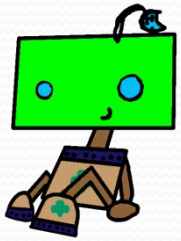
You
and

About Me

- I am a displaced Space Worker where I was a Systems Software Engineer for 33 years.
- I am a self taught HTML web designer.
- I have been working with Drupal for the past year and 30 weeks with Mike Anello at DrupalEasy.
- I love to help others learn about Drupal
- My Drupal name is cachee/1962634
- My Twitter name is girlscoutmentor
- Other interests FLL Robotics, SeaPerch Robots, teaching others about what I know

Why?

- I picked this topic because I had a need to place Facebook data on a site
- I found several different way to accomplish this task
  - Use a Drupal module
  - Use a Feeds Facebook app
  - Use a html code
- We will talk about the first two

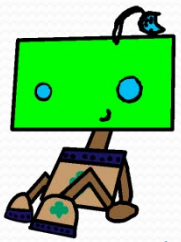


Drupal Module

- The Drupal module is *Facebook Stream*
- Version

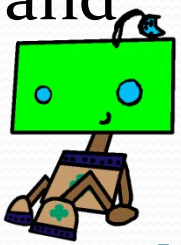
  http://drupal.org/sandbox/ben.denham/1959688

  - This module is easy to configure after you have a Facebook Application
  - It will create a block
  - Supports only one stream
  - You configure the stream at admin/config/services/fb_stream



Setup Parameters Needed

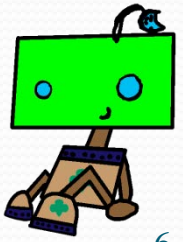
- Facebook App ID
- Facebook Secret ID
- Facebook Page ID (ID of the page to be displayed)
- Restriction option
- Number of items to be displayed
- Type of posts to display (Status, Link, Photo, Video or Other)
- Advanced Options are Maximum stream requests and number of hours to cash



Sample Output

Facebook Stream

	Heading to @drupalcon Portland? Check out podcast 103 for tips from the organizers! http://t.co/xSeYXBGhCD Apr 15, 2013
	Podcast 103 features picks of the week about Geocoding, creating entities, and pinball! http://t.co/xSeYXBGhCD Apr 13, 2013
	We dive into @drupalcon Portland with @heyrocker and @squishymichelle on podcast 103: http://t.co/O5WYZ1Fjj8 Apr 12, 2013
	Heading to DrupalCamp Florida or some other well-attended Drupal event in the near future? Here's some great tips on how to avoid the Drupal Flu! http://wunderkraut.com/blog/how-to-avoid-the-drupal-flu/2013-04-10 Apr 11, 2013
	Podcast 103 with @squishymichelle and @heyrocker discussing @drupalcon Portland is now available: http://t.co/O5WYZ1Fjj8 Apr 11, 2013
	All you need to know about @drupalcon Portland on podcast 103: http://t.co/O5WYZ1Fjj8 Apr 10, 2013



Determining The Facebook ID

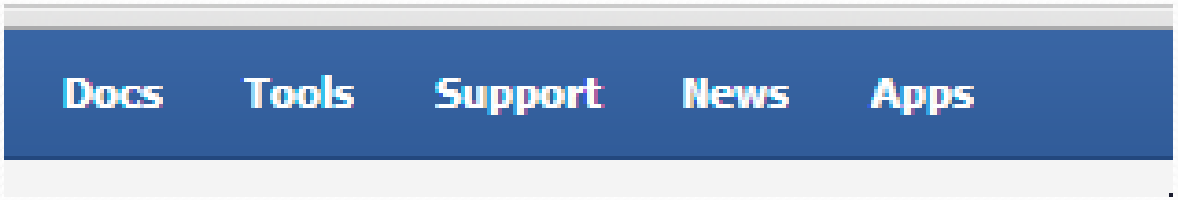
Following are the steps to obtain the ID:

- To get the Facebook Id use the following:
  - https://graph.facebook.com/*site_name*
  - You will find the "id": field and save the ID number.

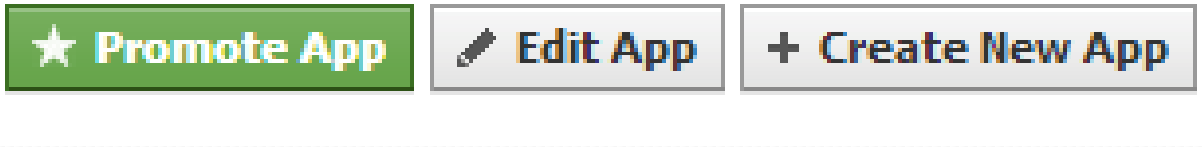

```
{
   "id": "19088299704",
   "about": "We've changed our name to DrupalEasy! Check us out at http://drupaleasy.com !",
   "app_id": "0",
   "can_post": false,
   "category": "Product/service",
   "checkins": 0,
   "company_overview": "DrupalEasy is training and consulting focused on making it as easy as
possible for users to leverage the power of Drupal for content management. We've spent years
becoming experts; guiding small, medium and mass market clients to power their web-based
applications with the Drupal platform. Getting information, training, or assistance with content
management through DrupalEasy is, well, easy.",
```

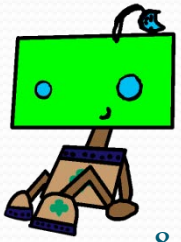
Facebook App ID And Secret ID

- To get the Facebook App ID and Secret ID you must create a Facebook App
- Using this address https://developers.facebook.com/ to access the Facebook tools
- Click on the "Apps" link in the upper menu



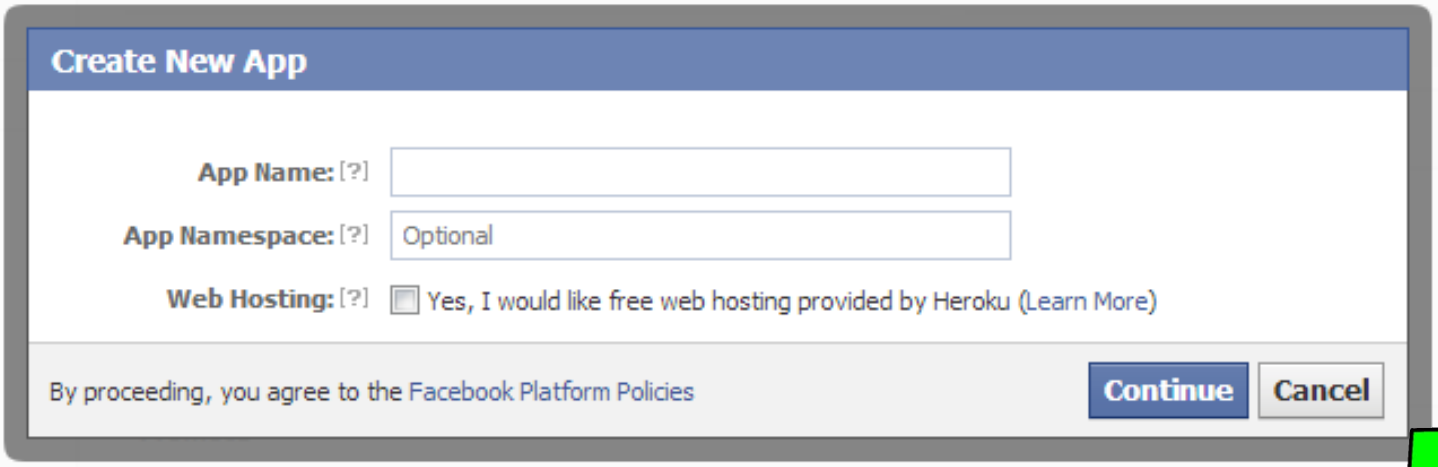
- Log In (if needed) and click on the "+ Create New App"





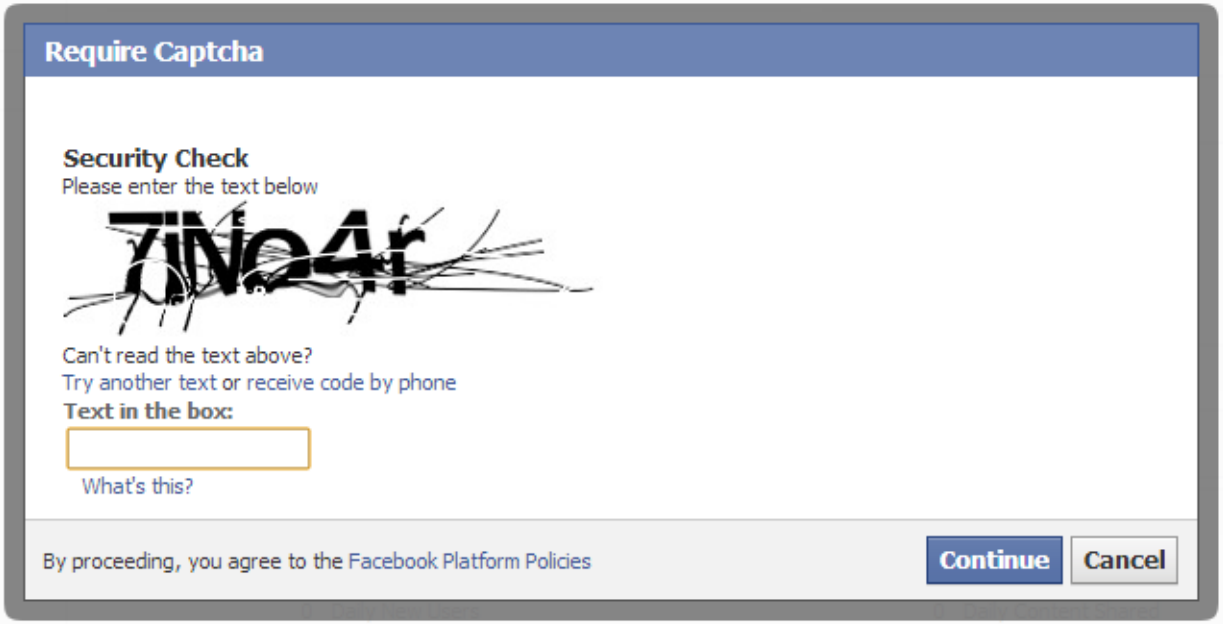
Building The App

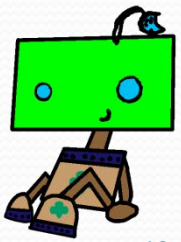
- Give your App a name (wait for the verification to completed before continuing)
- Click “Continue”



Completion Of The App

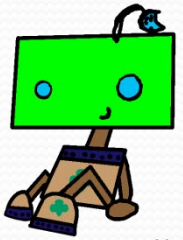
- Enter in the “Captcha” value
- Click “Continue”



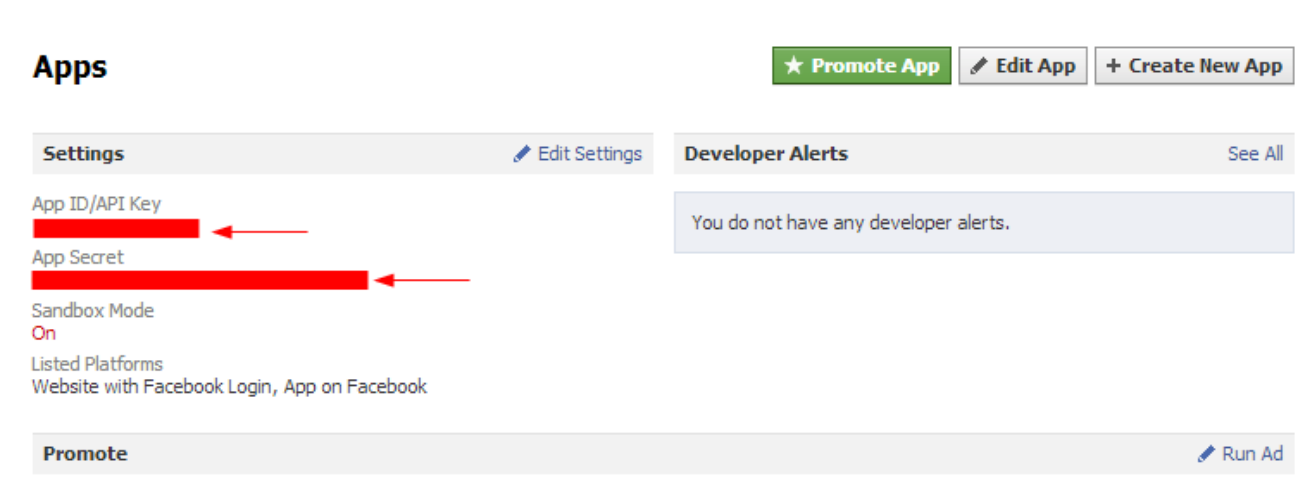


Finding The App ID And Secret

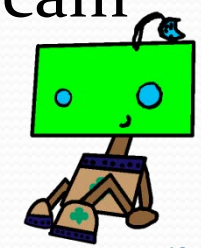
- Return to https://developers.facebook.com/apps to access the App ID and App Secret



App ID And App Secret



- Now that you have your ID and Secret go back to your Drupal Site and configure the stream at admin/config/services/fb_stream to input the stream information



FACEBOOK APPLICATION DETAILS

A Facebook application is required to access Facebook's Graph API. If you do not have a Facebook application, you can create one at: https://developers.facebook.com/apps.

Facebook Application ID

146206785550770

The App ID/API Key of your Facebook application.

Enter the Facebook App

Facebook Application Secret

The App secret of your Facebook application.

Enter the Facebook Secret

STREAM RESULTS CONFIGURATION

Options for configuring the results displayed in the Facebook stream block.

Facebook Page ID

100000168788785

The ID of the Facebook page to retrieve the stream from.

Enter the id of the Facebook feed you are want to display

☑ Restrict stream to posts published by the page

If this is selected, then only posts that were published by the page itself will be displayed in the stream.

Number of Items to Display

5

The maximum number of items to display in the stream.

Allowed Facebook Post Types

☐ Status

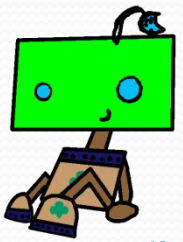
☐ Link

☐ Photo

☐ Video

☐ Other

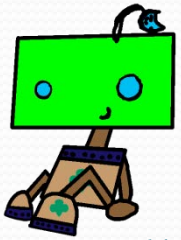
The types of Facebook posts to display on the stream. (Leave all checkboxes unticked to allow all post types.)



Configure The Block

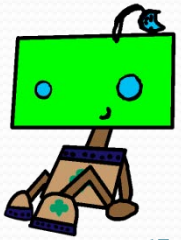
- After saving the configuration set the block
- Go to Structure->Blocks and find the FB Stream block and move it to the appropriate region

- The stream is now visible



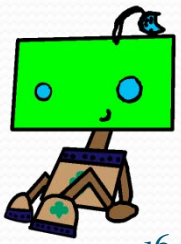
Using A Feed

- Enable the Feeds, Feeds Admin UI, Feeds Importer Module, Feeds News (This will create your Feeds Content type)
- Create a content type to store the feed items at admin/structure/types/add
- Go configure the feed admin/structure/feeds
  - Edit the “Feed” to attached to the appropriate content type
  - Set how often you would like the feed to be imported or refreshed



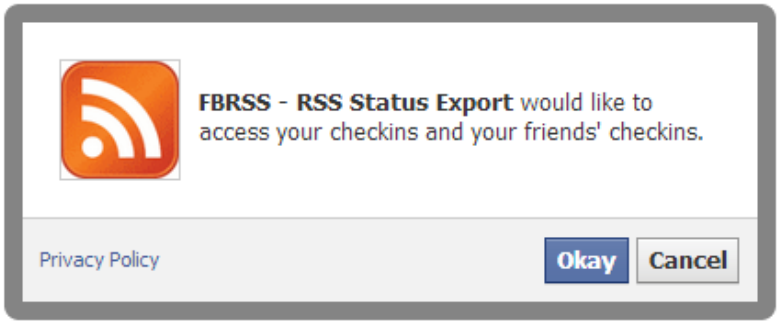
Facebook Feed

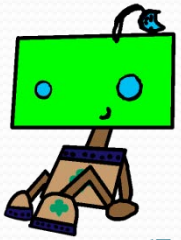
- You access a Facebook feed using the following App http://fbrss.com/
- You can access your friends feed and pages that you have “liked”



Facebook Feed "cont."

- Click on the "Connect with Facebook"
- Click "okay"



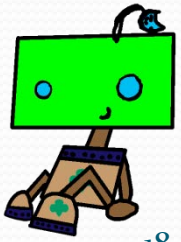


Facebook Feed "cont."

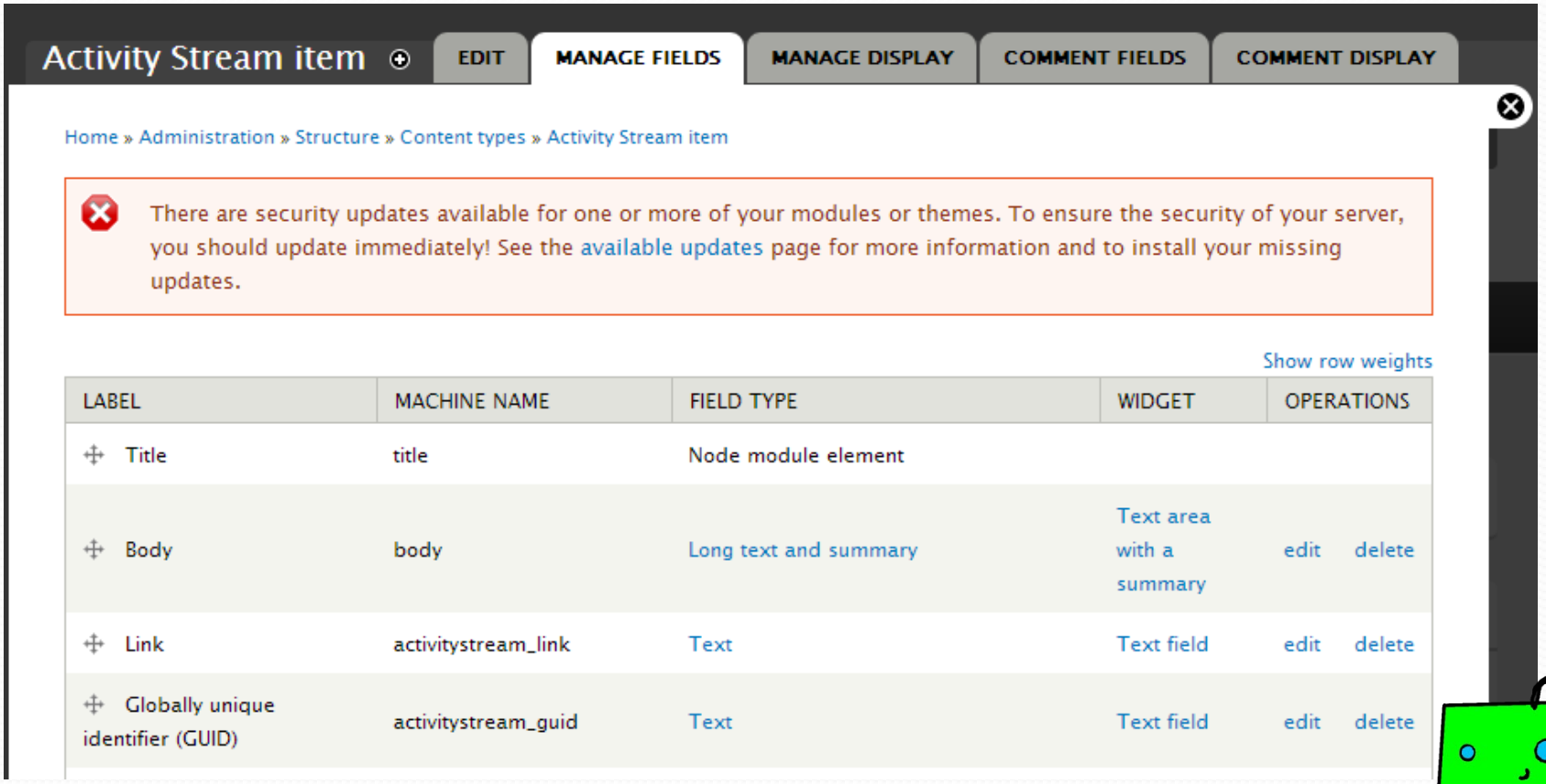
RSS feeds for pages you like

ABC Bakers	RSS Feed Link for ABC Bakers
Ace Hardware Titusville	RSS Feed Link for Ace Hardware Titusville
Amazon.com	RSS Feed Link for Amazon.com
Catholic Saint of the Day	RSS Feed Link for Catholic Saint of the Day
Danielle Nichol Photography	RSS Feed Link for Danielle Nichol Photography
Dio Of Orlando Office Of Vocations	RSS Feed Link for Dio Of Orlando Office Of Vocations
DrupalEasy	RSS Feed Link for DrupalEasy
Epcot - Walt Disney World	RSS Feed Link for Epcot - Walt Disney World
FIRST - For Inspiration and Recognition of Science and Technology	RSS Feed Link for FIRST - For Inspiration and Recognition of Science and Technology
First Presbyterian Church	RSS Feed Link for First Presbyterian Church
Fla-Vor-Ice	RSS Feed Link for Fla-Vor-Ice
Florida Drupal Camp	RSS Feed Link for Florida Drupal Camp
Girl Scout First Headquarters	RSS Feed Link for Girl Scout First Headquarters
Girl Scouts	RSS Feed Link for Girl Scouts
Girl Scouts of Citrus Council	RSS Feed Link for Girl Scouts of Citrus Council
Google	RSS Feed Link for Google
IBM	RSS Feed Link for IBM
Intel	RSS Feed Link for Intel

- Hover over the "RSS Feed Link" to get the URL for your favorite friend or page
- Right click to access and copy the information

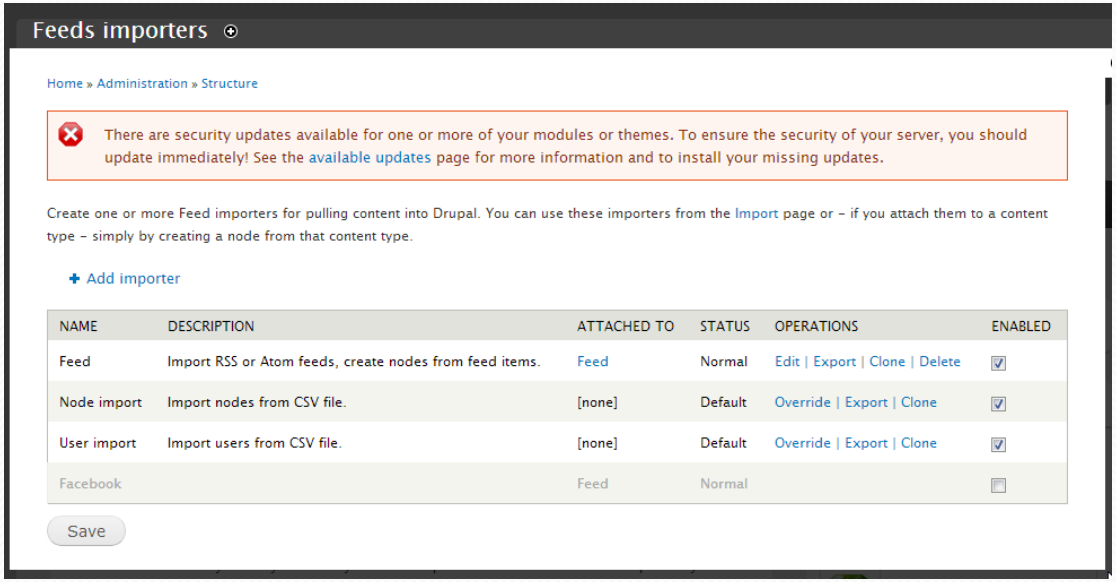


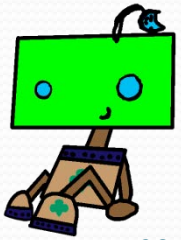
Setting Up Content Type



Feed Importer

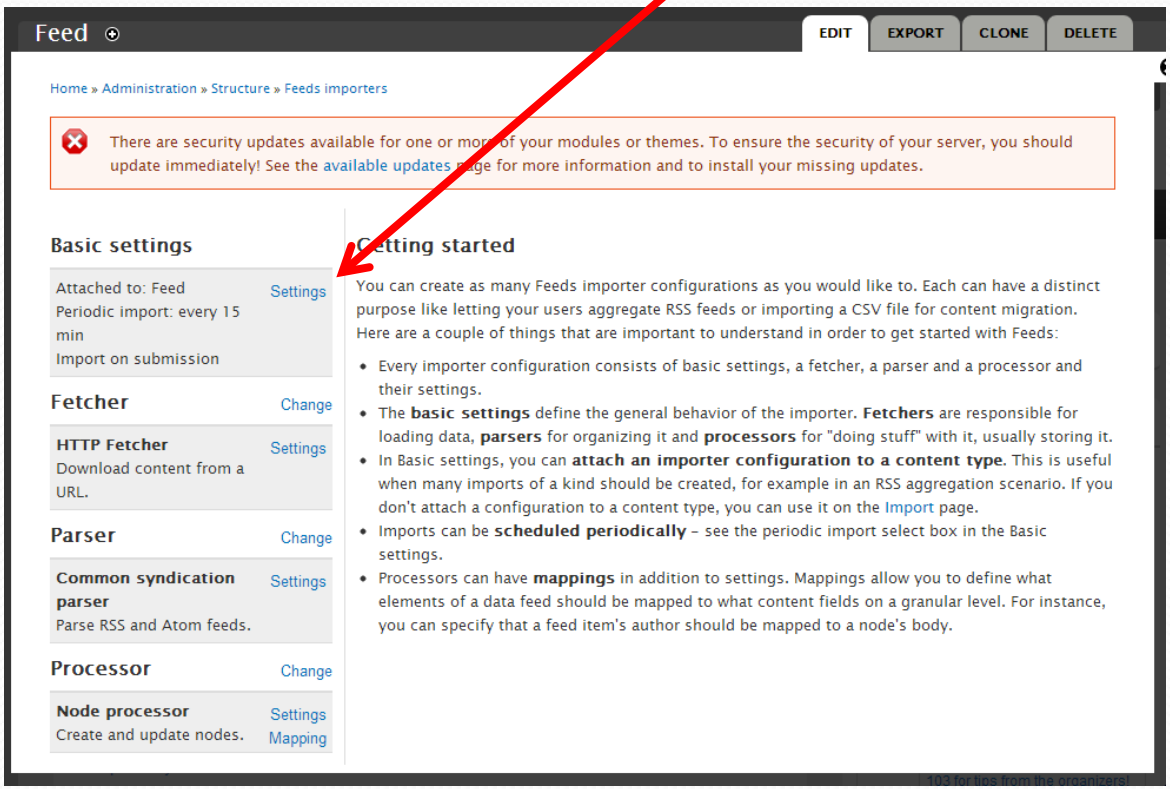
- Setup the Importer structure -> Feeds importer
- If not available add the “Feed” Importer by click on the “Add importer”. If available click the “Edit” button to verify the data.

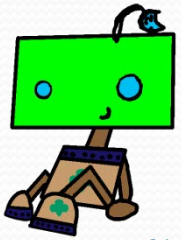




Feed Setup

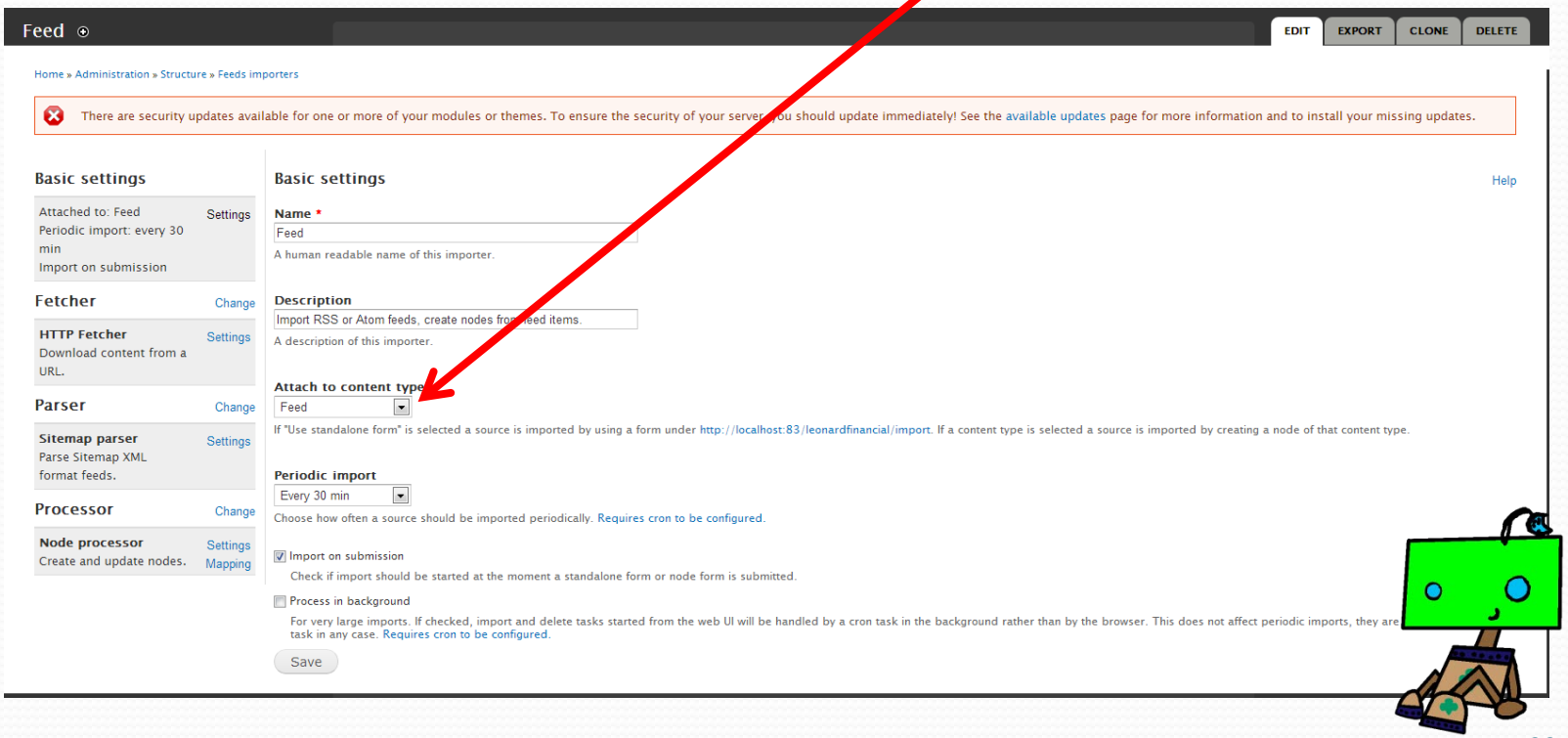
- You will walk down the page selecting each of the settings tabs to verify the data





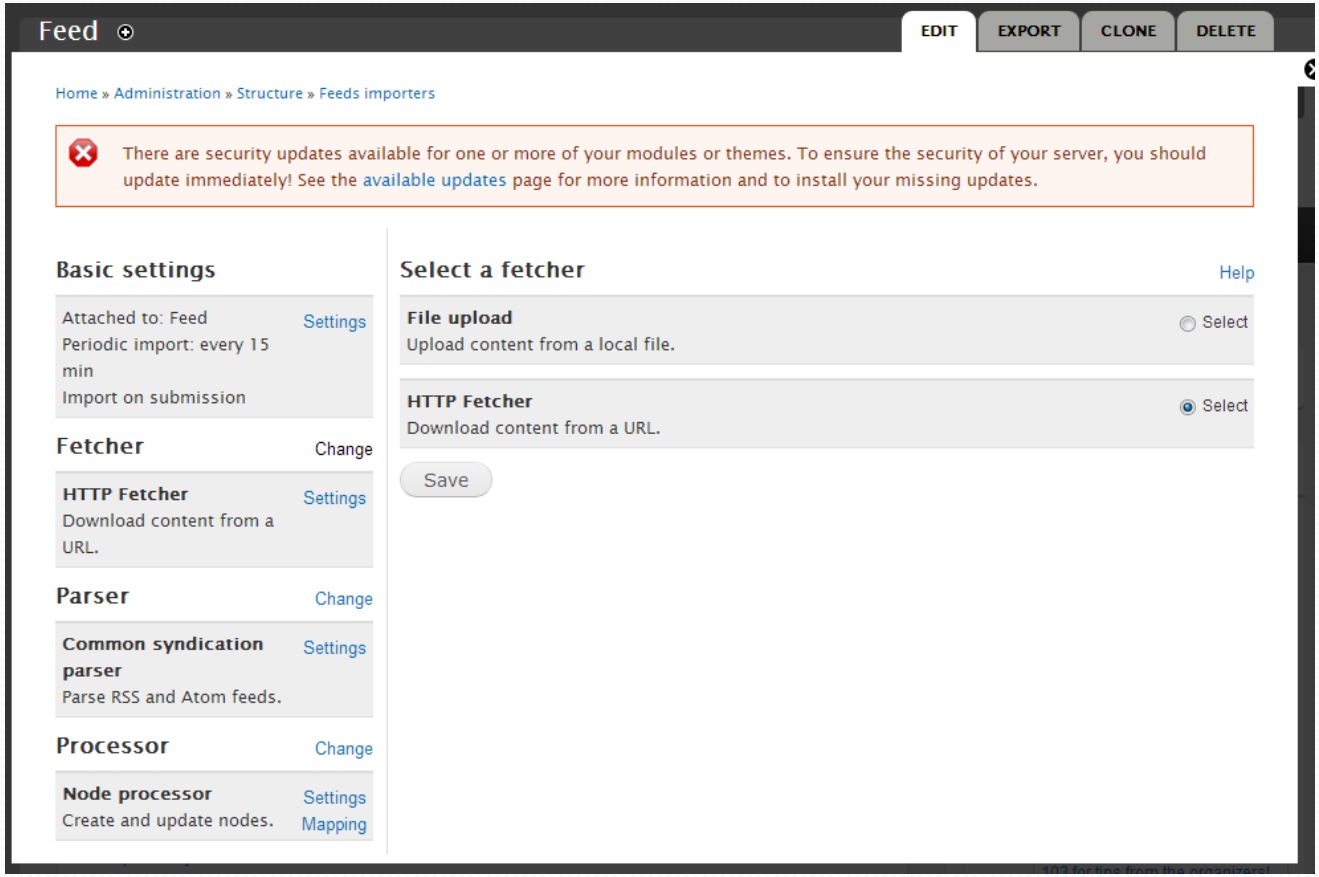
Feed Setup

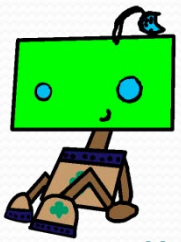
- Verify the input “content type” is proper
- Save after updating each page



Fetcher

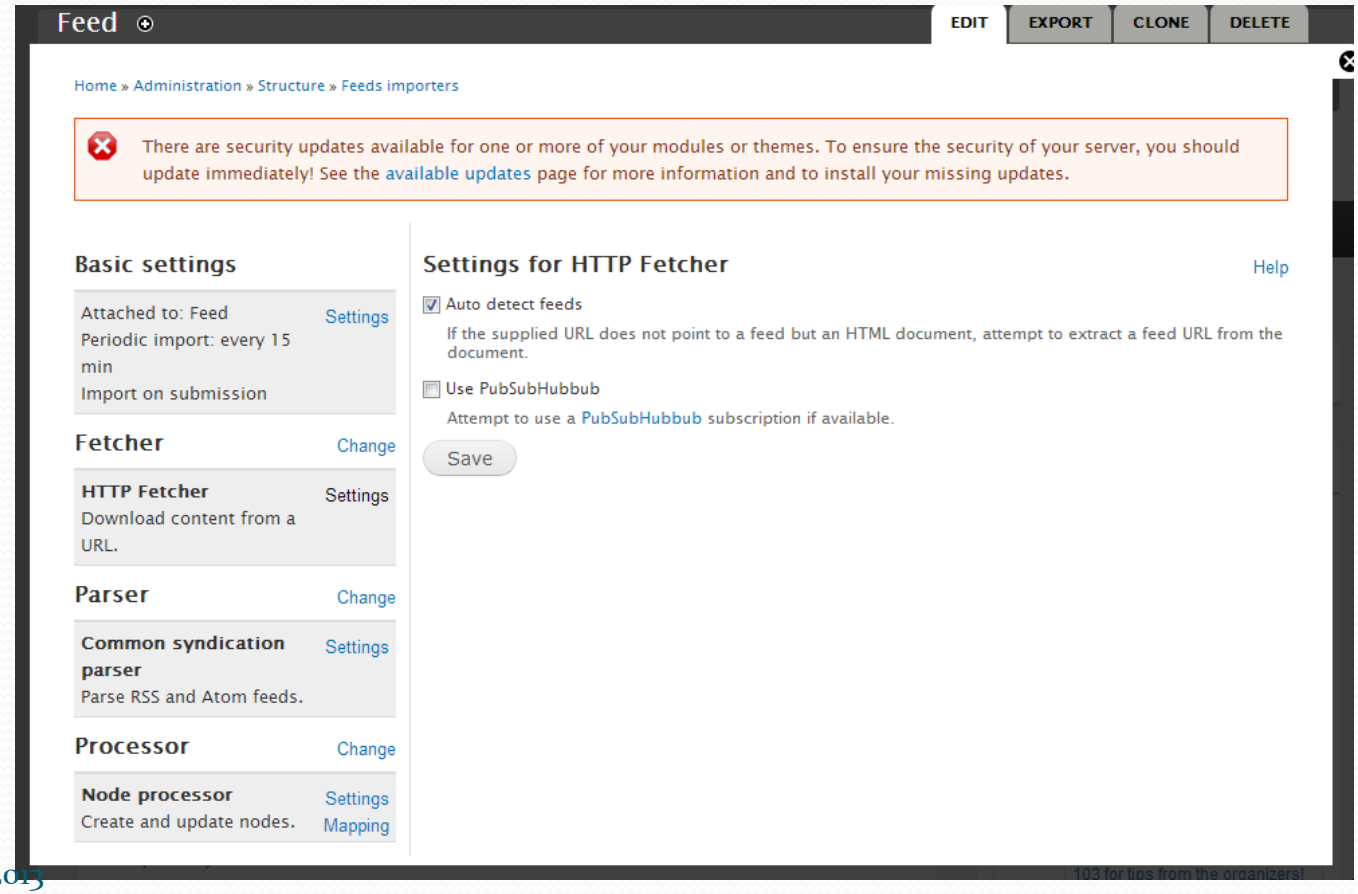
- Define the type of input source

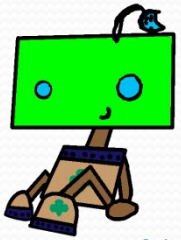




Fetcher Setting

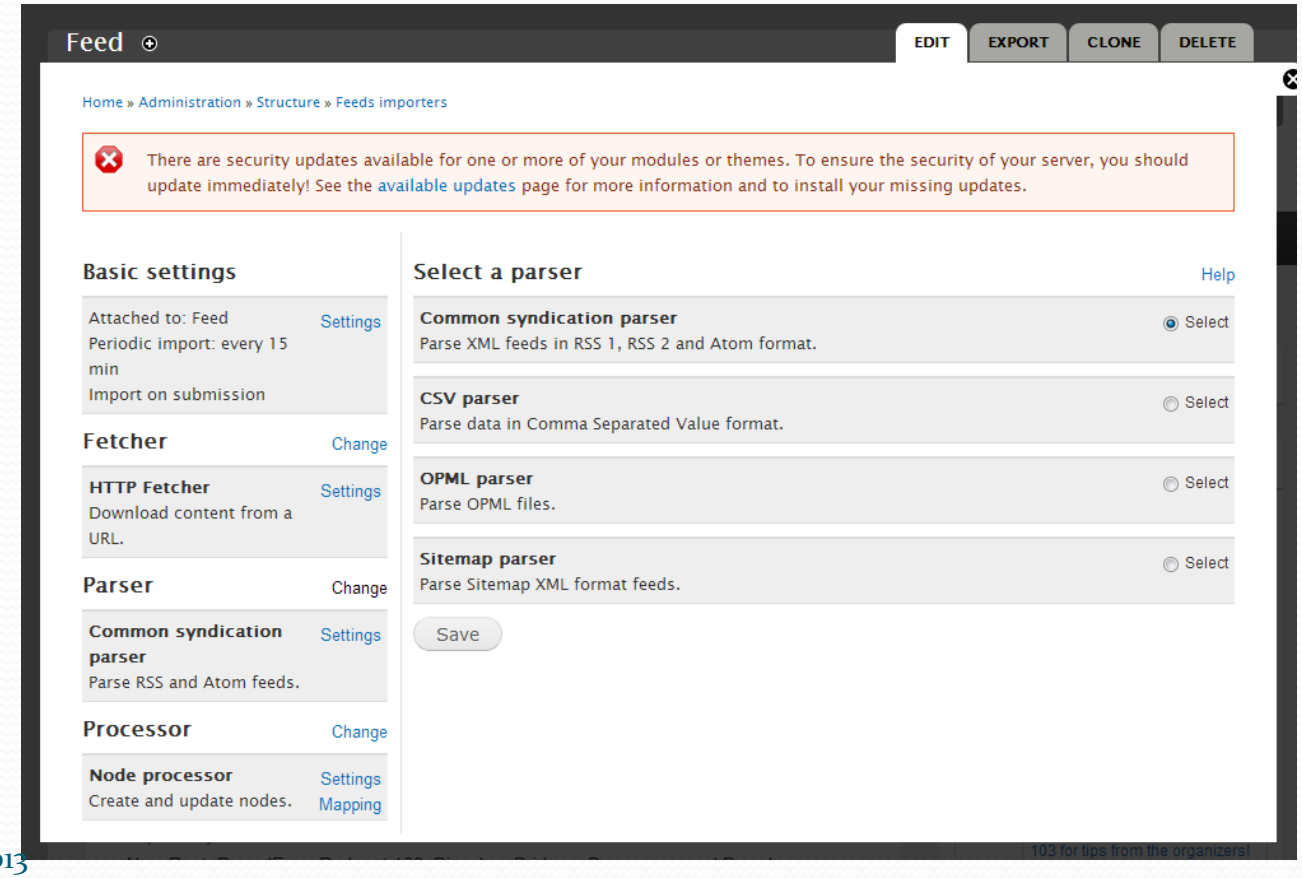
- Set how the feed will be address will be supplied

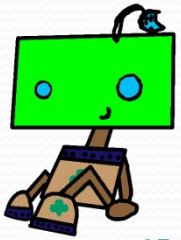




Selecting A Parser

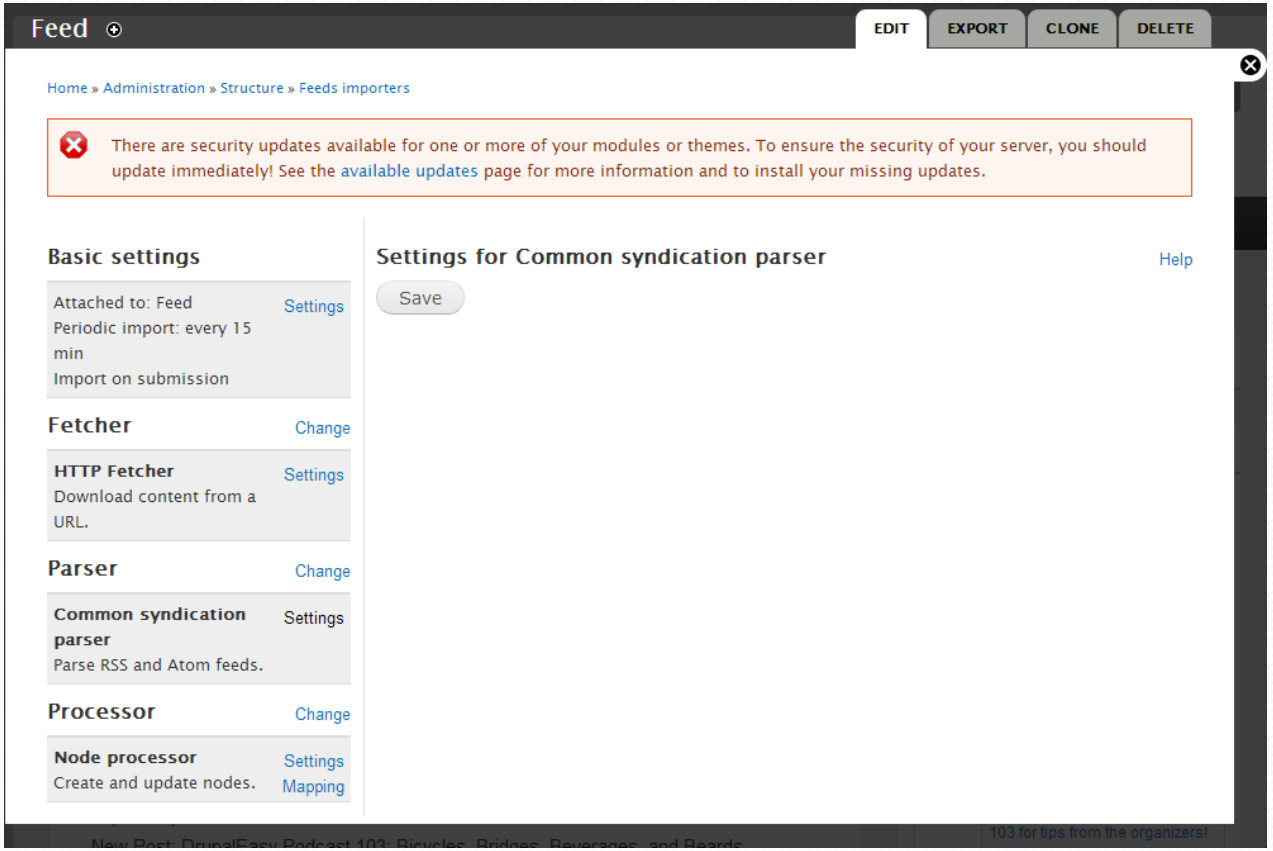
- Pick the appropriate parser to read in the input data

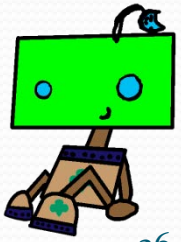




Parser Setting

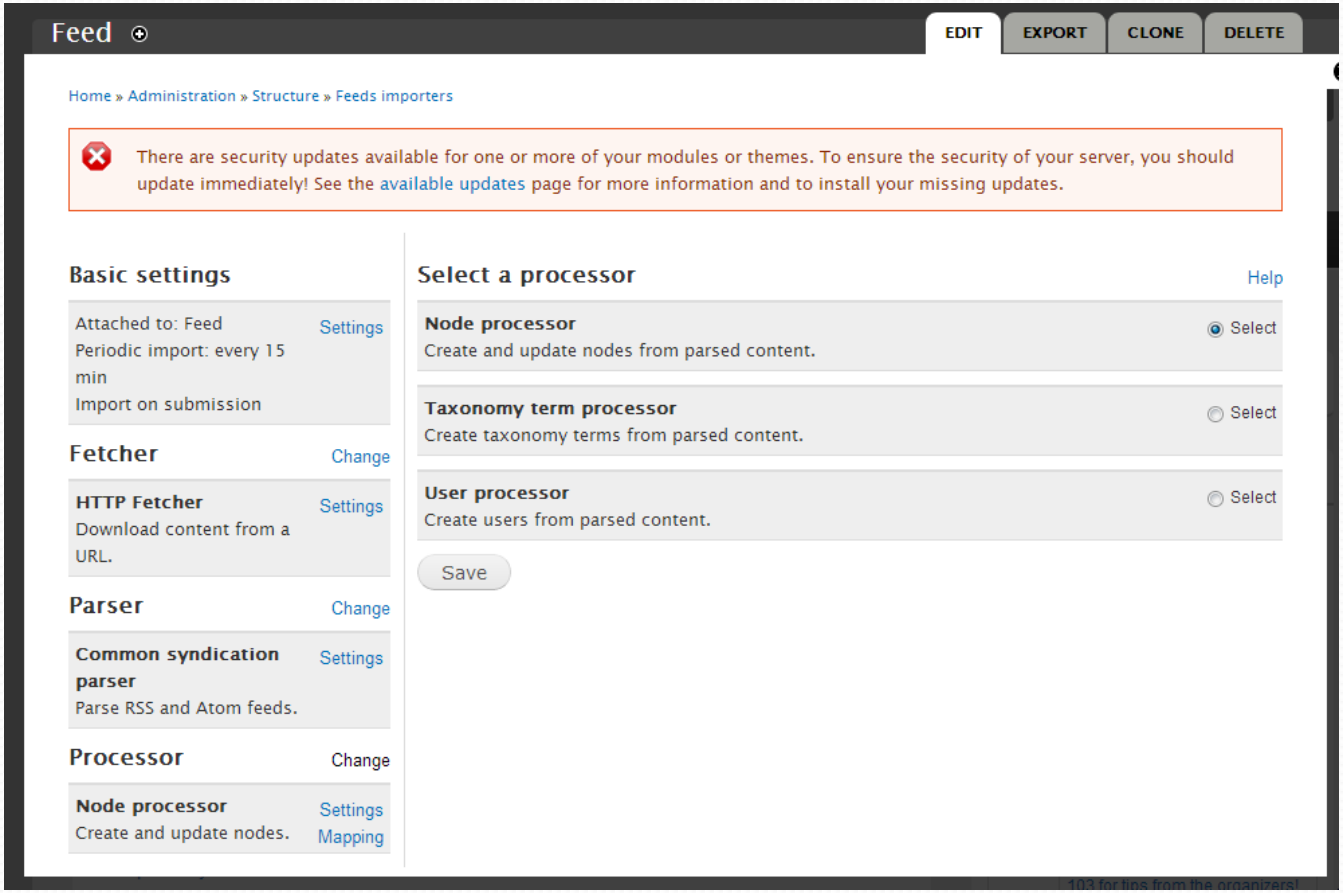
- Currently there are no additional settings

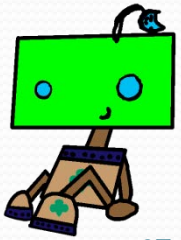




Processor Setting

- Set what you are going to do with the input

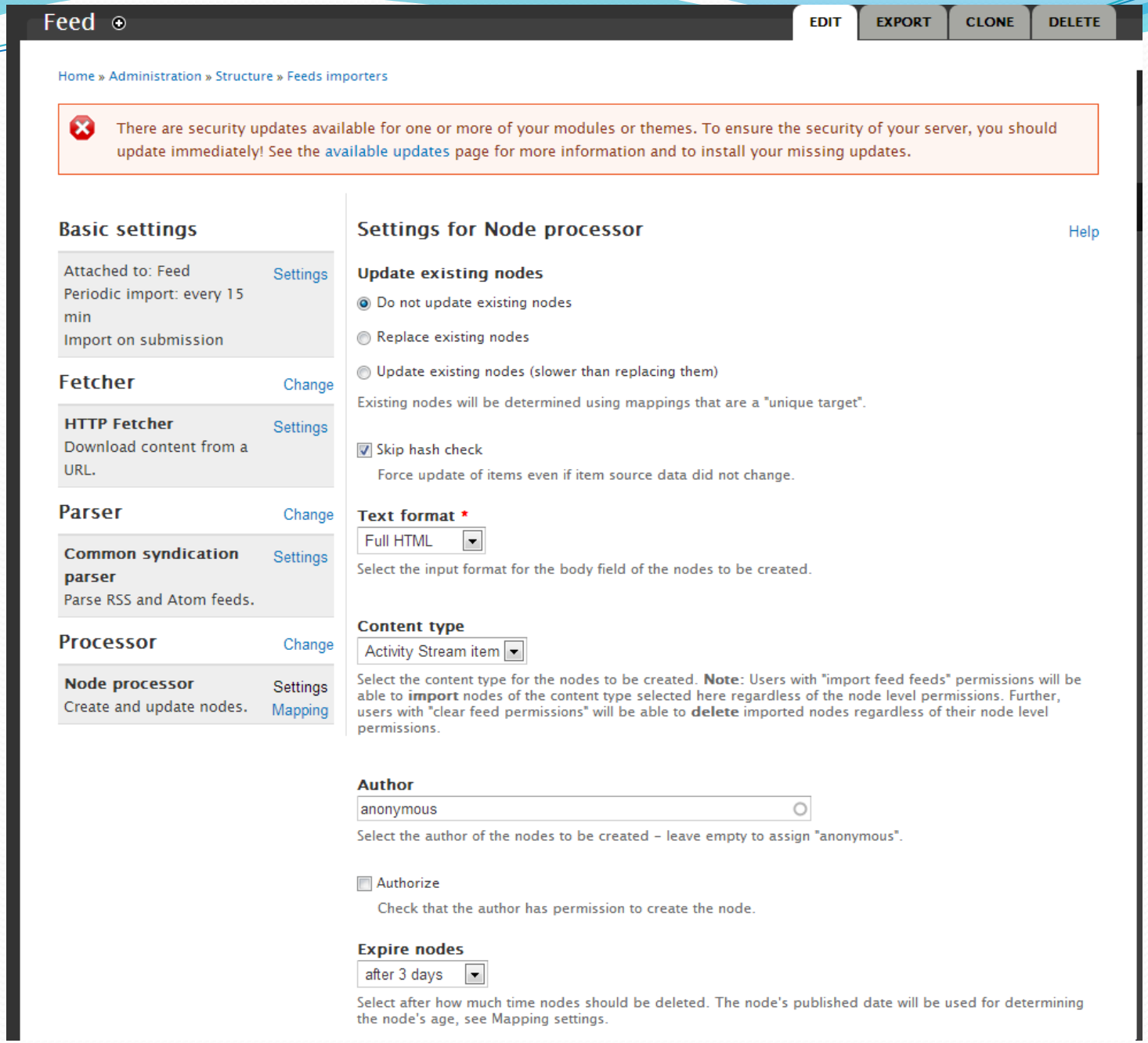




Node Processor Setting

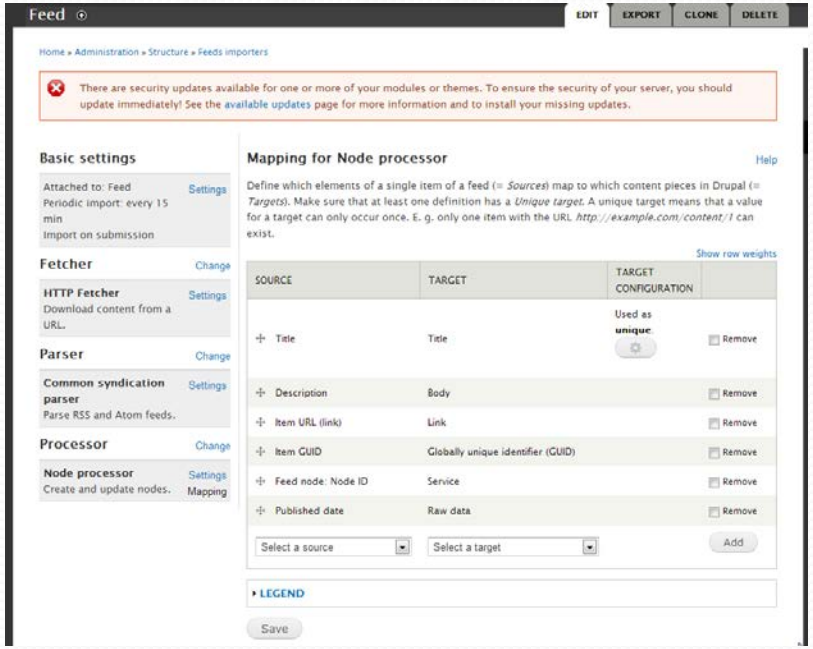
- Set which node to use to store your data
- Text Format of the data
- Content type to store the data in (This was created earlier)
- Set the Author
- How long to keep the nodes

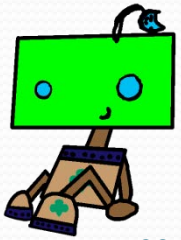
- **Note** you need to save each page before moving to the next page.


Feed
EDIT
EXPORT
CLONE
DELETE
Home » Administration » Structure » Feeds importers
There are security updates available for one or more of your modules or themes. To ensure the security of your server, you should update immediately! See the available updates page for more information and to install your missing updates.
Basic settings
Attached to: Feed
Periodic import: every 15 min
Import on submission
Settings
Fetcher
Change
HTTP Fetcher
Download content from a URL.
Settings
Parser
Change
Common syndication parser
Parse RSS and Atom feeds.
Settings
Processor
Change
Node processor
Create and update nodes.
Settings
Mapping
Settings for Node processor
Help
Update existing nodes
Do not update existing nodes
Replace existing nodes
Update existing nodes (slower than replacing them)
Existing nodes will be determined using mappings that are a "unique target".
Skip hash check
Force update of items even if item source data did not change.
Text format *
Full HTML
Select the input format for the body field of the nodes to be created.
Content type
Activity Stream item
Select the content type for the nodes to be created. Note: Users with "import feed feeds" permissions will be able to import nodes of the content type selected here regardless of the node level permissions. Further, users with "clear feed permissions" will be able to delete imported nodes regardless of their node level permissions.
Author
anonymous
Select the author of the nodes to be created – leave empty to assign "anonymous".
Authorize
Check that the author has permission to create the node.
Expire nodes
after 3 days
Select after how much time nodes should be deleted. The node's published date will be used for determining the node's age, see Mapping settings.

Setup The Mapping

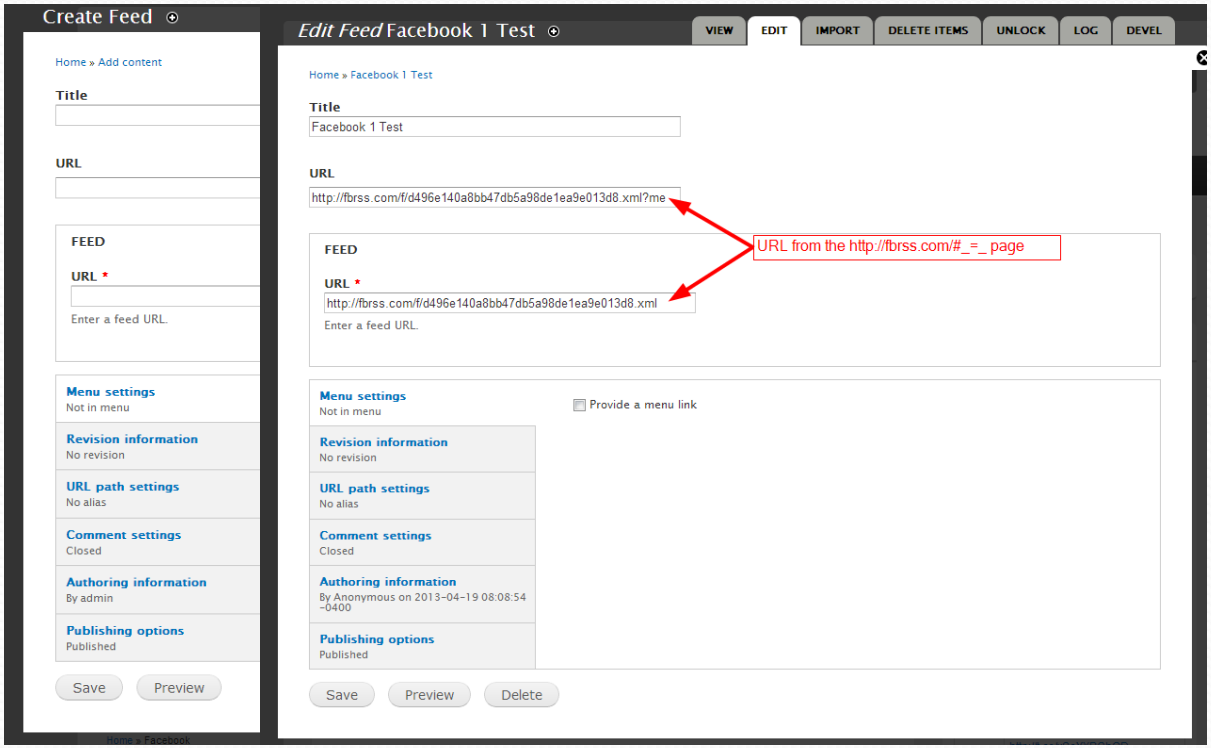
- Setup the mapping between the feed and the content type.
- Now you are ready set up a feed definition

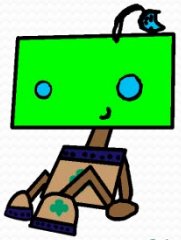




Defining The Feed

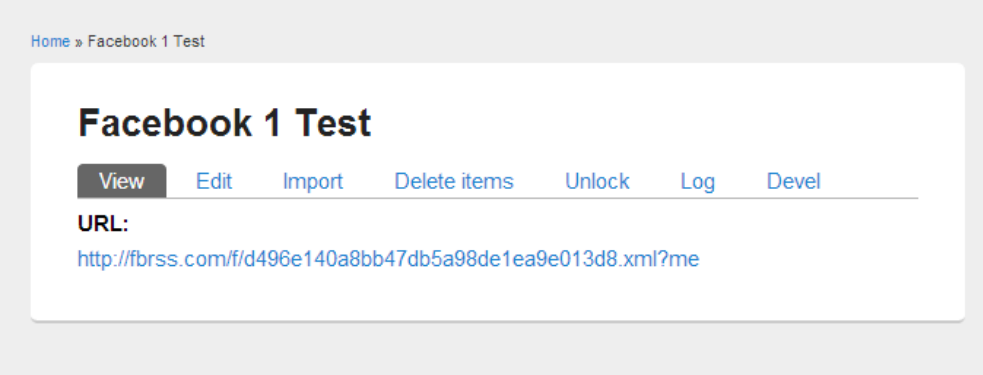
- Add the feed using Content -> Add -> Feed
- You can add as many feeds as you want

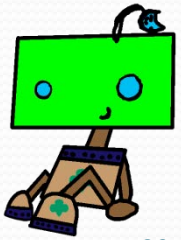




Feed Page

- View the feed using Content
- When you first create the feed it will initialize the feed and your node will look like the image below afterwards
- You can add as many feeds as you want
- You can re-import the information from the node by selecting “Import”
- You will also have a log showing activity

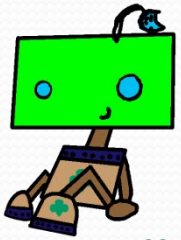




Imported Content

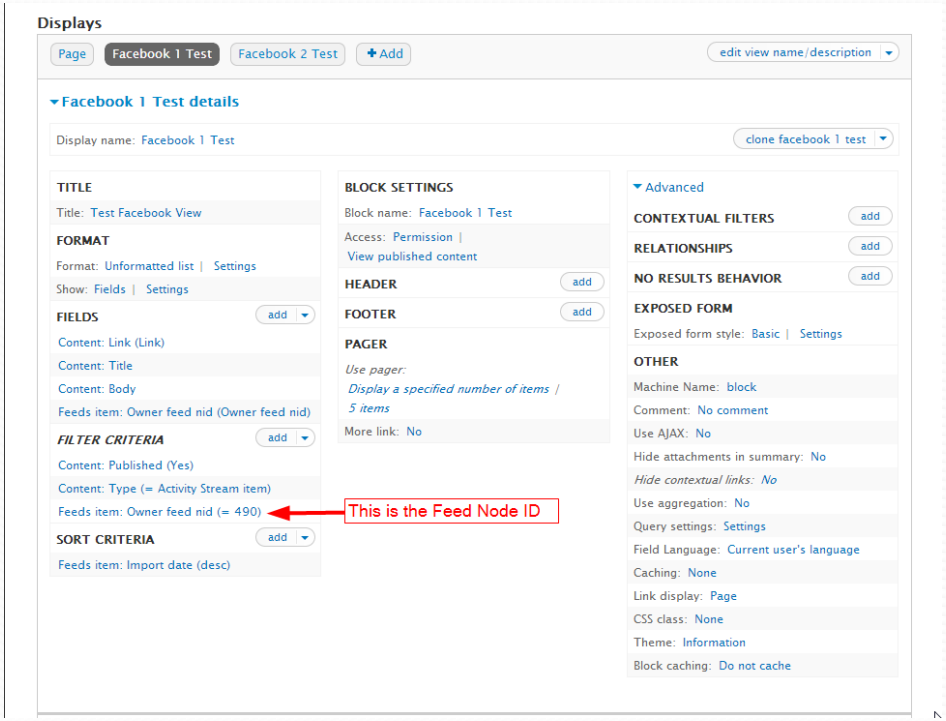
- Sample imported content

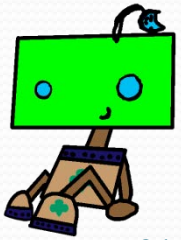
	TITLE	TYPE	AUTHOR	STATUS	UPDATED ▼	OPERATIONS
	New Post: DrupalEasy Podcast 92: Mongolian Rollerderby – Download Podcast 92 Katherine Druckman (katherined as well as the LinuxJournal.com webmistress http://ow.ly/2t3UEM new	Activity Stream item	Anonymous (not verified)	published	04/19/2013 - 08:59	edit delete
	New Post: DrupalEasy Podcast 93: Managing Expectations – Download Podcast 93 Cindy McCourt (idcm), author of Drupal: The Guide to Planning and Building http://ow.ly/2tjCoi new	Activity Stream item	Anonymous (not verified)	published	04/19/2013 - 08:59	edit delete
	Quicktip: Drush Lock: Freeze the version of a Module during 'drush up' http://ow.ly/2tu5ZT new	Activity Stream item	Anonymous (not verified)	published	04/19/2013 - 08:59	edit delete
	Start off DrupalCon Sydney with some Git training on February 6. Registration now open http://ow.ly/g0EmW new	Activity Stream item	Anonymous (not verified)	published	04/19/2013 - 08:59	edit delete
	Had a great time on @lullabot's @drupalizeme podcast talking about the DrupalEasy Career Starter Program! http://ow.ly/g6OoK new	Activity Stream item	Anonymous (not verified)	published	04/19/2013 - 08:59	edit delete
	Need to get a handle on Git? Blue Collar Git training February 6 in Sydney http://ow.ly/g0EYj new	Activity Stream item	Anonymous (not verified)	published	04/19/2013 - 08:59	edit delete
	DrupalCon Sydney Blue Collar Git Training February 6. Register now! http://ow.ly/g0Fmf new	Activity Stream	Anonymous (not	published	04/19/2013 - 08:59	edit delete



Display The Data

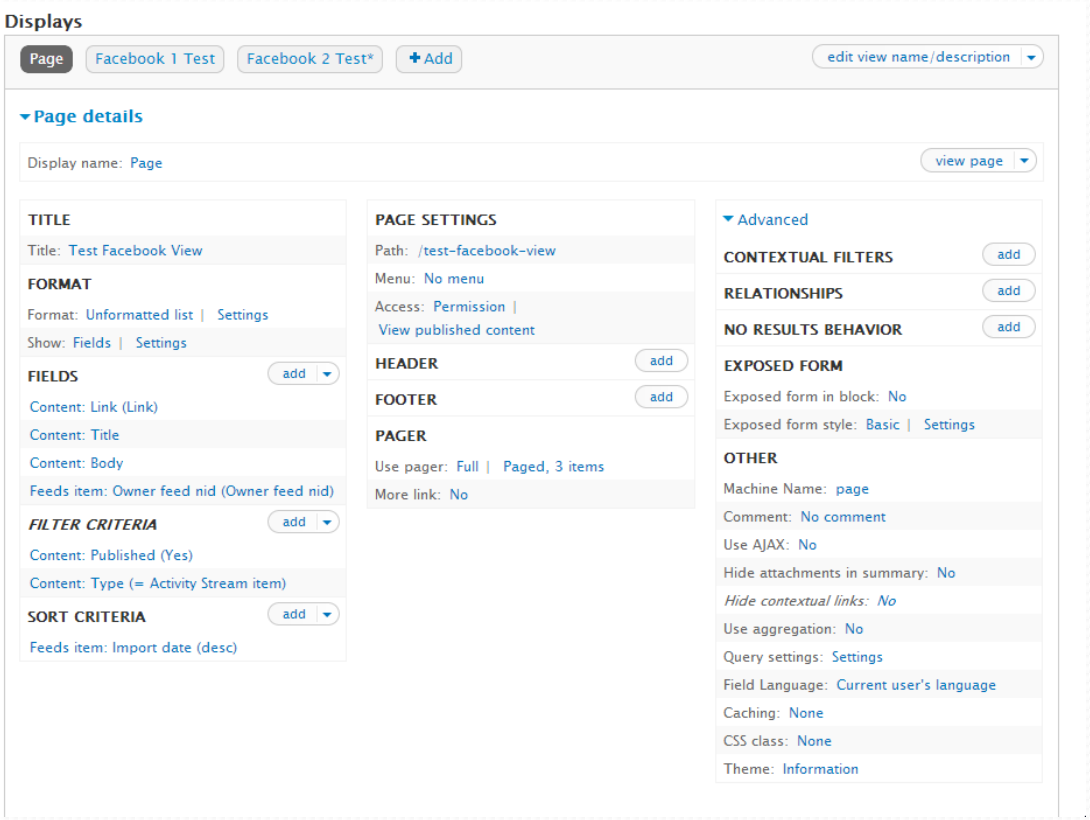
- Using “views” you can display one feed type if you have multiple sources.
- Use “node id” to separate the multiple feeds

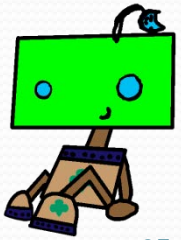




Display All The Data

- You can make a page display





Sample Output – Individual Display

Test Facebook View

Photo - What cuties!!!

What cuties!!!

Likes: 7 Comments: 0

Something cool to learn about
DrupalEasy

New Post: Video: What is Drupal? (for people who don't know what a CMS is) http://ow.ly/2vkEi

Likes: 1 Comments: 0

It's official, the Minty Matrix's project is one of the 20 semi-finals for FLL Global Innovation. Way to go!! http://t.co/b5NKemgJUd
Senior Solutions Semi-Finalists | FLL Global Innovation

A second panel of judges will discuss the twenty (20) semi-finalists and choose three (3) finalists. These finalists will be invited to attend a special awards ceremony on June 18th at the United States Patent and Trademark Office in Alexandria, Virginia, United States. The winner will be announced...

Likes: 1 Comments: 0

(Jessica)^2 innovative at SeaPerch competition http://t.co/Dwr0C9818I
Caroline Achee (@GirlScoutMentor) posted a photo on Twitter

Get the whole picture - and other photos from Caroline Achee

Likes: 1 Comments: 0

Way to go (Jessica)^2 http://t.co/g5LMkWxs10
Caroline Achee (@GirlScoutMentor) posted a photo on Twitter

Get the whole picture - and other photos from Caroline Achee

DrupalEasy Facebook View

New Post: DrupalEasy Podcast 92: Mongolian Rollerderby - Download Podcast 92 Katherine Druckman (katherined as well as the LinuxJournal.com webmistress http://ow.ly/2t3UEM
New Post: DrupalEasy Podcast 92: Mongolian Rollerderby - Download Podcast 92 Katherine Druckman (katherined as well as the LinuxJournal.com webmistress http://ow.ly/2t3UEM

Likes: 1 Comments: 0

New Post: DrupalEasy Podcast 93: Managing Expectations - Download Podcast 93 Cindy McCourt (idcm), author of Drupal: The Guide to Planning and Building http://ow.ly/2tjCoi
New Post: DrupalEasy Podcast 93: Managing Expectations - Download Podcast 93 Cindy McCourt (idcm), author of Drupal: The Guide to Planning and Building http://ow.ly/2tjCoi

Likes: 1 Comments: 0

Quicktip: Drush Lock: Freeze the version of a Module during 'drush up' http://ow.ly/2tu5ZT
Quicktip: Drush Lock: Freeze the version of a Module during 'drush up' http://ow.ly/2tu5ZT

Comments: 0

Start off DrupalCon Sydney with some Git training on February 6. Registration now open http://ow.ly/g0EmW
Training: Blue Collar Git | DrupalCon Sydney 2013 | Growing Drupal...

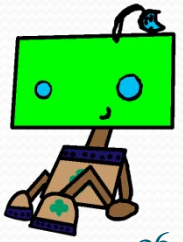
This full day, action-packed workshop features insightful training and lots of hands-on learning designed to empower you with the knowledge and...

Likes: 2 Comments: 1

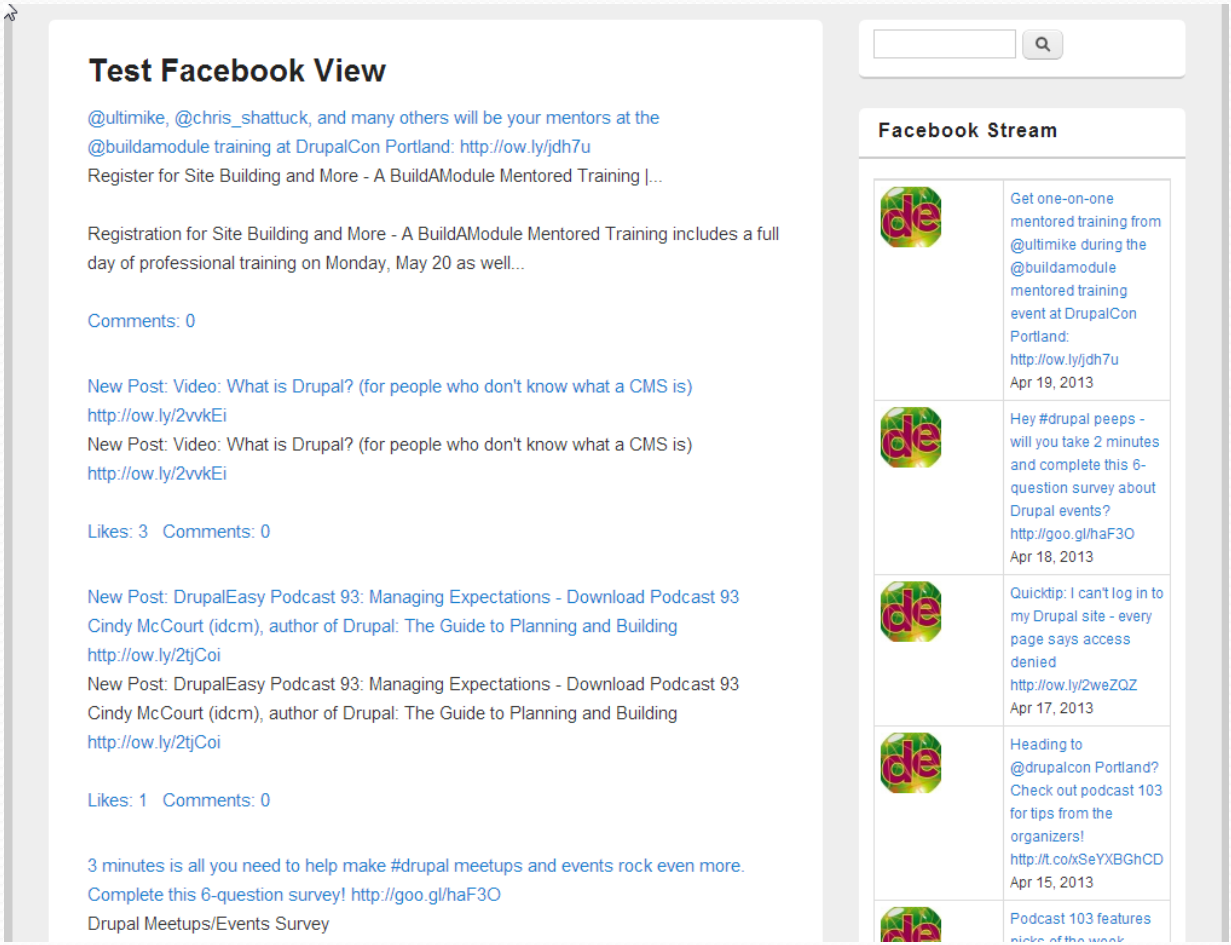
Had a great time on @lullabot's @drupalizeme podcast talking about the DrupalEasy Career Starter Program! http://ow.ly/g6OoK
Drupalize.Me Podcast 8: DrupalEasy Career Starter Program | Lullabot

Join Addison Berry and Kyle Hofmeyer on this episode to chat about the DrupalEasy Career Starter Program (DCSP) with Mike Anello, who is running...

Comments: 0



Sample Output – Collective Display



Test Facebook View

@ultimike, @chris_shattuck, and many others will be your mentors at the @buildamodule training at DrupalCon Portland: http://ow.ly/jdh7u
Register for Site Building and More - A BuildAModule Mentored Training |...

Registration for Site Building and More - A BuildAModule Mentored Training includes a full day of professional training on Monday, May 20 as well...

Comments: 0

New Post: Video: What is Drupal? (for people who don't know what a CMS is) http://ow.ly/2vvkEi
New Post: Video: What is Drupal? (for people who don't know what a CMS is) http://ow.ly/2vvkEi

Likes: 3 Comments: 0

New Post: DrupalEasy Podcast 93: Managing Expectations - Download Podcast 93 Cindy McCourt (idcm), author of Drupal: The Guide to Planning and Building http://ow.ly/2tjCoi
New Post: DrupalEasy Podcast 93: Managing Expectations - Download Podcast 93 Cindy McCourt (idcm), author of Drupal: The Guide to Planning and Building http://ow.ly/2tjCoi

Likes: 1 Comments: 0

3 minutes is all you need to help make #drupal meetups and events rock even more. Complete this 6-question survey! http://goo.gl/haF3O
Drupal Meetups/Events Survey

Facebook Stream

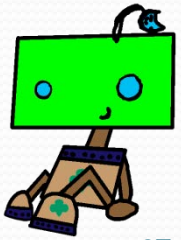
Get one-on-one mentored training from @ultimike during the @buildamodule mentored training event at DrupalCon Portland: http://ow.ly/jdh7u
Apr 19, 2013

Hey #drupal peeps - will you take 2 minutes and complete this 6-question survey about Drupal events? http://goo.gl/haF3O
Apr 18, 2013

Quicktip: I can't log in to my Drupal site - every page says access denied http://ow.ly/2weZQZ
Apr 17, 2013

Heading to @drupalcon Portland? Check out podcast 103 for tips from the organizers! http://t.co/xSeYXBGhCD
Apr 15, 2013

Podcast 103 features



TPL File Changes

...inancial\sites\all\themes\responsive_blog\templates\views-view-field--page--body.tpl...

Dynamically-related files cannot not be discovered because there is no site definition for this document. Setup

```
 * function which has better performance. For single overrides, the
template is
 * perfectly okay.
 *
 * Variables available:
 * - $view: The view object
 * - $field: The field handler object that can process the input
 * - $row: The raw SQL result that can be used
 * - $output: The processed output that will normally be used.
 *
 * When fetching output from the $row, this construct should be used:
 * $data = $row->{$field->field_alias}
 *
 * The above will guarantee that you'll always get the correct data,
 * regardless of any changes in the aliasing that might happen if
 * the view is modified.
 */
?>
<?php    // Look for the "like"

  $patterns[0] = '/<br \/>Comments:/';
  $patterns[1] = '/>Likes:/';
  $replacement[0] = '  Comments:';
  $replacement[1] = '>Likes:';

  $part1 = preg_replace($patterns, $replacement, $output);

  $patterns[0] = '/Comments:/';
  $replacement[0] = ' Comments:';
  $part2 = preg_replace($patterns, $replacement, $part1);

  print $part2;  ?>
```

2K / 1 sec Unicode (UTF-8)

...ancial\sites\all\themes\responsive_blog\templates\views-view-field--block--body.tpl....

Dynamically-related files cannot not be discovered because there is no site definition for this document. Setup

```
theme
 * function which has better performance. For single overrides, the
template is
 * perfectly okay.
 *
 * Variables available:
 * - $view: The view object
 * - $field: The field handler object that can process the input
 * - $row: The raw SQL result that can be used
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  $replacement[0] = ' Comments:';
  $part2 = preg_replace($patterns, $replacement, $part1);


  print $part2; ?>
```
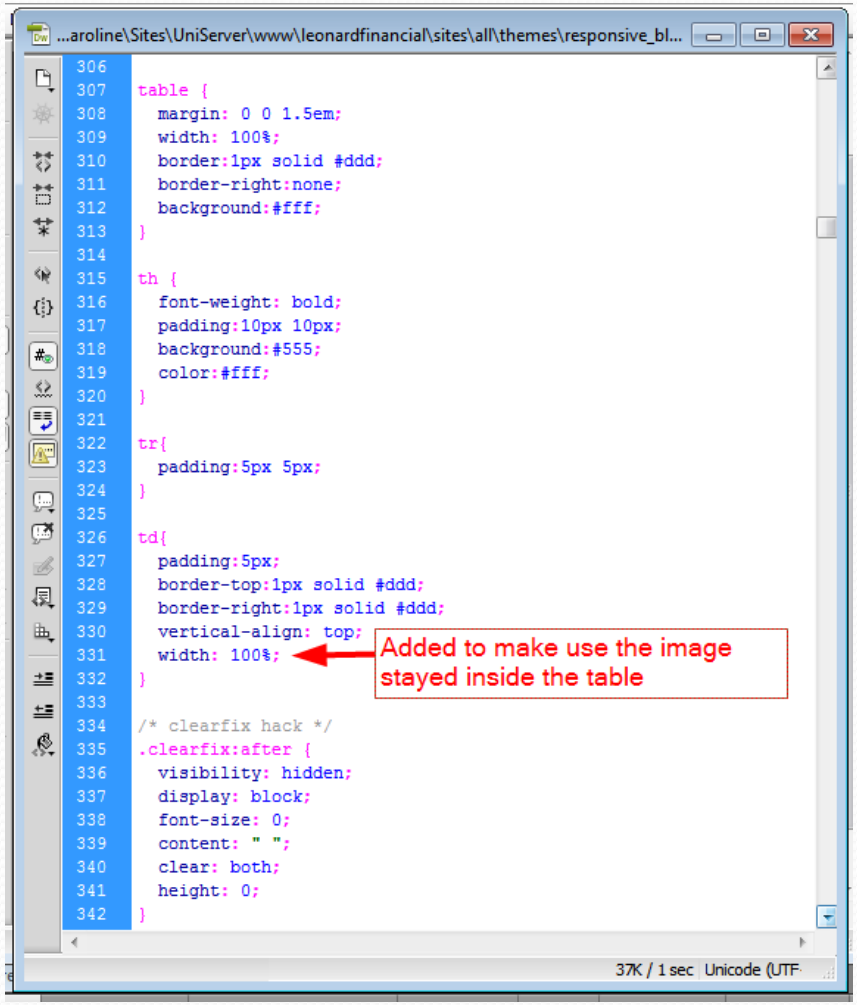
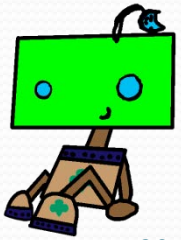
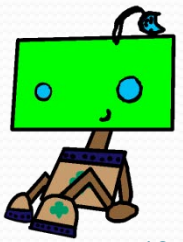

2K / 1 sec

CSS File Changes For The Stream





Thank-you For Your Time!

Any Questions!

Contact – cachee@cfl.rr.com