Table of Contents

Headlines Plugin **1**
- Description 1
- Syntax Rules 1
  - Rendering the dc namespace 1
  - Rendering the image namespace 2
  - Rendering the content namespace 2
- Examples 2
  - Slashdot News 2
  - Business Opportunities Weblog 2
- Plugin Settings 2
- Style sheets 3
- Plugin Installation Instructions 4
- Plugin Info 4

Headlines Plugin

Description

This plugin displays RSS and ATOM feeds from news sites. Use it to build news portals that show headline news.

Note: Syndic8.com (http://www.syndic8.com/) is a good site listing many RSS feeds.

Syntax Rules

`%HEADLINES{"..."}%`

Parameter	Explanation	Default
`"..."`	source of RSS feed; this can be an url (starting with http) or a web.topic location for internal feeds	None; is required
`href="..."`	(Alternative to above)	N/A
`refresh="60"`	Refresh rate in minutes for caching feed; `"0"` for no caching	Global `REFRESH` setting
`limit="12"`	Maximum number of items shown	Global `LIMIT` setting
`header`	Header. Can include these variables: - $channeltitle, $title: title of channel (channel.title) - $channellink, $link: link of channel (channel.link) - $channeldescription, $description: description (channel.description) - $channeldate, $date: publication date of the channel (channel.pubDate) - $rights: copyrights of the channel (channel.copyright) - $imagetitle: title text for site (image.title) - $imagelink: link for site (image.link) - $imageurl: URL of image (image.url) - $imagedescription: description of image (image.description)	Global `HEADER` setting
`format`	Format of one item. Can include these variables: - $title: news item title (item.title) - $link: news item link (item.link) - $description: news item description (item.description) - $date: the publication date (item.pubDate, item.date) - $category: the article category (item.category)	Global `FORMAT` setting

The `header` and `format` parameters might also use variables rendering the `dc`, `image` and `content` namespace information. Note, that only bits of interest have been implemented so far and those namespaces might not be implemented fully yet.

Rendering the `dc` namespace

The following variables are extracting the `dc` namespace info, that could be used in `header` and `format`. Nnote, that some of the variables are already used above. This is done by purpose to use different feeds with the same formating parameters. If there's a conflict the non-dc tags have higher precedence, i.e. a <title> content </title> is prefered over <dc:title> content </dc:title> .

- $title: channel/article title (dc:title)
- $creator: channel creator (dc:creator)

- $subject: subject text; this will also add an image according to the subject hash list, see above (dc:subject)
- $description: ... (dc:description)
- $publisher: the channel/article publisher (dc:publisher)
- $contributor: ... (dc:contributor)
- $date: ... (dc:date)
- $type: ... (dc:type)
- $format: ... (dc:format)
- $identifier: ... (dc:identifier)
- $source: ... (dc:source)
- $language: ... (dc:language)
- $relation: ... (dc:relation)
- $coverage: ... (dc: coverage)
- $rights: ... (dc: rights)

Rendering the `image` namespace

An `image:item` is converted into an <img> tag using the following mappings:

- `src`: image url (rdf:about attribute of the image.item tag)
- `alt`: image title (title)
- `width`: image width (image:width)
- `height`: image height image:height)

Rendering the `content` namespace

The variable $content is refering to the <content:encoding> content </content:encoding>.

Examples

Slashdot News

Write

```
%HEADLINES{"http://slashdot.org/slashdot.rdf" header="---+!! [[$link][$title]]$n $descript
```

to get the latest Slashdot news as a bullet list format:

Business Opportunities Weblog

Write

```
%HEADLINES{"http://www.business-opportunities.biz/feed" limit="3"}%
```

to get the latest postings on the "Business Opportunities" weblog:

Plugin Settings

Plugin settings are stored as preferences variables. To reference a plugin setting write **`%<plugin>_<setting>%`**, for example, **`%HEADLINESPLUGIN_SHORTDESCRIPTION%`**. **Note:** Don't modify the settings here; copy and customize the settings in Main.SitePreferences. For example, to customize the USERAGENTNAME setting, create a HEADLINESPLUGIN_USERAGENTNAME setting in Main.SitePreferences.

- One line description, shown in the TextFormattingRules topic:
    - Set SHORTDESCRIPTION = Show headline news in Foswiki pages based on RSS and ATOM news feeds from external sites

- Refresh rate in minutes for cached feeds. Disable caching: `0`, default: `60`
    - Set REFRESH = 60

- Maximum number of items shown. Default: `100`
    - Set LIMIT = 100

- Use LWP::UserAgent, or fallback to Foswiki's internal `getUrl()` method. Default: `yes`
    - Set USELWPUSERAGENT = yes

- Timeout fetching a feed using the LWP::UserAgent. Default: `20`
    - Set USERAGENTTIMEOUT = 20

- Name of user agent. Default: `FoswikiHeadlinesPlugin/2.21.2`

```
* Set USERAGENTNAME = FoswikiHeadlinesPlugin/2.21.2
```

- Default header: (variables are explained in the syntax rules)

```
* Set HEADER = <div class="headlinesChannel"><div class="headlinesLogo"><img src="$i
```

- Default format of one item: (variables are explained in the syntax rules)

```
* Set FORMAT = <div class="headlinesArticle"><div class="headlinesTitle"><a href="$l
```

- Values taken from configure: (only supported if CPAN:LWP is installed)
    - `$Foswiki::cfg{PROXY}{HOST}` - proxy host, such as `"proxy.example.com";`
    - `$Foswiki::cfg{PROXY}{PORT}` - proxy port, such as `"8080";`
    - `$Foswiki::cfg{PROXY}{SkipProxyForDomains}` - domains excluded from proxy, such as `"intra.example.com, bugs.example.com";`

Style sheets

The default HEADER and FORMAT settings use the following styles. See the style.css file defining the default CSS properties (indentation illustrates enclosure).

- headlinesRss: output of the HeadlinesPlugin (div)
    - headlinesChannel: channel header (div)
        - headlinesLogo: channel logo (div)
        - headlinesTitle: channel title (div)
        - headlinesDate: channel date (div)
        - headlinesDescription: channel description (div)
        - headlinesRight: channel copyright (div)
    - headlinesArticle: one news item (div)
        - headlinesTitle: article title (div)
        - headlinesDate: article date (span)
        - headlinesCreator: author of article (span)
        - headlinesSubject: subect category of the article (span)
        - headlinesText: article text (div)

Plugin Installation Instructions

You do not need to install anything in the browser to use this extension. The following instructions are for the administrator who installs the extension on the server.

Open configure, and open the "Extensions" section. Use "Find More Extensions" to get a list of available extensions. Select "Install".

If you have any problems, or if the extension isn't available in `configure`, then you can still install manually from the command-line. See http://foswiki.org/Support/ManuallyInstallingExtensions for more help.

Check if above examples show a news feed instead of variable.

Plugin Info

Plugin Author:	TWiki:Main.PeterThoeny, Foswiki:Main.MichaelDaum (2005-2007)
Copyright:	© 2002-2009, Peter Thoeny, TWIKI.NET; 2005-2007, Michael Daum http://wikiring.de
License:	GPL (GNU General Public License)
Release:	2.21.2
Version:	6822 (2010-03-21)
Change History:	
09 Mar 2010:	can now use `0` properly with `HEADLINESPLUGIN_REFRESH`, `HEADLINESPLUGIN_LIMIT`, `HEADLINESPLUGIN_USERAGENTTIMEOUT`
08 Mar 2009:	Ported without changes to Foswiki namespace by Kenneth Lavrsen and put under "Feel Free To Modify" in Foswiki context.
12 Feb 2009:	{PROXY}{HOST} supports domain with and without protocol -- Peter Thoeny
06 Feb 2009:	added {PROXY}{SkipProxyForDomains} configure setting, added USERAGENTNAME plugin setting -- Peter Thoeny
11 Dec 2008:	added {PROXY}{HOST} and {PROXY}{PORT} configure settings -- Peter Thoeny
13 Sep 2007:	fixed parsing of content:encoded
23 Jul 2006:	improved atom parser; if a posting has no title default to 'Untitled'
26 Apr 2006:	added lazy compilation
10 Feb 2006:	packaged using the TWiki:Plugins/BuildContrib; minor fixes
03 Feb 2006:	off-by-one: limit="n" returned n+1 articles; make FORMAT and HEADER format strings more robust
23 Jan 2006:	released v2.00
05 Dec 2005:	internal feed urls must be absolute
02 Dec 2005:	added web.topic shorthand for internal feeds
29 Nov 2005:	fixed CDATA handling
21 Nov 2005:	added ATOM support; extended RSS support; added dublin core support; added content support; optionally using LWP to fetch feeds to follow redirections; corrected CPAN dependencies ;

	recoding special chars from html integer to entity encoding to increase browser compatibility; added css support; use `getWorkArea()` if available
11 May 2005:	TWiki:Main.WillNorris: added DevelopBranch compatability
31 Oct 2004:	Fixed taint issue by TWiki:Main.AdrianWeiler; small performance improvement
29 Oct 2004:	Fixed issue of external caching if mod_perl or SpeedyCGI is used
02 Aug 2002:	Implemented caching of feeds, thanks to TWiki:Main/RobDuarte
11 Jun 2002:	Initial version (V1.000)
Perl Version:	5.008
Home:	Foswiki:Extensions/HeadlinesPlugin
Support:	Foswiki:Support/HeadlinesPlugin

Edit | Attach | Print version | History: %REVISIONS% | Backlinks | Raw View | More topic actions
Topic revision: r1 - 13 Feb 2009 - 04:55:45 - ProjectContributor

- System

- Log In

- **Toolbox**
- Users
- Groups
- Index
- Search
- Changes
- Notifications
- RSS Feed
- Statistics
- Preferences

- **User Reference**
- BeginnersStartHere
- TextFormattingRules
- Macros
- FormattedSearch
- QuerySearch
- DocumentGraphics
- SkinBrowser
- InstalledPlugins

- **Admin Maintenance**
- Reference Manual
- AdminToolsCategory
- InterWikis
- ManagingWebs
- SiteTools
- DefaultPreferences
- WebPreferences

- **Categories**
- Admin Documentation
- Admin Tools
- Developer Doc
- User Documentation
- User Tools

- **Webs**
- Public
- System

Copyright © by the contributing authors. All material on this site is the property of the contributing authors.
Ideas, requests, problems regarding Wiki? Send feedback