

# **Exploring Web Content Using RSS Newsfeeds**

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# Really Simple Syndication Rich Site Summary



RSS can be understood as a web syndication protocol that is primarily used by news websites and weblogs. RSS allows web developer to publish content on their website format that a in a computer program can easily understand digest. This allows users to easily repackage the content on their own websites or blogs, or privately on their own computers.



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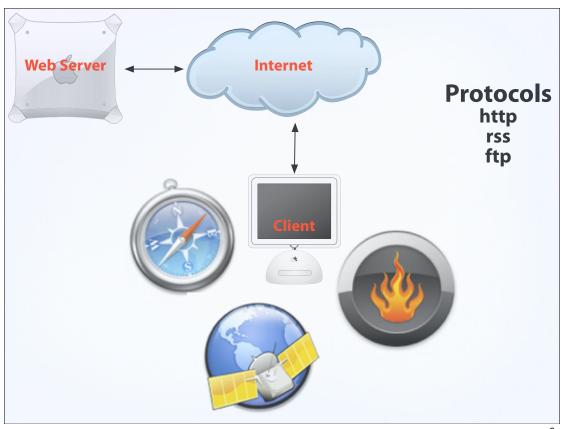
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#### **News Feed Structure**

- · Newsfeeds are written in XML
- · R55 .9, 1.0, 2.0
- · Atom
- · 065
- · OPML

#### **Attachments**

- R55 2.¢ supports the attachment of multimedia files to your feed
- The subscription to attachmentrich feeds is called Podcasting

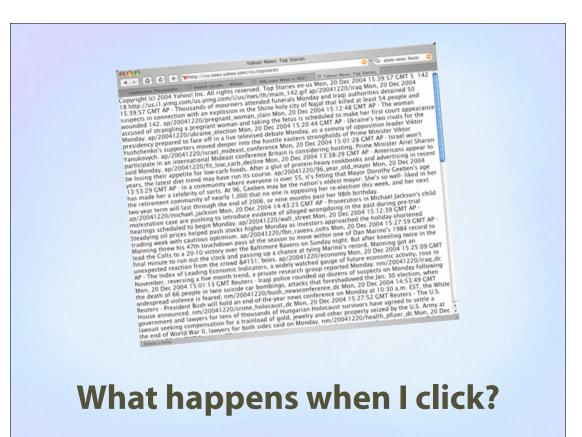


## How will I recognize links to newsfeeds on the web?

- · Look for the keywords:
  - · R55
  - · XML
  - · Atom
- · Look for logos:



The New York Times > RSS 4 ト G + るhttp://www.nytimes.com/services/xml/rss/index.html Q Google □ Apple (78) ▼ Weblogs ▼ News (682) ▼ Richmond ▼ John's Sites ▼ Searches ▼ AWAD Web Favelets ▼ Gooch ▼ CEA ▼ 🔾 exhead: How Odeo Happ... 🔾 PodcastAlley.com -- Th... 🗸 NCQ Talk - The Intersec... 🔾 The New York Times NYTimes.com RSS feeds Personalized Really Simple Syndication (RSS) is an XML-based format for content distribution. NYTimes.com offers several RSS feeds for use in news readers and Web logs (blogs). These feeds include headlines, summaries and links back to NYTimes.com for the full article. RSS feeds are fee and NYTimes.com currently uses RSS 2.0. How to access RSS feeds There are a number of ways to access RSS feeds. You can install a news reader that displays RSS feeds from the žervice. Web sites you select, enabling you to view hundreds of headlines at once. After installing the news reader, you can add each For more information about RSS and descriptions of various news readers, read the New York Times article, "Fine-Tuning Your Filter for Online Information." feed manually from the Web site by clicking on the "Subscribe" or the "XML" orange button next to the feed. How to sign up for NYTimes.com RSS feeds Click on the below content area(s) you're interested in subscribing to, and follow the instructions to add to your news reader or your personal My Yahoo! page. An alternative to downloading a dedicated news reader is to use a Web-based news NYTimes.com Homepage XHL reader. For example, My Yahoo! users can now add RSS feeds directly to their personal page. FREE Automobiles XXII. Movie News Books Movie Reviews NYTimes.com RSS feeds NIGHT XML XIML Multimedia Business by category If your news reader supports OPML, NYTimes.com RSS feeds are available that group content by various news Circuits XML National XML New York / Region Dining & Wine Editorials/Op-Ed XML Real Estate Education Terms for NYTimes.com XML Sports Fashion & Style We encourage the use of NYTimes.com RSS feeds for (S) Sheraton Health Technology XML personal use in a news XML Television News XML reader or as part of a non XML Theater Job Market NEW! XML Travel



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# Web Browsers Supporting RSS

- Firefox I.\$\phi\$ (Mozilla.org)
- · Safari 2.0 (Apple, 05 x 10.4)

## **News Aggregators**

Specific "reader" applications that pull-in and display newsfeeds

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# **News Aggregators**

- · 05 X: NetNewsWire
- · Windows: SharpReader
- · Linux: Straw
- · Web: Bloglines

#### **Find more:**

http://blogspace.com/rss/readers

http://dir.yahoo.com/Computers\_and\_Internet/Data\_Formats/ XML\_\_eXtensible\_Markup\_Language\_/RSS/News\_Aggregators/

## **Demonstration**

- · Nethewswire for 05 X
- · Ranchero Software
- also available: a free "lite"
   version

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# Demonstration | Super Division | Super

# **Benefits of Using RSS**

- Quick access to breaking news and publications
- Sift through, and search-through material quickly
- Get to the material that matters
   Fast

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#### **Links of Interest**

- http://www.aaronsw.com/
- http://www.xml.com/pub/a/2002/12/18/dive-intoxml.html
- http://www.syndic8.com/
- http://www.feedster.com/

# **Publishing RSS Feeds**

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# **Weblog Tools with RSS**

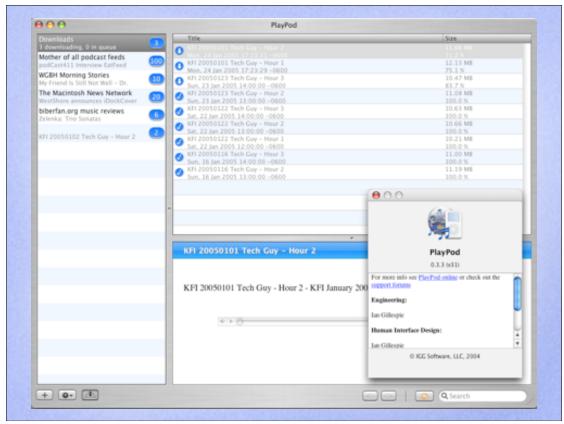
- · Blogger.com
- · WordPress
- · Blosxom
- Movable Type and TypePad
- · Tiget Servet and Blojsom

# Why publish via RSS?

- You'll benefit visitors to your website and keep them up-todate
- http://www.mnot.net/rss/tutorial/
- http://www.feedburner.com/fb/a/home
- http://help.blogger.com/bin/answer.py? answer=697&topic=36

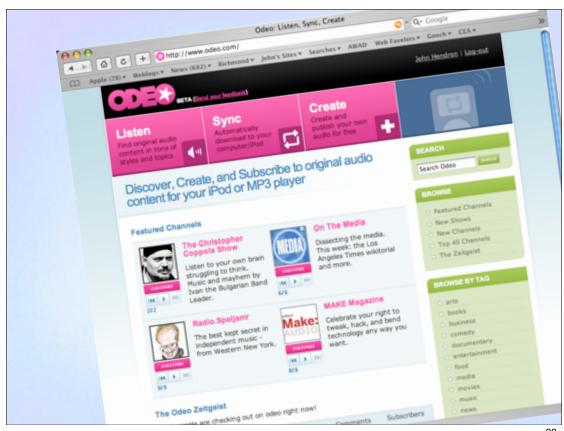
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# **Podcasting**



# **Podcasting Links**

- http://www.ipodder.org/
- http://www.podcasting.net/
- http://www.podcastalley.com/
- http://www.apple.com/itunes
- http://www.evhead.com/2005/02/howodeo-happened.asp
- http://www.apple.com/finalcutstudio/ soundtrackpro/





# Using RSS and Weblogs in Education

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#### **We Are Publishers**

- Administrators, Teachers, and Students become publishers of information-specific to each group's job
- collaboration is fostered through a virtual community





## 2 installations of Tiger Server

- <u>Blojsom</u> Open-Source Weblog System
- · Managed through open directory
- Student server-in house (intranet), teacher server-same as web server

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# **Questions?**

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