RSS Feeds

A Feeds feed is a summary of a Website's news, files, and other activities that it distributes or syndicates to other Websites and individual users. Feeds is an acronym for Really Simple Syndication. Indeed, Feeds files are a nearly painless way to syndicate news and articles from one site to many. For instance, Feeds files can be used to gather Slashdot news and Freshmeat releases, and display them on your Tiki.

Tiki is remarkably flexible when it comes to RSS. It can both display external Feeds feeds from other sites in user modules and elsewhere and syndicate its activities (blogs, articles, forums, etc.) to other Websites via RSS.

The configuration of outgoing Feeds feeds is explained in Feeds main page. In this document, we'll cover the configuration of incoming Feeds feeds from external sources.

To access: Click the Feeds icon on the Admin Panel or Access http://example.org/tiki-admin.php?page=rss

Brief summary

To add an Feeds feed from another site in to your tikiwiki site:

1. Admin &gt; Feeds Modules &gt; Create new Feeds module
2. Complete the form using a descriptive title and proper Feeds URL. Save.
3. Note the Feeds Channel ID
4. On the wiki page, add when "n" is the Feeds channel ID. Put a title above. Preview. OR Add in Admin &gt; Modules &gt; User Module, create a new user modules with the Feeds channel ID.

Create Feeds Modules

First you have to configure the Feeds feeds that you want to use. As an admin-level user, click the RSS feeds link from the Admin (click!) section of the Application menu to enter the Admin Feeds modules screen.

Create a new RSS module panel can be used to create and configure incoming Feeds feeds. Complete the fields on the form to create a new Feeds module:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Name of the Feeds feed. This could be the website or publisher.</td>
</tr>
<tr>
<td>Description</td>
<td>Short description of the Feeds feed.</td>
</tr>
<tr>
<td>URL</td>
<td>The URL of the Feeds feed. Normally this will be an XML file. E.g., <a href="http://slashdot.org/slashdot.rdf">http://slashdot.org/slashdot.rdf</a>. You can use also TikiWiki feed(ex: hhtP//my.com/tiki-tracker_rss.php?trackerId=1)</td>
</tr>
</tbody>
</table>
Refresh rate  Specify how often Tiki should refresh the feed, from once per minute to once per day. Normally you don't want to refresh the feed each time you display it since that can make the site offering the feed slower. So Tiki caches Feeds feeds and refreshes them using the interval of time you indicate here.

Show feed title  Specify if the feed's title (as defined by the publisher) should be displayed when you include the Feeds module on a wiki page.

Show publish date  Specify if the publication date for each item in the feed should be displayed when you include the Feeds module on a wiki page.

The module (the Feeds feed from another site) can then be included in a Tiki wiki page. When you save the new module, Tiki will assign a unique ID to the module and your new module will appear in RSS channels.

In this example we have 2 feeds configured:
- The Slashdot feed is refreshed each 60 minutes and the URI is http://slashdot.org/slashdot.rdf
- The Salon feed is refreshed each 360 minutes and the URL is http://xml.newsisfree.com/feeds/82/783.xml

The righthand column of this table contains actions you can do to your channels: remove, edit, and view.
- Clicking view previews the feed--showing a bullet list of a site's content. E.g., from Slashdot:

  - New WiFi: Standards, Double the Data?
  - Sony Shoots For 4-Filter CCD, 8 Megapixel Camera
  - Debian: A Brief Retrospective
  - World's First Game-Playing DNA Computer
  - RPC DCOM Cleanup, Worm Appears
  - GIS Alert Shipping
  - Ask a Music Producer/Publicist About Filesharing and the RIAA
  - The Death of a Universe
  - Profile of An Internet Rockie
  - Palm Reveals New Name

- RSS Channels also shows the last time the feed was updated. Unlike other weak Feeds systems, Tiki won't crunch the cache if it cannot connect to the external site when it needs to refresh it. If a site goes down, Tiki will show the last cached version of the feed without errors or problems to your site.
- Note that the RSS channels panel also assigns an ID number to each channel. You'll use this to import Feeds feeds into your Tiki.

**RSS own Tikiwiki feeds**
- tiki-tracker_rss.php with the following parameters

  trackerId  Id of the tracker
  sort_mode
  filterfield  fieldId separated by : you want the items filtered with
Incorporate Feeds Channels Into Your Tiki User Modules

Now your Tiki is ready to receive Feeds feeds. So, how do you insert them into your site? If you'd like to have them appear as a module in one of your columns, you must create a new user module. For full information on module creation, please see Module Admin.

As an admin-level user, click the Modules link from the Admin (click!) section of the Application menu to enter the Admin Modules screen. Scroll down to the Create new user module panel.

First time administrators of Tiki may think that this means you are creating a module for a new user. But no! You are creating a user module for the first time—that is, a new one!

![Create new user module](image)

Enter:

- **A Name** for your module, which will be used to identify it later.
  - E.g., *Slashdot*
- **A Title**, which will appear on screen when the module is displayed.
  - E.g., *Slashdot News*
- **data**, that is, a bit of code--HTML permitted--that incorporates your channel(s) into the module. RSS-channel data is displayed using the following syntax (remember the **ID** number that we created for each Feeds channel?):
  - Replace *x* with the **ID** number of the channel.
  - Replace *y* with the maximum number of items that you want displayed.
    - In this example, we've used the channel-feed **ID** number for Slashdot on our system and limited it to five items.
  - Tiki will automate this process for you:
    - From the **Objects that can be included** side of the panel, pick a channel from the drop-down list labelled RSS modules. Then click the link, use rss module to automatically insert...
the channel data into the data box.

- However, it will not set a max number for you.

- You may now embellish the module data by adding HTML tags. In this example, we wanted the Slashdot headlines to be numbered and so we added a ordered list tag to it.
  - Tiki provides a basic WYSIWYG (What You See Is What You Get) editor to facilitate HTML coding. Click Use wysiwyg editor to try it out.
  - Tip: You can include more than one Feeds channel in a single module.
  
- Click create/edit to complete the module-creation step.

Next, you must tell Tiki where to display this new module. In other words, you must assign it to the Tiki layout.

![Assign new module](image)

- Once you’ve create your Feeds user module, it’ll appear in the Module name drop-down list in the Assign new module panel. Select it.
- Decide on its Position in the left, center or right column of your Tiki.
- Give it a number to determine its relative Order (top to bottom) in the column.
- Select which Groups will be permitted to see this module. Select more than one group by Control-clicking.
  - Group permissions are explained further in PermissionAdmin.
- Click preview to see what your module will look like. When you’re satisfied, click assign.
  - For example, here’s how our Slashdot module turned out:

![Assigned Modules](image)

Once it’s been assigned, it’ll appear in the Assigned Modules panel, where it may be edited, moved up/down, or deleted (the x link).

Wiki Pages

You can include Feeds channels in a Wiki page through the same syntax as in modules (using PluginRSS):
Since 2011 (r35006 for Tiki 7?) you can access search results as a simple RSS feed using an extra \texttt{httpaccept} parameter. Note the plus sign and slash in the mime type \texttt{application/rss+xml} need to be url encoded.

\begin{verbatim}
tiki-searchindex.php?httpaccept=application%2Frss%2Bxml&filter~content=foo
\end{verbatim}

See also

- Article Generator

Alias

- RSS User