Feed2JS

Using RSS Feeds in your web pages is just a cut 'n paste away!

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Get the Code To Run on Your Own Server

This information is for web site owners that would like to incorporate our Feed2JS technology on their own site- perhaps to customize it, or just to speed up the access if they feel like a local copy is better. Below you can download the necessary script files.

We provide this script as open-source under a GNU General Public License.

To run these scripts, you need a web server capable of running [PHP](#) which is rather widely available (and free). You will need to FTP files to your server, perhaps change permissions, and make some basic edits to configure it for your system. **I give you the code, getting it to work is on your shoulders.** I will try to help, but cannot always promise answers.

We give you this code we developed for free. If you make some use of it, please pay back by [sharing a URL](#) that uses this code.

Installation

1. **Download Feed2JS** version 1.5 as of 17.Oct.2005 [155k download]).

   The files provided include:
   a. **feed2js.php** - the main workhorse script; see below for configuration details.
   b. **feed2js_config.php** - local configuration, set the file paths for Magpie, etc. Accessing this as a separate include will make future updates less tedious (a simple replacement of the feed2js.php file)
   c. **nosource.php** - a simple error file if the script is not provided an URL for the RSS feed.
   d. **build.php** - a version of our [build page](#) which will allow your web site users to easily generate their proper JavaScript that works from your installation of Feed2JS.
   e. **preview.php** - used to generate previews from the build form.
   f. **style.php** - a version of our [style tool](#) which will allow your web site users to select and modify CSS styles for their feeds.
   g. **style_preview.php** - generates the styled previews
   h. **styles** - sample style sheets used for the preview feature of the build script.
   i. **magpie** - a working version of version 0.71 of [Magpie RSS](#).
2. You should next download and install the [Magpie RSS](#) if you need a newer version. Place the magpie files inside the directory that contains for feed2js.php scripts:

   ```
   (main server directory)

   /feed
     feed2js.php
       ... (the other associated files, see below)
   ```

```
/magpie
  /extlib
    Snoopy.class.inc
  rss_cache.inc
  rss_fetch.inc
  rss_parse.inc
  rss_utils.inc
  /cache
  /cache-utf8
```

The "extlib" directory contains the a library file required by magpie "Snoopy.class.inc".

3. Inside the magpie directory, create 2 directories named `cache` and `cache_utf8` to store the cache files used by Magpie (the second are for RSS feeds that use UTF8 encoding). **Make sure you change the permissions on both of these directories to be world writable (unix commands `chmod 0777 cache` and code>chmod 0777 cache_utf8**.

4. Before going further, you may want to run the magpie test file, **magpie_debug.php**. If you keep this file in the `/feed` and keep the magpie files in its own subdirectory as provided in the download, there should be no edits required to make this work. The code on line 7 should automatically provide the correct file paths needed:

```
// set magpie root
define('MAGPIE_DIR', $_SERVER['DOCUMENT_ROOT'] .
        dirname($_SERVER['PHP_SELF']) . '/magpie/');
```

Loading this in a web browser, e.g. `http://www.mydomain.org/feed/magpie_debug.php` will test your magpie installation. Should this fail and you do not get error messages, your server might be set up to suppress PHP error. If you uncomment lines 3-4 (remove the `//` from the beginning of the lines):

```
//ini_set('display_errors', 1);
//ini_set('error_reporting', E_ALL);
```

You can try again to see if there are PHP errors. If you still have problems, you may need to manually enter the full server path on line 7 for `define('MAGPIE_DIR', '/var/wwww/html/..../magpie/');`.

5. If Magpie works good, you are ready to configure the **feed2js_config.php** file. Look for the section labeled "INCLUDES" where you must define the correct paths for the Magpie files, the cache directory, and the time setting for having cache files expire, in seconds. the default is 60*60 or one hour. The default settings will automatically build the correct file paths if you store the magpie files inside the same directory as feed2js.php. This means that you do not have to make any changes to it.

```
// MAGPIE SETUP ------------------------------------------------
// Define path to Magpie files and load library
// The easiest setup is to put the 4 Magpie include
// files in the same directory:
// define('MAGPIE_DIR', './')

// Otherwise, provide a full valid file path to the directory
// where magpie sites
define('MAGPIE_DIR', $_SERVER['DOCUMENT_ROOT'] . dirname($_SERVER['PHP_SELF']) . '/magpie/');

// access magpie libraries
require_once(MAGPIE_DIR.'rss_fetch.inc');
require_once(MAGPIE_DIR.'rss_utils.inc');

// value of 2 optionally show lots of debugging info, 0 for production
define('MAGPIE_DEBUG', 0);

// Define cache age in seconds.
define('MAGPIE_CACHE_AGE', 60*60);
```

6. Run a known RSS Feed through your installed version of the **build.php** page and then test the **style** editor page.

7. If you are unable to see a feed previewed from the build page, there is likely a syntax error in feed2js.php- there is now a link below where the preview should appear that allows you to call the script. If there are PHP errors, this test link will display them.

That is all!

The Simplest Installed Directory Structure

Use this outline as a map of the simplest installation, putting all files and Magpie in the same directory. You can create

your own intro page (`index.php`, `index.html`) and link to the build and style pages accordingly.

```
/feed (directory)
  build.php        (feed building tool)
  feed2js.php
  feed2js_config.php
  footer           (include file for build.php, style.php
   /magpie (directory)
       /cache  (cache directory)
       /cache_utf8  (cache directory for utf-8 feeds)
       /ext_lib  (directory)
         Snoopy.class.inc
       rss_cache.inc
       rss_fetch.inc
       rss_parse.inc
       rss_utils.inc
  nosource.php   (error page if no RSS provided)
  style.php        (output style tool)
  style_preview.php (style preview and editor)
  /style (directory) (collection of CSS styles)
```

Feed2JS : Get the Code To Run on Your Own Server
url: http://jade.mcli.dist.maricopa.edu?s=download
last updated: 25-Oct-05 : 11:24 AM
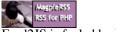**got feedback?** contact us

Feed2JS code Copyright (C) 2004-2005 Alan Levine (Maricopa Community Colleges). It is available as both a free service and open source code from:
http://jade.mcli.dist.maricopa.edu/feed/. Send any questions/comments to the visit our Feed2JS feedback center

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Feed2JS is fueled by Magpie RSS

Latest Feed2JS Updates available as RSS 2.0 feed.