

Using TicToc RSS feed collection

Peter van Boheemen

ELAG 2009 - New Tools of the Trade

22-24 April 2009, Bratislava



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Why bother about Elag/Code4Lib

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Start February 2, 2009

Robot Librarian

Disclaimer: I'm not actually a robot.

Feb
02

TicTocs: Give us a file! Pretty pretty pretty please!

For those who haven't heard, [ticTOCs](#) is a service that provides web-based access to a database of Journal RSS/Atom Table of Contents feeds. Awesome.

In their blog at [News from \[redacted\]](#), a post titled [I want to be completely honest with you about ticTOCs](#) notes that:

As for the [API](#) - yes, we've been asked this several times, and the answer is that it is currently being written and should be available very soon.

That's great, but writing in a comment on that post (after logging in with a very, very old blog named *Opachyderm*, a name which I thought was insufferably clever), I noted that away.

What we need is a text file.

Simple. Tab-delimited. TicTocID,Title,URL,issn,eissn. Update it every night.

That's all we need.

Mar
10

About Bill

I'm Bill Dueber, a Systems Librarian at the [University Library](#), [University of Michigan](#). Mostly I muck about with [Ex Libris](#) products — we run Aleph, Metalib, and SFX and are trying to start using Verde.



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Terry Bucknell on Code4Lib, Febr 11, 2009

Subject: ticTOCs makes its data available to developers
From: "Bucknell, Terry" <[log in to unmask]>
Reply-To: Code for Libraries <[log in to unmask]>
Date: Wed, 11 Feb 2009 22:11:47 +0000
Content-Type: text/plain

As you may know, ticTOCs is a project funded by JISC in the UK to create a single, freely available source of RSS feeds for tables of contents - see <http://www.tictocs.ac.uk/> . Our database now contains over 12,000 journals from over 430 publishers. Up until now the only way to get feeds out of ticTOCs has been to use our web interface to search for feeds and then export them as an OPML file, or one a link to a feed reader of your choice.

We are working on creating APIs to let grow the code4lib community extract our data in more flexible ways, but it has been pointed out to us - see <http://robotlibrarian.billdueber.com/tictocs-give-us-a-file-pretty-pretty-pretty-please/> - that all you really need (at least at first) is a simple tab-delimited file that contains titles, ISSNs, and feed URIs for all of the journals in tocTOCs. We now provide precisely this at <http://www.tictocs.ac.uk/text.php>.

We hope that you will use this data to populate your catalog, A-Z journals list or whatever with RSS feed icons/links, or embedded TOCs. We look forward to the day when SFX, SerialsSolutions and the like are all using our data!



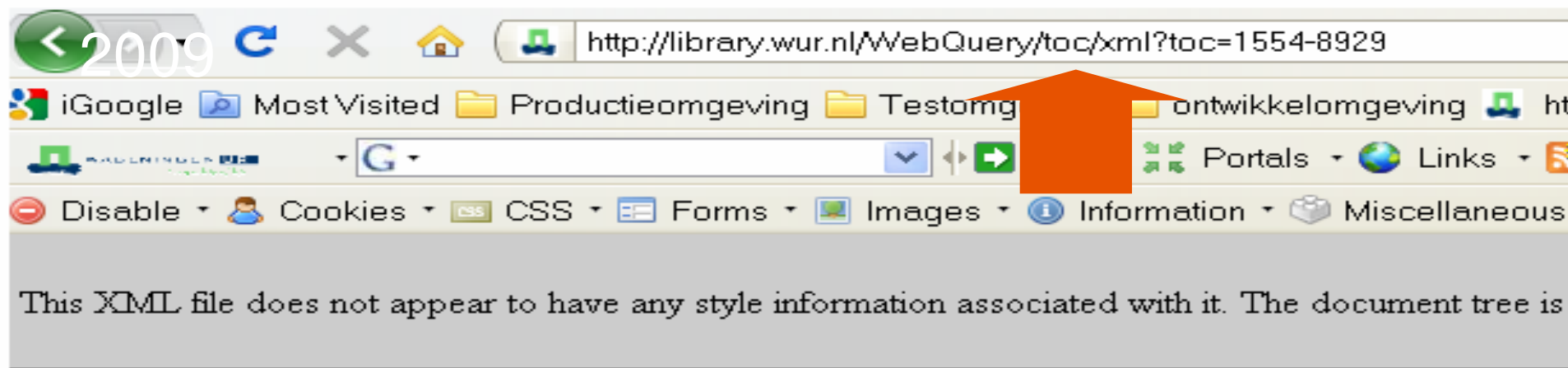
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And there it was, but I actually wanted the API

```
← → ↻ ☆ http://www.tictocs.ac.uk/text.php ▶ 📄 🔑
1 Nature http://www.nature.com/nature/current_issue/rss 0028-0836 1476-4679
2 Nature Biotechnology http://www.nature.com/nbt/current_issue/rss 1087-0156 1546-1696
3 19th-Century Music http://caliber.ucpress.net/action/showFeed?
  ui=0&mi=0&ai=s2&jc=ncm&type=etoc&feed=rss 0148-2076 1533-8606
6 AACN Advanced Critical Care http://www.aacnadvancedcriticalcare.com/pt/re/aacn/toccurrentrss.xml
  1559-7768
8 AAP Grand Rounds http://aapgrandrounds.aappublications.org/rss/current.xml 1099-6605
12 Abacus http://www3.interscience.wiley.com/rss/journal/118480526 0001-3072 1467-6281
13 Abdominal Imaging http://www.springerlink.com/content/100116?sortorder=asc&export=rss 0942-
  8925 1432-0509
14 About Campus http://www3.interscience.wiley.com/rss/journal/86513696 1086-4822 1536-0687
15 Abstract and Applied Analysis http://www.hindawi.com/journals/aaa/rss.xml 1085-3375 1687-
  0409
18 Academic Emergency Medicine http://www3.interscience.wiley.com/rss/journal/118902579 1069-
  6563 1553-2712
```

Loading an XML file into our library system creates an API automatically, so I did this on February 12,



The screenshot shows a web browser window with the address bar containing the URL `http://library.wur.nl/WebQuery/toc/xml?toc=1554-8929`. The browser interface includes a search bar with the letter 'G', a navigation bar with folders like 'Most Visited', 'Productieomgeving', 'Testomg', and 'ontwikkelomgeving', and a toolbar with icons for 'Disable', 'Cookies', 'CSS', 'Forms', 'Images', 'Information', and 'Miscellaneous'. Below the browser window, a text box contains the message: "This XML file does not appear to have any style information associated with it. The document tree is".

```
- <toc-set>  
  <queryinfo name="toc" paropen="0" parclose="0" relation="0">1554-8929</queryinfo>  
  <query>((1554\ -8929) inpath (//toc))</query>  
  <hits wq_ofs="0" wq_max="10">1</hits>  
  - <toc isn="128" cd="2008-02-17T00:00:00Z" cu="conv" score="14" crc="2123f4e0">  
    <title>ACS Chemical Biology</title>  
    <url>http://pubs.acs.org/wls/alerts/rss/acbcct.rss</url>  
    <piissn>1554-8929</piissn>  
  </toc>  
</toc-set>
```

And RSS buttons appear in our AZ-list on

E-journals A-Z


Browse or search the list of **Full Text** E-Journals. If the journal **title** you are looking for is not here, please check the **All journals A-Z** list. If you are looking for **journal article citations**, please check the **Search section** of the Digital Library for relevant bibliographic databases.

Search	Browse
E.g. Physics letters, bulletin AND museum <input type="text"/> <input type="button" value="Search"/>	Titles beginning with: 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
titles found starting with Ac.	
Aa Ab Ac Ad Ae Af Ag Ah Ai Aj Ak Al Am An Ao Ap Aq Ar As At Au Av Aw Ax Ay Az	

Title	Available	Services
Academic medicine : journal of the Association of American Medical Colleges	 Vol. 40(1965) until present	
Academic physician & scientist	2001 Jan.(2001) until present	
Academic questions	 Vol.1(1987) until present	
Academic radiology : official Journal of the Association of University Radiologists, the S...	 Vol. 1(1994) until present	
The Academy of Management journal	 Vol. 6(1963) until 5 years ago. Lopende i.r.g.	
The Academy of Management review	 Vol. 1(1976) until 5 years ago. Vol. 30(2005) until present	
Academy of Marketing Science review	(1997) until present	
Acarology bulletin : newsletter of the Systematic & Applied Acarology Society	Vol. 1(1996) until present	
ACC current journal review	 Vol. 4(1995)-14(2005)	
Accident analysis & prevention	 Vol. 1(1969) until present	

And RSS feeds appear in catalogue records

Wageningen UR Library Catalogue

Record number	60198
Title	Accreditation and quality assurance : journal for quality, comparability and reliability in chemical measurement
Years/volumes	Vol. 1, no. 1(1996)-
Publisher	Berlin [etc.] : Springer
Publication year	1996-
ISSN	0949-1775
e-ISSN	1432-0517
Keyword(s)	analysis / analytical methods / chemical analysis / chemistry / instruments / laboratory equipment / laboratory methods / measurement / methodology / statistical analysis / analytical chemistry
Category	Analytical Chemistry
Publication type	Journal 
Language	en
Library holdings	FORUM ; STACKS ; NN21915 ; Vol. 1(1996)-7(2002); Request this publication from our stacks WWW ; ; Vol. 1(1996)-;



[Hide articles](#)



Recent articles

- 1 [A measurement a concert?](#) [Show abstract](#)
- 2 [Official proficiency tests of the organisation for the prohibition of chemical weapons: current status and future directions](#) [Hide abstract](#)

Sun, 12 Apr 2009 05:49:03 GMT

Abstract The Organisation for the Prohibition of Chemical Weapons (OPCW) has been organising and conducting Official Proficiency Tests (PT) since 1996 in accordance with ILAC-G13 to certify laboratories for the analysis of authentic samples under the provision of Chemical Weapons Convention. The tests are part of a mechanism to ensure that there are laboratories that have proven competence in the analysis of chemicals related to the Convention. Laboratories that have successfully completed the tests are designated by the Director General of the OPCW for analysis of authentic samples. To maintain the Designated Laboratory status, a laboratory must take and pass at least one of the two proficiency tests offered per calendar year. Unlike many proficiency tests, the OPCW PT is qualitative, that is the laboratories must determine if any



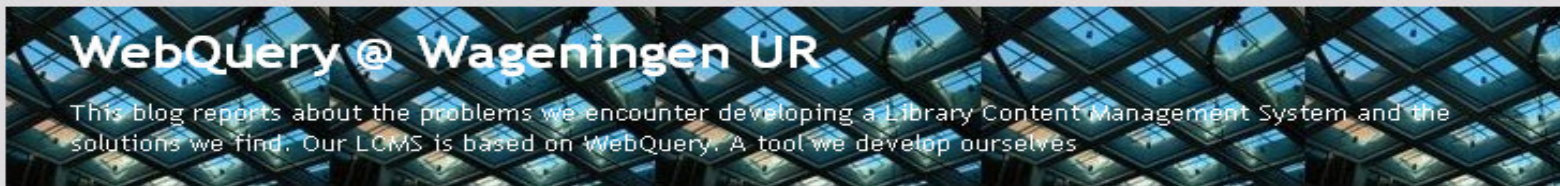
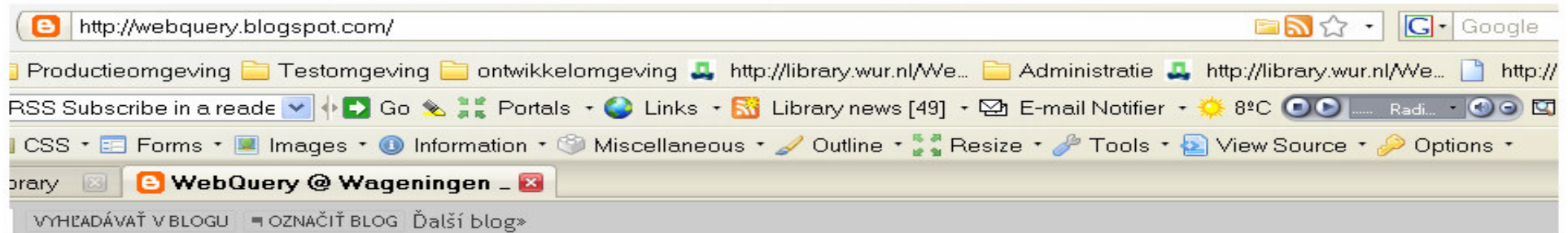
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OK, I did this on Friday 13

- Was it the date ?
- Anyway it lead to discussions on where and when to show what in the library web site.
- In March however it was available on the production site

So I wrote a blogpost on March 12



2009-03-12

RSS services from journals in library catalog

About a month ago, Terry Bucknell of the University of Liverpool announced on the code4lib list, that the ticTOCs project (a project funded by JISC in the UK to create a single, freely available source of RSS feeds for tables of contents - see <http://www.tictocs.ac.uk/>) is exposing their information about journals and their RSS feeds as a TAB delimited file.

I immediately spent two hours to develop a way to read that table into our Library Content Management System and join this table to our catalog records using their ISSN. It took a little longer to get everybody to agree on the way this should be presented in the user interface, but today it can be seen in our production environment.

Wageningen Digital Library



About me



Peter van Boheemen

I am head of application development at Wageningen UR Library, where we develop our own library application

Daniel Forsman is inspired and does the

Subject: Re: Use of ticTOC in library catalog
From: Daniel Forsman <[\[log in to unmask\]](#)>
Reply-To: Code for Libraries <[\[log in to unmask\]](#)>
Date: Thu, 19 Mar 2009 10:50:13 -0400
Content-Type: text/plain

Hi,
inspired by Peters blog blost and implementation we also did a integration
of ticTOC into our library catalog. Here is a example:

http://julia.hj.se/F/?func=find-b&request=International+journal+of+entrepreneurship+and+innov+con_lng=eng

A conversion of the txt file to XML and then a simple lookup service with
PHP. We bundle the result with our query of the SFX API for journal
bibliographic records in the OPAC.

Please contact me if you have any questions on how we did it.

Daniel Forsman
Systems librarian
Jonkoping University Library

Implements his solution on March 19

University Library

Journal of Entrepreneurship and Innovation

View results in LIBRIS databases

Fulltext : 0
Abstracts : 0
Business Source Premier : 188
Class Media

Science & Technology : 0

Views : 0
Center : 0

via Samsök

JULIA Bibliographic record

[Result set](#) | [Add to My shelf](#) | [Save/E-mail](#)

[e-JULIA ▶](#)

Record 1 of 1

JOURNAL

International journal of entrepreneurship and innovation management.

Milton Keynes : Inderscience Enterprises, 2001-

Vol. 1-

1368-275X

[> Entrepreneurship](#) > [Technological innovations](#) > [Entreprenörskap](#) > [Innovationer](#)

[Create set of down-linked records.](#)

Vol. 1- (2001-)

ICE Shelf: Tidskrifter

[◀ Previous record](#)

[Next record ▶](#)

[Bibliographic view](#) | [MARC](#)

e-JULIA link services

- [Search for JCR Impact factor](#)
- [Fulltext available from EBSCOhost Electronic Journals Service](#)
- [Abstract available from Elsevier Scopus](#)
- [Table of content available from Business Source Premier](#)
- [RSS feed for ToC via ticTOC](#) 

Sample of latest articles

- [Interpreneurial strategic behaviour and business performance](#)
- [Entrepreneurship across the border: internationalisation of Dutch SMEs](#)
- [The process of leadership, innovation and decision making through the influence of values](#)
- [The impact of labour market regulations on \(potential\) entrepreneurs: the case of Germany](#)



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I learned

1. The value of groups like Elag and Code4Lib
2. Building speed beats deciding speed

