RSS feeds and applications within Millennium

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Celebrating 10 years of the Millennium/INNOPAC system in GAELIC

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RSS is a family of web feed formats used to publish frequently updated digital content, such as *blogs, news feeds or **podcasts. (From Wikipedia)

RSS feeds is a way for you to receive updates from various websites without having to visit the sites.

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Example of icons used to identify RSS feeds.

*Blogs – (Web log) - Blog posts are made available to masses via RSS feeds.

**Podcasts - Process of distributing multimedia files using RSS to iPods & computers.
How does an RSS feed differ from a website?

A feed can have the same content as a webpage, but it's often formatted differently.

An RSS feed automatically checks the website and downloads new content (to your browser or feed reader) so you can see what is new since you last visited the feed.
What is an RSS feed (cont.)

IE7 Help has detailed description on RSS feeds
Basic technical background

• RSS is based on XML – an international standard for exchange of textual information between applications on the internet.

• RSS feeds deliver its information as an XML file called an “RSS feed”.

There are various versions of RSS, eg.:
• RSS 2.0 – Really Simple Syndication
• RSS 0.91, RSS 1.0 – Rich Site Summary

IE7 supports both

Various versions not always compatible with all feed readers.

An RSS gives you a headline, a summary and a link that leads back to a web site with more information.
Why do you want to use RSS feeds

- Scrutinize large amounts of info on web-based sites without accessing the sites individually.
- Make it possible to review a large amount of online content (headlines) in a very short time.
- Easy way to keep track of new info in specific areas of interest.
- Creates an infrastructure for your client’s information needs.
- By selecting RSS feeds about a topic, brings you all of the latest headlines/research from various web sites that you subscribed to.
- You can peruse daily headlines from various web sites in one place (your Feed Reader or Web browser).
RSS examples

http://www.pretorianews.co.za

IOL SERVICES

- **RSS Feeds**: Receive live updates, straight to your desktop! [RSS]
- **IOL Daily Newsletter**: Latest news from South Africa, Africa and the world.
- **Free IOL headlines** for your website!
- **IOL USSD**: IOL on your phone!

FACT: On average, women are safer drivers than men. They take fewer risks, make more careful decisions, usually stick to the speed limit and frown upon road rage.

PROMOTIONAL SURVEY

As a woman do you want to save 40% on your car insurance premium?

- [ ] Yes
- [ ] No

RSS Feeds: Receive live updates, straight to your desktop! [RSS]
IOL Daily Newsletter: Latest news from South Africa, Africa and the world.
Free IOL headlines for your website!
IOL USSD: IOL on your phone!
RSS examples

Welcome to Beeld's RSS feeds.

RSS (Really Simple Syndication) is a system that allows Beeld to provide updates and links to their website in an RSS format.

You can use the Beeld RSS feeds to keep up with the latest news, including top stories, South Africa news, sport, Sake, and world news.

To use Beeld's RSS feeds, you'll need an RSS reader. You can download these readers for free:

- Bloglines
- FeedDemon
- Firefox Live Bookmarks
- Feedly
- NewsGator
- Radio Userland
- SharpReader
- My Yahoo!

Just add the RSS feed URL or address to your RSS reader and you'll be notified of any new updates on Beeld's website.
RSS examples

House - Western Cape/South Peninsula/Fish Hoek - R3600000

18 June 2007, 10:33 AM

A SPLENDID MODERN HOME! VISUAL SPLENDOR OF SUN. SKY.

Beds: 5
Bathrooms: 4
Reception Rooms: 2
RSS examples

http://www.loc.gov/rss
RSS FEEDS
Get automatic updates whenever we post new events, news, documents and more.

RSS FEEDS
Kia whiwhia te whakahōunga aunoa i ngā tukunga hui hōu, kōrero o te wā, pepamana, te aha noa.

When we post a new event on the National Library website, or update an item, you can be notified straight away through an RSS feed.

RSS (‘Really Simple Syndication’ or ‘Rich Site Summary’) feeds let you read web content without actually visiting a website. They are also called ‘news feeds’, ‘web feeds' or just plain 'feeds'.

National Library RSS feeds
The following links are meant to be used in a feed reader, and are not presented for reading like other web pages. See the full page below to find out more about reading this content in a feed reader.

News
All news items
News for libraries
News for schools
Library tech
Summary of RSS applications in libraries

Library-related
- AIS News – Upcoming events; Training, New Services/databases; etc.
- New books, books ordered, e-books, journal titles in catalogue according to subject.

From other web sites
- Local newspapers.
- News from bookshops.
- Subject specific info.
1. **Use a desktop Feed reader**

   - Install RSS reader software on your PC. **Examples of Readers:**
     - Feedreader: [http://www.feedreader.com](http://www.feedreader.com)
     - Sharpreader: [http://www.sharpreader.com](http://www.sharpreader.com)
     - RSS Reader: [http://www.rssreader.com](http://www.rssreader.com)
     - Snarfer: [http://www.snarfware.com](http://www.snarfware.com)

   - Copy URL of feed into RSS reader.

   - Check the feed reader to see if any of the feeds have new content since the last time it was checked and retrieve that content.

   *Can only be accessed from PC where the reader is installed.*

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**Article “The Best RSS Readers”**
Example of reading feeds with a Feed reader
• **2. Save to your browser (IE7)**

Easy way if your browser supports RSS as a standard feature, eg. Firefox, Internet Explorer7.
How do you read your RSS feeds

Read with a Browser (IE7)

University of Pretoria. Law Library new material
29 June 2007, 04:20:52 AM
Health care law: text and materials / Jean McHale; authors: Jean McHale [...] et al.
29 June 2007, 03:43:32 PM
Towards a European civil code / [et al.]; authors Gerrit Betlem [...] et al.
29 June 2007, 03:43:32 PM

University of Pretoria. Law Library... (121 new)
Updated 1 minute ago
How do you read your RSS feeds

Save to a Browser (Firefox)

University of Pretoria. Economics and Management Science new material

Blue gold: the battle against corporate theft of the world’s water / Maude Barlow, Tony Clarke.
Barlow, Maude.
Seeing what’s next: using the theories of innovation to predict industry change / Clayton M. Christensen, Scott D. Anthony, Erik A. Roth.
Christansen, Clayton M.
Gower handbook of programme management / Geoff Reiss ... [et al.].
The WTO and poverty and inequality / edited by L. Alan Winters.
Graphes et reseaux. English.
Selections. English.
How do you read your RSS feeds

Read with a Browser (Firefox)

University of Pretoria, Economics and Management information system (AIS) feeds
3. **With Millennium**
   - If WebPac Pro is installed.
   - My Record Feeds & RSS Feedbuilder modules are bought as “add on’s”
1. **Link to RSS Feeds from other web sites**

   - **Embed links in OPAC web pages**

     `<a href="http://newsrss.bbc.co.uk/rss/newsonline_world_edition/science/nature/rss.xml" onclick="moreFeed('feed1'); return false;" >BBC News</a>`

   - **RSS Token**

     `<!--{RSS:http://feeds.iol.co.za/rss/feed_southafrica.rss:15:t:t:3}-->IOL`

     15 = Max items to display from the feed
     t = Displays the RSS feed item description
     t = Controls the RSS feed date
     3 = Show both the title and image
2. **Patron Specific Feeds** (My Record Feeds Product)
   - Books due soon/overdue, fines, holds, pickups

Configure with WWWOptions and `<!- -{patfeeds}- -> token`
3. RSS feeds from Saved Searches/Review Files
(Feedbuilder Product)

- New materials received, new book orders, special collections, etc.

<a href="http://innopac.up.ac.za/feeds/LAWnewbooks.xml">New materials: Law Library</a>
Configure the Review Files via the Live Web Server Feeds (XML format)

Millennium configuration

Select Process

- Live Web Server Feeds - live/config/feeds (livefeeds)
- Live Web Server Screens - live/screens (livescreens)
- Live Web Server XSLT - live/screens/xslt (livexslt)
- Staging Web Server Screens - staging/screens (stagingscreens)
- Staging Web Server XSLT - staging/screens/xslt (stagingxslt)

File | Name
--- | ---
1 | AFRnewbooks.conf | Live Web Server Feeds - live/config/feeds (livefeeds)
2 | BMSnewbooks.conf | Live Web Server Screens - live/screens (livescreens)
3 | ECnewbooks.conf | Live Web Server XSLT - live/screens/xslt (livexslt)
4 | EDUnewbooks.conf | Staging Web Server Screens - staging/screens (stagingscreens)
5 | GIBSnewbooks.conf | Staging Web Server XSLT - staging/screens/xslt (stagingxslt)
6 | HUMnewbooks.conf |
7 | KLINewbooks.conf |
8 | LAWnewbooks.conf |
9 | MAMnewbooks.conf |
10 | MEDnewbooks.conf |
11 | MUSnewbooks.conf |
12 | NSEnewbooks.conf |
13 | SPEnewbooks.conf |
14 | TESnewbooks.conf |
15 | VETnewbooks.conf |
16 | WTnewbooks.conf |
17 | newmaterials.conf |
18 | neworders.conf |

Filename: /iiidb/http/live/config/feeds/LAWnewbooks.conf

format=RSS2.0
hostname=innopac.up.ac.za
query_type=b
query=LAWnewbooks
max_items=300
title=New Material at the Law Library, University of Pretoria.
desc=These are the latest titles added to the collection.
lang=eng
item_title=Vit:\Vbt
item_desc=Via:\Vba
record_type=i
date_adj=720
range=5000
### What

1. OPAC embedded links to other web sites
2. Patron specific (Feedbuilder Product)
   - Books due, fines, holds, etc.
3. Any lists created with Innopac create/saved review files

### How

1. With a feed reader
2. Millennium WebOPAC
3. Browser
   - Blogbot
   - IE7/Firefox Feeds (xml Files)
Questions

Thank you.

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