

ENRICHING PRIMO RECORDS WITH INFORMATION FROM WORDPRESS

Karsten Kryger Hansen
Aalborg University Library



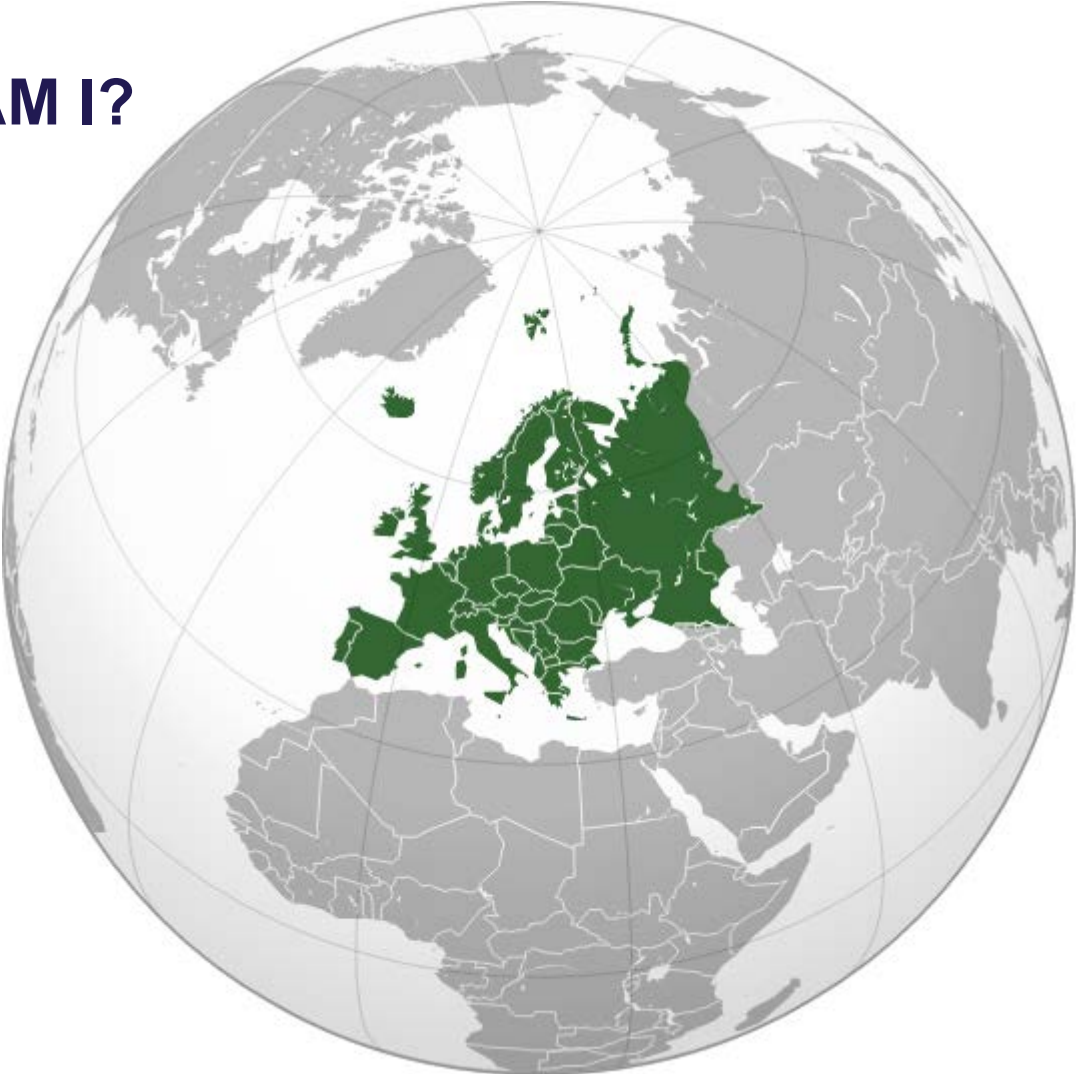
THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

AGENDA

- Who am I
- History and use case
- Information distribution
- Detour: HTML, JavaScript etc. in Primo
- Implementation of WordPress in Primo



WHO AM I?



By Rob984 [CC BY-SA 4.0 (<http://creativecommons.org/licenses/by-sa/4.0>)], via Wikimedia Commons



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

Case

Show relevant information to the user in the right context.

”If we know something about a record,
let’s tell it when the user finds the record”.

Incident information

Hints on using a given resource (e.g. Westlaw)

Mobile access options (mobile vouchers)

....



Incident list

- #1
- #2
- #3
- #4
- #5
- ...

Vendor?
Publisher?
Platform?

Primo

SFX



EXAMPLE

Ask Us! Answer Service

Q. Why aren't the Ebsco databases working?

I'm trying to use the search options and nothing happens. When I click on buttons and links nothing appears. Fulltext articles will not disp

Ask Another Question

Search

Browse: All Topics ▾

Answered By:xxxx

Jan 14, 2016 715

All major browsers should be working on Ebsco databases now. There have been issues in the past, so if you are encountering problems the information below may be helpful.

As of 7/14/2011 Ebsco databases are having trouble functioning on some Chrome at all and they sometimes will not work on Firefox. As of yet we have not recommend using that browser for database searches. If you love Chrome you can use the Chrome app available from the the Chrome app store.

Ebsco does not support Chrome but will in the future. As of this writing they do support Firefox. If you encounter problems using Firefox please contact us using details such as what kind of problem you had, what version of Firefox you are using.

The databases we get from Ebsco include:

- Academic Search Complete
- America: History & Life
- ATLA Religion Database with ATLASerials
- Business Source Complete
- Communication & Mass Media Complete
- EconLit, Educational Administration Abstracts
- ERIC

A-Z Databases

Find the best library databases for your research.

263 DATABASES

Academic Search Complete

Go

All | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

1 Databases found

Clear Filters

E

EBSCO multiple database search

EBSCO (All Databases) is a combination of Academic Search Complete (a scholarly, multi-disciplinary database, with more than 10,000 journals, with more than 5,500 full-text periodicals, including more than 4,600 peer-reviewed journals) and Business Source Complete (a full-text index to journals in business, management, marketing, etc.).

GreenFILE

EBSCO Industries.; 2008

Database

Available

Access Options

Details

Email / Export

X

Title: GreenFILE
Uniform Title: Green FILE

Contributor: EBSCO Industries.

Subjects: Human ecology -- Abstracts -- Databases
Environmental sciences -- Abstracts -- Databases
Conservation of natural resources -- Abstracts -- Databases

Links

> Link to Resource



**COMMUNICATE TO THE USER IN THE CONTEXT
WHERE THEY FIND THE RECORDS**





☆ **Inspec**

1969-

Online access

Database

[View Online](#) [Details](#) [Report problems](#) [Share](#) **Announcements**

Inspec maintenance at 19 August 2015

Posted on **13/08/2015** by [Sofie Søndergaard Madsen](#)

Inspec are planning some scheduled maintenance on Wednesday 19th August 2015.

The Inspec Direct site will be unavailable between 16:00 and 18:00 GMT.

Posted in [Current bugs and scheduled downtime](#) | Tagged [Inspec](#)

[Edit](#)

Regarding Inspec

Posted on **11/08/2015** by [Sofie Søndergaard Madsen](#)



☆ **Prioritizing Web usability** / [Jakob Nielsen and Hoa Loranger](#)

Nielsen, Jakob 1957-; Loranger, Hoa

2006

Online access. The library also has physical copies.

Book

[View Online](#) [Locations/Request](#) [Details](#) [Virtual Book Shelf](#) [Report problems](#) [Share](#) **Mobile and tablet**

Access Safari eBook on a smartphone or a tablet

Posted on **08/01/2013** by [Tina Andersen](#)

This e-Book is provided by Aalborg University Library through the Safari Books Online platform. You can download an app – "Safari To Go" for [iPad/iPhone](#) and [Android based smartphones and tablets](#), and access the eBook through this.

Note that accessing subscribed content from Aalborg University Library requires campus network access (AAU-1x).

Be aware that Aalborg University Library has a maximum of 8 simultaneous users, which means that you get an error message, if too many users are logged in.

This is how you access this e-Book through the *Safari To Go* app

1. Go to the list of databases from the [library website](#) and choose the option "Safari Tech Books" **while you're on the**



Article

☆ **Net neutrality discourses: comparing advocacy and regulatory arguments in the United States and the United Kingdom**

Powell, Alison ; Cooper, Alissa

2011

Online access

[View Online](#) [Details](#) [Recommended reading](#) [Report problems](#) [Share](#) **Announcements**

Posted on **26/05/2015** by [admin](#)

Some records from the London School of Economics and Political Science requires you to create an account (free) before you can access the specific material.



Posted in [Current bugs and scheduled downtime](#) | Tagged [lse](#)

[Edit](#)



Database
list

Primo

SFX

Custom
database
list



WORDPRESS

Intranet

Search
box



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

FIND MATERIALE

saf

Søg

Safari books online - OBS! No access to Safari books at the moment.

Health & safety science abstracts

Du søger i bibliotekets søgemaskine (Primo). Du søger i vores samlede beholdning af fysisk materiale på tværs af afdelinger, e-bøger (ikke fuldtekst) og artikler fra udvalgte leverandører. Vis oversigt over indhold i Primo.

Lookup reference

Edit reference

BOOK

Mastering Oracle SQL

Mishra, Sanjay · Beaulieu, Alan

2002

FULL-TEXT ACCESS IS AVAILABLE VIA:

ProQuest Safari Tech Books Online

Announcements: No access to Safari books at the moment.

Aalborg University Library only offers a limited number of simultaneous users at the Safari platform. If you cannot access the e-book presume all users are in use. Make sure you log off after use!

Online

CITE AND EXPORT

Cite

Export to RefWorks

Export to Mendeley^{beta}

Export to EndNoteWeb

Save to RIS format

Save to BibTeX format

Make permalink

SHOW FULL-TEXT ACCESS ALTERNATIVES >

SHOW ONLINE AVAILABILITY IN OTHER LIBRARIES >



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

AALBORG UNIVERSITY

EDUCATION RESEARCH COOPERATION

THE UNIVERSITY LIBRARY / FIND MATERIAL / DATABASES AND SUPPLIERS /

DATABASES AND SUPPLIERS

This list contains the databases that the library's subscribes to, as well as certain suppliers of e.g. e-books etc, and a number of free online resources. If you are looking for books, journals etc., please search the library's search engine Primo.

☑ Marks special options for tablets and mobile phones. Click on [+] to learn more.

GET YOUR OWN DATABASE LIST

Save a couple of clicks: Each database has a [+] where you can click and add the database to your personal list. The list will appear on the library's homepage.

CONTACT US

Feel free to contact the library - whether you need to know about opening hours or project literature, we will be happy to assist you.

Chat is online - open weekdays 10 AM - 2 PM

Book a library session

Aalborg (aub@) - 9940 9400 - Show all
Esbjerg (aube@) - 9940 7649
København (aubcp@) - 9940 3858

Staff list

insp

UNIVERSITETSBIBLIOTEKET / FIND MATERIALE / E-HÅNDBØGER /



Electrical engineering handbook, The ☑ - NBI Meddelelser
- No access to Safari books at the moment.
Tip: Access Safari eBook on a smartphone or a tablet



McGraw-Hill Dictionary of Scientific and Technical Terms



Power Electronics - Converters and Regulators ☑
Tip: Access Springer eBooks on an iPad/iPhone

Vi har 32 databaser på databaselisten der matcher dette emne.

Why WordPress?

Neutral ground

Free CMS'ish

Feature rich out of the box

Easy to extend via plug-ins



ALTERING THE PRIMO USER INTERFACE



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

THE LAAAAAAAAAAAAAAAAAAAAARGE FOOTER



Primo options:

- Custom tiles
- Custom header and **footer**

Includes jQuery
+ now includes jQuery.PRIMO

THE DOCUMENT OBJECT MODEL

```
▼ <tr id="exlidResult7" class="EXLResult EXLResultMediaTYPEbook">
  ▶ <td class="EXLResultNumber">...</td>
    <!-- c:set var="baseFrbrUrl" value="http://primo.aub.aau.dk/primo_library/libweb/action/search.do?indx=1&vl(57399062UI1)=all_items&fn=search&dscnt=0&vl(1UIStartWith0)=contains&v
    <!-- Use new display of frbr (generic record) -->
    <!-- Use old display of frbr (preferred record) -->
  ▼ <td class="EXLThumbnail">
    <a name="AUB01_ALEPH001728391" id="AUB01_ALEPH001728391" class="EXLResultRecordId"></a>
    <!--begin thumbnails-->
    ▶ <div class="bg_fix multipleCoverImageContainer EXLBriefResultsDisplayCoverImages ">...</div>
    <!--end thumbnails-->
    <div class="EXLHiddenCue">Material Type: </div>
    <span class="EXLThumbnailCaption" id="mediaTypeCaption-8">Bog</span>
  </td>
  ▶ <td class="EXLMyShelfStar">...</td>
  ▼ <td class="EXLSummary">
    ▼ <div class="EXLSummaryContainer">
      ▼ <div class="EXLSummaryFields">
        ▼ <h2 class="EXLResultTitle">
          <!-- strippedTitle=Master math : business and personal finance math / Mary Hansen -->
          ▶ <a href="http://svcs.aub.aau.dk/primo/ebooklauncher/index.php?pkg=safari&url=h...p://proquest.safaribooksonline.com/?uiCode=aalborg&xmlId=9781435457881" onclick="reportCli
          </h2>
          ▶ <h3 class="EXLResultAuthor">...</h3>
          <span class="EXLResultDetails"></span>
          <h3 class="EXLResultFourthLine">2012</h3>
          <p id="snippet_AUB01_ALEPH001728391" style class="EXLResultSnippet"></p>
          <!-- available.tag begin -->
          <input type="hidden" id="rtaElapseTime_7" value="787">
          ▶ <script type="text/javascript">...</script>
          ▶ <p class="EXLResultAvailability">...</p>
          <!-- available.tag end -->
          <div id="toclabel_7" style class></div>
        </div>
        <cite class="EXLCitationTrailsIndicationContainer">
          </cite>
      </div>
    </td>
  </tr>
```

LOADING A PAGE IN PRIMO

User submits
query

Primo
constructs
page

Page to
browser
(initial D.O.M.)

Rendering incl.
CSS and
JavaScript



NEED MORE DATA ?

Page rendered

**Loop through
records
Get data (PNX)**

Enrich



GETTING EXTERNAL DATA

Rendering
incl. CSS and
JavaScript

Call url for
external data

Return as
JSONP

Parse JSONP



IMPLEMENTING WORDPRESS INFORMATION IN PRIMO



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

WORDPRESS SETUP

Self hosted version 4.4.2

Relevant plug-ins:

- Disable Comments
- JSON API
- Post Expirator
- RSS Custom Fields
- Simple Content Templates
- Theme Switcher




3 million
requests
per year



Access to Inspec will end at 31 December 2015

Permalink: <http://blog.aub.aau.dk/operation/2015/08/11/regarding-inspec/> [Edit](#) [View Post](#) [Get Shortlink](#)

 Add Media

Visual Text

B *I* ABC           

Aalborg University Library's subscription to the Inspec database expires on 31 December 2015 and will not be renewed. Instead, the library recommends that you search the Compendex database, which covers all disciplines within the fields of natural science and technology. Compendex is considered to be the most comprehensive bibliographic database including journal articles and conference papers. You may access the database from campus computers and via remote access.

Word count: 66

Last edited by admin on 17/08/2015 at 15:30

Revisions

 admin, 2 weeks ago ([August 17, 2015 @ 15:30:59](#))

 Sofie Søndergaard Madsen, 3 weeks ago ([August 11, 2015 @ 13:00:28](#))

Custom Fields


Name	Value
<input type="text" value="url"/>	<input type="text" value="http://inspecdirect-service.theiet.org/private/home.aspx"/>
Delete	Update

Simple Content Template


Publish

[Preview Changes](#)

 Status: **Published** [Edit](#)

 Visibility: **Public** [Edit](#)

 Revisions: 2 [Browse](#)

 Published on: **Aug 11, 2015 @ 13:00**
[Edit](#)

[Move to Trash](#)

[Update](#)

Categories

All Categories [Most Used](#)

- Current bugs and scheduled downtime
- Mobile and tablet
- New or changed resources
- Old and/or deprecated stuff
- Tips and tricks

[+ Add New Category](#)

Tags

[Add](#)

Separate tags with commas

 Inspec

CATEGORIES

Current bugs and scheduled downtime

Mobile and tablet

Old and/or deprecated stuff (trash)

CUSTOM TAGS

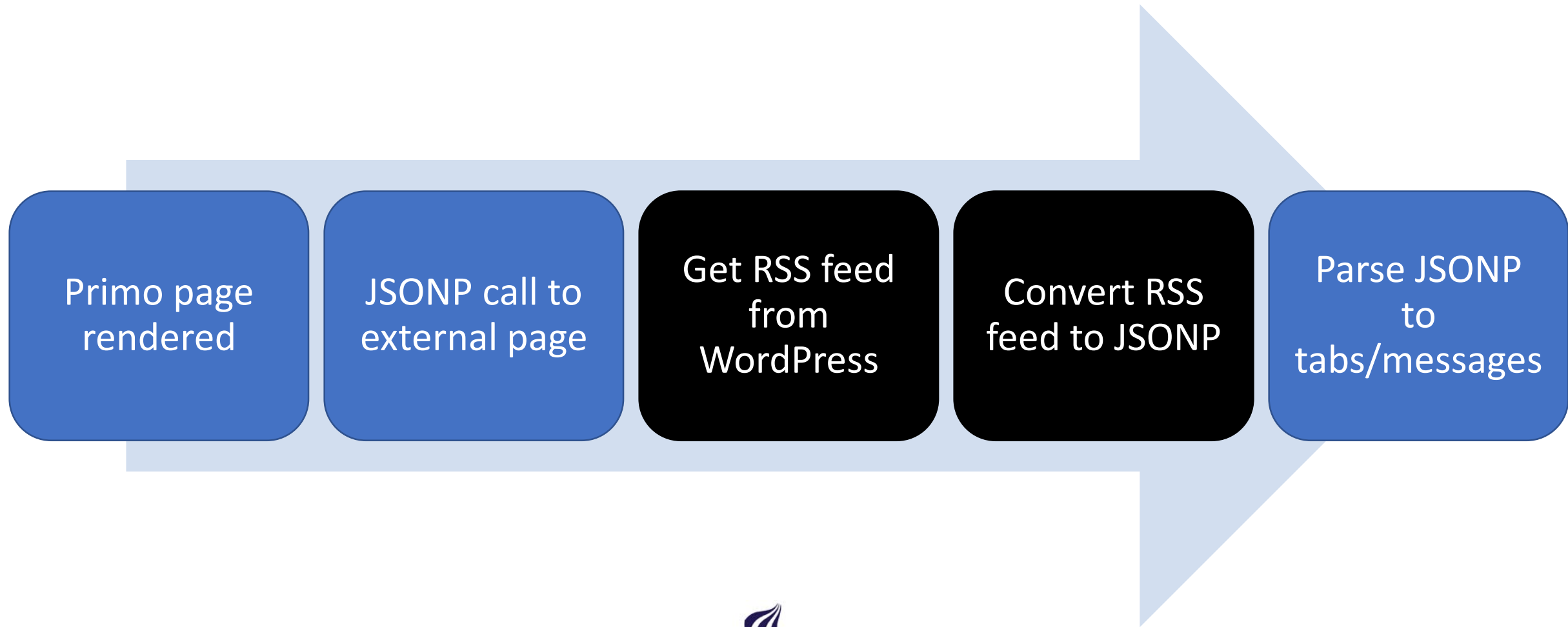
System number

Url

TN_



GETTING EXTERNAL DATA



WordPress

Blog posts

Custom fields:

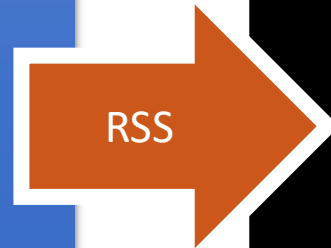
url

system number

pci prefix (TN_)

Category

Tags



Custom PHP script

WordPress RSS

=>

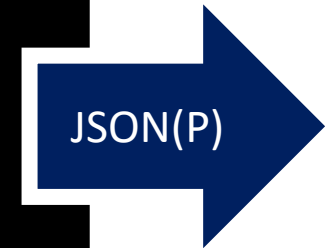
JSON(P)

Task:

Reorder the elements

Join post according to

custom fields





☆ **Inspec**
1969-
Online access

Database

[View Online](#) [Details](#) [Report problems](#) [Share](#) **Announcements**

Inspec maintenance at 19 August 2015
Posted on [13/08/2015](#) by [Sofie Søndergaard Madsen](#)

Inspec are planning some scheduled maintenance on Wednesday 19th August 2015.

The Inspec Direct site will be unavailable between 16:00 and 18:00 GMT.

Posted in [Current bugs and scheduled downtime](#) | Tagged [Inspec](#) [Edit](#)

Regarding Inspec
Posted on [11/08/2015](#) by [Sofie Søndergaard Madsen](#)




☆ **Net neutrality discourses: comparing advocacy and regulatory arguments in the United States and the United Kingdom**
Powell, Alison ; Cooper, Alissa
2011
Online access

Article

[View Online](#) [Details](#) [Recommended reading](#) [Report problems](#) [Share](#) **Announcements**

Posted on [26/05/2015](#) by [admin](#)

Some records from the London School of Economics and Political Science requires you to create an account (free) before you can access the specific material.



Posted in [Current bugs and scheduled downtime](#) | Tagged [lse](#) [Edit](#)



Book

☆ **Prioritizing Web usability** / [Jakob Nielsen and Hoa Loranger](#)
Nielsen, Jakob 1957-; Loranger, Hoa
2006
Online access. The library also has physical copies.

[View Online](#) [Locations/Request](#) [Details](#) [Virtual Book Shelf](#) [Report problems](#) [Share](#) **Mobile and tablet**

Access Safari eBook on a smartphone or a tablet
Posted on [08/01/2013](#) by [Tina Andersen](#)

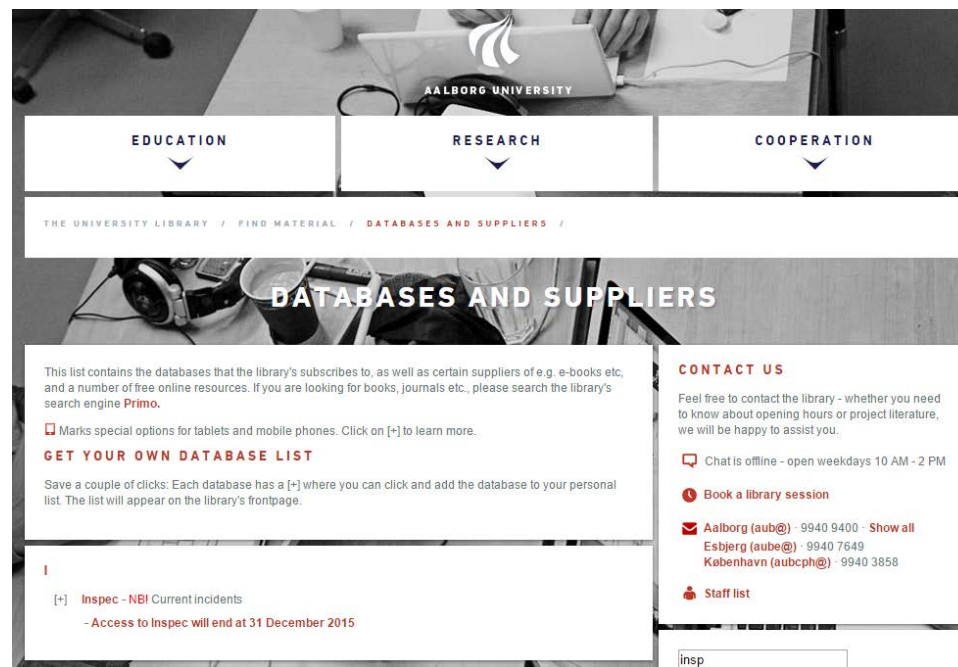
This e-Book is provided by Aalborg University Library through the Safari Books Online platform. You can download an app – “Safari To Go” for iPad/iPhone and [Android based smartphones and tablets](#), and access the eBook through this.

Note that accessing subscribed content from Aalborg University Library requires campus network access (AAU-1x).

Be aware that Aalborg University Library has a maximum of 8 simultaneous users, which means that you get an error message, if too many users are logged in.

This is how you access this e-Book through the *Safari To Go* app

1. Go to the list of databases from the [library website](#) and choose the option “Safari Tech Books” while you’re on the



EDUCATION **RESEARCH** **COOPERATION**

THE UNIVERSITY LIBRARY / [FIND MATERIAL](#) / [DATABASES AND SUPPLIERS](#) /

DATABASES AND SUPPLIERS

This list contains the databases that the library's subscribes to, as well as certain suppliers of e.g. e-books etc, and a number of free online resources. If you are looking for books, journals etc., please search the library's search engine **Primo**.

Marks special options for tablets and mobile phones. Click on [+] to learn more.

GET YOUR OWN DATABASE LIST

Save a couple of clicks: Each database has a [+] where you can click and add the database to your personal list. The list will appear on the library's frontpage.

CONTACT US

Feel free to contact the library - whether you need to know about opening hours or project literature, we will be happy to assist you.

[Chat](#) is offline - open weekdays 10 AM - 2 PM

[Book a library session](#)

[Aalborg \(aub@\) - 9940 9400 - Show all](#)
[Esbjerg \(aube@\) - 9940 7649](#)
[København \(aubcph@\) - 9940 3858](#)

[Staff list](#)

insp



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

PHP SCRIPT

```
$rawFeed = file_get_contents($feedUrl);  
$xml = new SimpleXmlElement($rawFeed);  
  
$urls_incidents = array();  
  
foreach ($xml->channel->item as $item)  
{  
    if ($item->custom_fields->url != null && $item->custom_fields->url != "") {  
        $urlsinloop = explode(' ', $item->custom_fields->url);  
    }  
}  
  
$returnarray['incidents']['urls'] = $urls_incidents;  
$json = json_encode($returnarray);
```



```
jQuery18304472594487015158_1441435340172({
  "info":{
    "baseurl":"http://blog.aub.aau.dk/operation/",
    "catnames":"current-bugs-and-scheduled-downtime,tips-tricks,mobile-tablet",
    "cattips":"tips-tricks",
    "catbugs":"current-bugs-and-scheduled-downtime",
    "catmobile":"mobile-tablet",
    "incidentcatnumber":"74",
    "tipscatnumber":"88",
    "mobilecatnumber":"138"
  },
  "incidents":{
    "urls":{
      "informahealthcare.com":[
        "informa-healthcare",
        "taylor--francis"
      ],
      "onlinelibrary.wiley.com/journal/10.1002/(ISSN)2324-9250/issues":[
        "wiley"
      ],
      "onlinelibrary.wiley.com/journal/10.1111/(ISSN)1751-7168/issues":[
        "american-heart-hospital-journal"
      ],
      "tvm.gallup.dk":[
        "gallup-tv-master"
      ],
      "inspecdirect-service.theiet.org/private/home.aspx":[
        "inspec"
      ],
      "www.irb.fraunhofer.de/iconda":[
        "iconda"
      ],
      "maneyonline.com/loi/cri":[
        "emerald"
      ]
    }
  }
},
```

<http://blog.aub.aau.dk/operation/tag/safari-tech-books/?cat=138>

**Caching etc. to improve
(if needed)**

ENRICHING BASED ON SELECTORS

```
$('.EXLResultTitle > a[href*="" + key + "']');  
$("#AUB01_ALEPH" + key);
```

```
$.each(data.tips.urls, function(key,value) {  
    var urlselector = '.EXLResultTitle > a[href*="" + key + "']';  
    var url2blog = baseurl + 'tag/' + value + '?cat=' + tipscatnumber;  
  
    $(urlselector).parents('.EXLResult').find('.EXLResultRecordId').  
    attr('tips', '1').attr('tipstags', value).attr('tipsblogurl', url2blog);  
});
```

```
EXLTA_addTab('Announcements','incidentTab','#',incidentTabHandler,false,incidentEvaluator);
```



ADDING THE TAB

```
var incidentTabHandler = EXLTA_createWidgetTabHandler(function(element){
  var recordId = EXLTA_recordId(element);
  var bloglink = $('EXLResultRecordId[id="' + recordId + '"').attr('incidentblogurl') + '&wptheme=PrimoTab';
  return '<iframe src="' + bloglink + '"></iframe>';
},true);
```

```
var incidentEvaluator = function(element){
  var recordId = EXLTA_recordId(element);
  if ($('EXLResultRecordId[id="' + recordId + '"').attr('incidents') != undefined) {
    return true;
  } else {
    return false;
  }
};
```

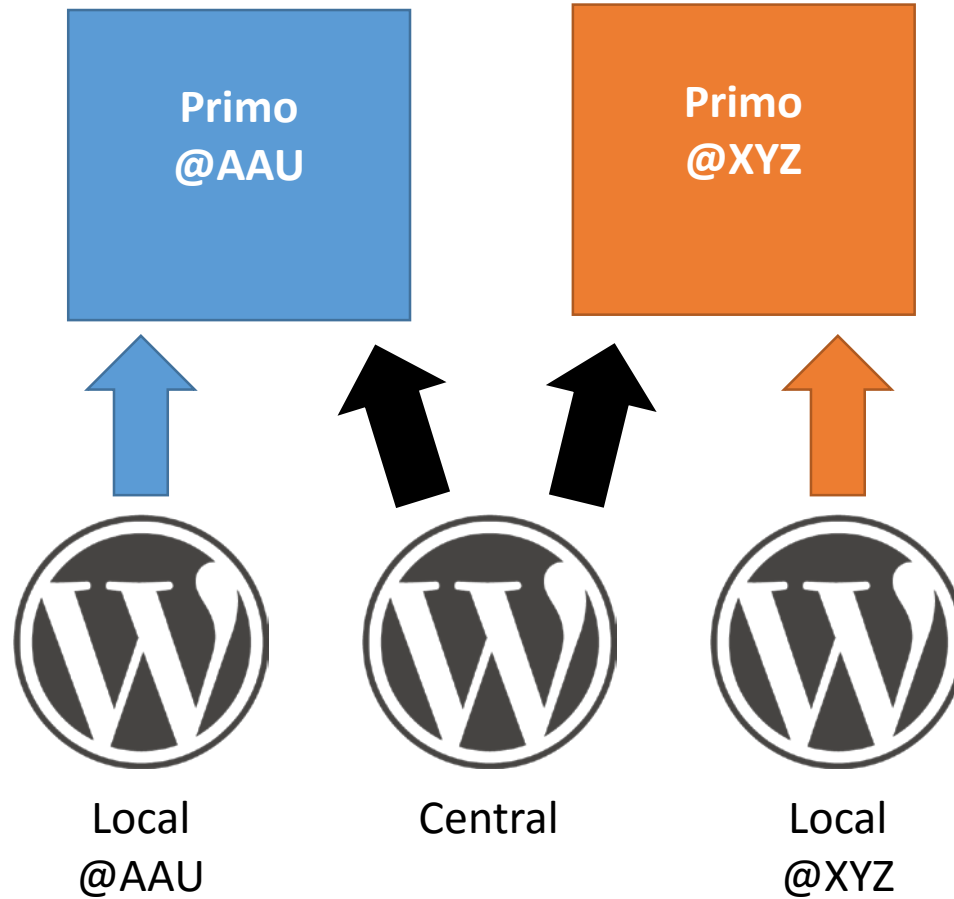


FUTURE DEVELOPMENT



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

DISTRIBUTED WORDPRESS



DISTRIBUTED WORDPRESS

Formalised / standard way to enrich records with information

Shared "knowledge base" (WordPress) for e.g.
Primo Central related "issues".

The power of the community.



Future

Personalised hiding of e.g. announcements

”Any incidents that I have not seen?”

Handling of dedup records.

Replace RSS with other output style



Article

☆ [Rediscovering the **Economics** of Keynes in an Agent-Based Computational Setting](#)

Bruun, Charlotte

[Online access](#)

You might need to create a free profile to access this record. [Read more](#)

[View Online](#)

[Details](#)

[Report problems](#)

[Share](#)



THE UNIVERSITY LIBRARY
AALBORG UNIVERSITY

Can I get a
copy of your
code?

Yes. Send email to
kkh@aub.aau.dk

