Full text available via EBSCOhost Electronic Journals Service
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**Holding Information**
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Users interested in this article also expressed an interest in the following:

View More...
New paradigm for search

“The Web, they say, is leaving the era of search and entering one of discovery. What's the difference? Search is what you do when you're looking for something. Discovery is when something wonderful that you didn't know existed, or didn't know how to ask for, finds you.”

bX Partners

- Boston College, USA
- British Library, UK
- California State University Consortium, USA
- Catholic University of Leuven, Belgium
- Charles University, Prague
- ETH, Zurich, Switzerland
- FineLib, Finland
- Imperial College, UK
- Karolinska Institute, Sweden
- Monash University, Australia
- Princeton University, USA
- Tsinghua University, China
- University of Alberta, Canada
- University of Amsterdam, Netherlands
- University of Chicago, USA
- University College London (UCL), UK
- University of Manchester, UK
- University of Texas at Austin, USA
- University of Leiden, Netherlands
- University of Stellenbosch, South Africa

Los Alamos as Development Partner
Title: Abstract Expressionism and Puritanism

Is it Online?
- Link to full text from JSTOR Arts and Science II

Available from 1941 until 2005

How do I get it if it is not in a BC Library?
- Request item via Interlibrary Loan

Recommended Reading (powered by bX)

Title: Tillage, nitrogen and crop residue effects on crop yield, nutrient uptake, soil quality, and greenhouse gas emissions.


Recommended Reading (powered by bX)

Users interested in this article also expressed an interest in other articles

Most recommended reading:


Click here for more recommendations.
bX - How does it work?
The bX Service – open interface

• Embedded in SFX
• Accessible through:
  • OpenURL/XML
  • OpenURL/RSS
  • OpenURL/Atom

➔ Any client/system can call bX!
Can Animals Aid Therapy?

By: Scott O Lilienfeld ; Hal Arkowitz ; Hal Arkowitz
Format: Article
Year: 2008
Published in: Scientific American Mind 2008, Vol. 19 Issue 3, p78-79 2p; 1 color 15552284
Database: Academic Search Premier

Summary
The article discusses the possibility of animal-assisted therapy. Scholars are considered to have long been intrigued by the possibility that animals possess largely untapped therapeutic powers. Studies are stated to have revealed that the presence of pets could lower blood pressure and stress levels, although they do not reveal the reasons for this effect. It is stated that the effectiveness of animal-assisted therapy is still controversial.

Covers the topics:
- PSYCHOTHERAPY
- TREATMENT
- ANIMALS
- PETS -- Therapeutic use
- STRESS management
- STRESS (Psychology)
- BLOOD pressure -- Regulation
bX Scholarly Article Recommender Service

• Getting ready to launch

“The new bX service has a real potential to be the next killer app -- SFX was the last killer app, in case you were wondering ;-)”

David Walker, CalState University (SFX listserv 6th April 2009)
A look behind the scenes.....
An Information-seeking “session”
SFX usage log

[start session 1]
<Article 1>
<Article 2>
<Article 3>
<Article 4>
[End session 1]

......

[start session n]
<Article 1>
...
[End session n]
Article Relationships

SFX usage log

[start session 1]
- <Article 1>
- <Article 2>
- <Article 3>
- <Article 4>
[End session 1]

......

[start session n]
- <Article 1>
...
[End session n]
An architecture for the aggregation and analysis of scholarly usage data.

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ABSTRACT

Although recording of usage data is common in scholarly information services, its exploitation for the creation of value-added services remains limited due to concerns regarding, among others, user privacy, data validity, and the lack of accepted standards for the representation, sharing and aggregation of usage data. This paper presents a technical, standards-based architecture for sharing usage information, which we have designed and implemented. Based on this architecture, OpenURL-compliant datasets for usage and impact can be gathered and shared, while ensuring the privacy and confidentiality of individual users. The architecture also allows for the export of value-added services, based on top-down design decisions, but have come to prominently include the analysis of user actions and preferences. The introduction of a wide range of successful evaluation and recommendation services which rely in some way on the analysis of usage data has made it clear how users interact with scholarly information.

http://public.lanl.gov/herbertv/papers/jcdl06_accepted_version.pdf
bX Summary

• A valuable tool that meets user expectations for up-to-date, Web 2.0-type services
• First-of-its-kind service providing recommendations that are:
  • Relevant:
    • based on the analysis of tens of millions of information requests from hundreds of thousands of users and across multiple distributed resources
    • Offered at an article-level
  • Up-to-Date: includes current scholarly material
  • Easily Accessible: tightly integrated into scholarly search results
• A SaaS offering - nothing to install or maintain locally
Questions?