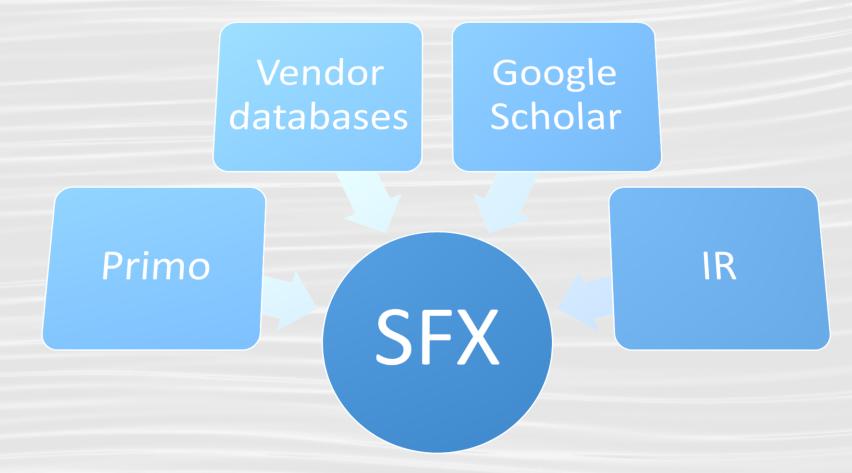
(RE)BUILDING SFX

SFX AS THE CENTER OF ATTENTION

By Kasper Løvschall



SFX IS LIBRARY INFRASTRUCTURE



SFX is often the final destination in the "supply chain" and sometimes the only point of contact with the user

SFX WAS VERY INNOVATIVE

- SFX was not only plain links to providers but had cool "Special Effects", e.g.
 - Citation formatter
 - Reference export
 - Web searching with the coolest search engines

```
24 sfxglb41@emerica:SFX4 /exlibris/sfx_ver/sfx4_1/sfxglb41/lib/Parsers/TargetParser/WWW$ls
ALL.pm EuroSeek.pm HotBot.pm MetaCrawler.pm RagingSearch.pm Teoma.pm
AltaVista.pm Excite.pm InfoSeek.pm Naver.pm scirus.pm xrefer.pm
Britannica.pm Google.pm Ixquick.pm QuoteComLive.pm SciSeek.pm Yahoo.pm
```

- Plugin support
- bX
- But then came Primo (etc.) and provided most of it "in-app"...
- And SFX did not change...



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Title: The "bigger deal" is OpenURL

Source: Interlending & document supply [0264-1615] Jackson, Mary E. yr:2005 vol:33 iss:3 pg:172 -174

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Year: 2005 Volume: 33 Issue: 3 Start Page: 172

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Web Service

- Find related information in <u>Feedback</u>
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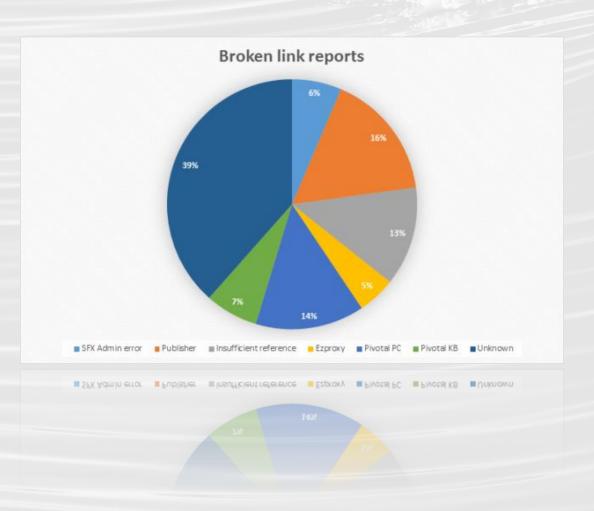
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Web Service

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WHAT WE REALLY NEEDED

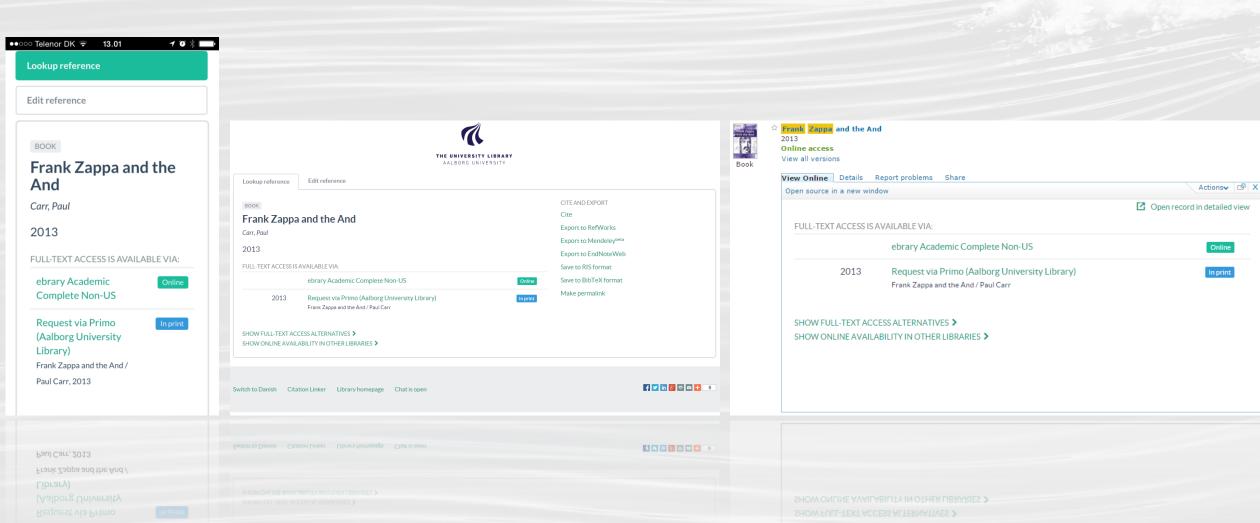
- Much better handling of error reports and broken links
- To be the virtual library branch at the outpost
- Make SFX a natural part of the search and exploration process
- Modern and mobile supported user interface
- Embedded Primo view
- Embedded just-in-time context aware information
- A plugin to SFX itself



WE THEN DEVELOPED OUR OWN "LINKRESOLVER"

- SFX is still the back office admin tool
- SFX is proxying requests to the new aggregator and frontend
- SFX is acting as an API (out of many others)
- SFX is still counting the statistics
- SFX's old interface is in hot standby if something goes horribly wrong

OUR WISH LIST WAS THE ROADMAP



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Chen, Junghui · Wang, Wei Yann

In: Industrial & engineering chemistry research, Vol. 49,

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8&url ver=Z39.88-2004&rft.volume=49&rft.genre=article&svc val fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%

3Asch svc&rft.issue=5&req.language=eng&url ctx fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%3Actx&rft.jtitle=Industrial+%

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User email address:

SOLUTION

Platform

SFX Apache proxy
Nginx
Starman PSGI/Plack server
Perl Dancer App
HTML Template Toolkit
Bootstrap + jQuery

Business logic

Route handling
Metadata extraction
Fix some mischiefs
API dispatcher
Metadata enrichment
API (JSON / HTML)

API dispatcher

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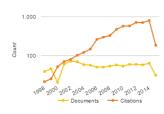
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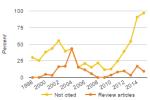
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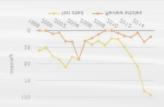
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Industrial Robot: An International Journal, Volume 42, Issue 5, August 2015. Purpose This is a two-part article which aims to illustrate how sensors impart robots with perceptive capabilities. This first part considers robots that interact with humans and which seek to mimic human intentions Design/methodology/approach Following a short introduction, this article first discusses the sensors used in robotic prosthetics. It then considers sensor applications in recently developed service, companion and assistive robots. The final section concerns the sensors employed in collaborative robots and is followed by brief concluding comments. Findings This shows that sensors play a vital role in imparting perceptive capabilities to robots which interact with people. They can interpret human intentions, control prosthetic limbs, monitor and map a robot's environment, assist with navigation, ensure the safety of co-workers and even detect a person's emotional state. They are based on a diversity of principles and technologies, including MEMS-based sensors for physical variables, myographic electrodes and EEG sensors, lasers, infra-red and sonar systems and sophisticated cameras and imaging systems. Originality/value This provides a timely account of how sensors confer perceptive capabilities to the growing number of robots which interact directly with people

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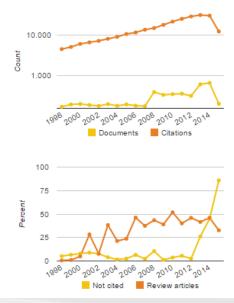
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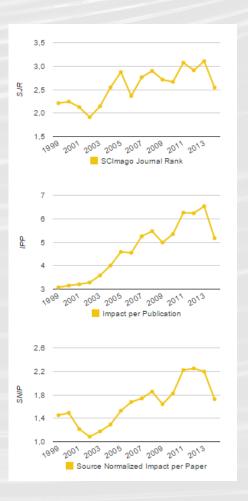
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