

# FHR SAM WordPress Plugin by FesterHead (Steve Kunitzer)

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## General information

FHRSAM is a free WordPress plugin developed by [FesterHead](#) (Steve Kunitzer).

It provides shortcodes, `[fhramNowPlaying]` and `[fhramPlaylist]`, for pages to show Now Playing information and a Playlist/Request interface.

While the plugin is free donations encourage continued development. Use PayPal to donate (use link in WordPress Dashboard) or get me something from my [Amazon.com Music Wish List](#) (preferred).

After starting FesterHead Radio using a default samPHPweb many years ago and heavily modifying it to do awesome things I decided to try and write a brand new SAM PHP framework from scratch that included all those fancy components. For the most part it was successful but I kept spending more time in the actual framework itself than the fancy components and quickly abandoned that effort. For a long time I was focused on using the phpBB forums as the base system but decided to investigate other forum and content management software as the framework and pick one that was suitable for my station. Several systems were investigated, such as Simple Machines Forum and Joomla, and each one had its good and bad points. Eventually, I decided to go with WordPress. This is not meant to stir up a debate on the merits of any particular system but to give a little insight into why WordPress was chosen. Based on what I'm able to put together including further development ideas I believe this was a good decision.

## Plugin built and tested using

- Apache 2.2.14
- PHP 5.3.1
- MySQL 5.1.41
- SAM 4.7.4
- WordPress 3.0.4 with Arjuna X 1.3.9 and WordPress Classic 1.5 themes
  - WordPress Default 1.6 theme is too skinny!
- Windows XP Professional

## **Feature Overview**

### **Now Playing features**

- Harvests Amazon.com ASIN and details URL, if exists, using a signed query
- If rating is 0 harvests average customer rating from Amazon.com and seeds it.
  - Note: The Amazon rating is for the album and it is applied to just the song.
- Links into playlist from Artist, Album, and Title
- When count down timer reaches 0 the interval is cleared and “reloading...” is displayed

### **Playlist features**

- Artist browsing with bread crumbs
- Album browsing with bread crumbs
- Track listing with bread crumbs
- Song information with bread crumbs
- Thumbnails in album browsing are generated on-the-fly if they don't already exist
- Track listing has small request image link
- Track listing harvests Amazon.com ASIN and details URL, if exists, using a signed query
- Song information harvests average customer rating from Amazon.com and seeds it if it is 0.
  - Note: The Amazon rating is for the album and it is applied to just the song.
- Song information has larger request image link

### **Requests features**

- Implemented HTML request mechanism – Using FesterHead's no-frills or hosted Song Requester service
- Includes an “other” option to provide own request handling methodology – includes a sample implementation I use for FesterHead Radio to put requests in a custom category
  - Note: You're on your own to implement this “other” option

### **Configuration features**

- Configuration linked off WordPress “Settings” section in dashboard for admins
- Has PayPal donate image link and Amazon.com wishlist to encourage development
- Enter database server, schema, username, password, and SAM host and port
- Option to enable Amazon information harvesting
- Enter Amazon associate tag (for buy now links), public and private access keys (for ASIN harvesting)
  - This document does not describe how to sign up for Amazon services
- Uses signed queries to Amazon
- Supports the following Amazon regions: ca,com,co.uk,de,fr,jp (default is com)
- Enter local and web access cover art and thumbnail directories
- Enter station name
- Self-discoverable playing and playlist page ids
- Toggle flash song previews (not enabled)
- Toggle requests and set a privilege level
- Toggle save configuration on plugin deactivate or uninstall.
  - If enabled and deactivated or uninstalled then enabled or installed again the settings will still be there.

## **Prerequisites**

Before installing this plugin please read through this entire installation file to get familiar with all the steps. Just installing the plugin into WordPress is not sufficient; there are a number of different procedures needed to get the system ready to support the plugin. While I've tried to make things as simple as possible, invariably things can and often do go wrong so be prepared.

This plugin follows the GNU GPL license version 3. Installing this plugin either in part or in whole constitutes agreement of the license. All files, where applicable, clearly indicate the license at the top of the page. The license is included with this plugin and can also be accessed directly [using this link](#). If you have not read the license please do so and pay special attention to the following sections: 15. Disclaimer of Warranty; 16. Limitation of Liability; 17. Interpretation of Sections 15 and 16.

Some sections of this install guide are not described in detail. For those places, which are labeled with an asterisk ( \* ), refer to the corresponding component documentation for installation, usage, and/or support. Links to such may or may not be available from this document due to possibility of changing links..

This install guide does not cover:

- Installing MySQL
- Installing SAM
- Configuring SAM
- Installing Apache, or compatible, web server
- Installing PHP and configuring the web server to support PHP
- Installing and configuring WordPress
- Port opening or forwarding for web services

It is highly recommended that the installer already have familiarity with MySQL, SAM, and WordPress before attempting installation of this plugin. **DO NOT ATTEMPT TO INSTALL ANY PART OF THIS PLUGIN TO A PRODUCTION LEVEL SAM ALREADY RUNNING AND SERVING CONTENT WITHOUT MAKING APPROPRIATE BACKUPS IN CASE OF FAILURE.**

## **Disclaimer**

I am not a PHP, WordPress or SQL expert. While I make every attempt to write beautiful, succinct code there may be portions that are ugly and /or not optimized; to a certain degree I accept constructive criticism to improve clarity and efficiency. Those that need to berate this plugin and components to prove their superiority will be mocked to the best of my ability.

## **01 – \* *Install MySQL***

The plugin and components are written for and tested using the MySQL database. If you are not using MySQL or don't want to use MySQL then STOP; this plugin is not for you.

The MySQL version used during development, testing, and production for FesterHead Radio is `mysql-essential-5.1.41-win32`. Any version in the 5.1.x branch should work OK. Any other version branch is used at your own risk.

If you already have MySQL running then there is no need to install another! You can use your existing database.

## **02 – \* *Install SAM***

If you already have a SAM running then DO NOT UNINSTALL IT! Instead, install another SAM using a different database name (for example `fhrsam`) to become familiar with the plugin. Later, you can apply the conditioning to the existing SAM then change the plugin database component to use the first SAM.

If you do not have SAM installed then install it now.

### 03 – Condition SAM database

Conditioning the database is done using a PAL. It alters the database columns to increase the varchar sizes to 255, changes the rating column to support floats, and adds additional indexes. IT IS NOT OPTIONAL. It also inserts additional columns to add support for artist and album IDs that will be used for the plugin to pass information between pages (the plugin does NOT pass any strings which makes it easier to validate and prevent malicious injections).

The PAL should only ever be run ONCE. If database changes are needed in future versions of this plugin we'll figure out the best way to handle it. For now, after running the conditioner PAL it should be REMOVED from the SAM PAL window.

Load `fhr_condition_database.pal` into the SAM PAL window and open it for editing. In general, the default values should be OK but are available for change.

```
// What is the initial Festerism?  
// Festerisms are little witty sayings that may be used in images and on the site.  
var initial_festerism : String = 'FesterHead is cool!';
```

At least one Festerism is required. At this time there are no components in the plugin that use this functionality but that may change in the future. Fell free to mock turtles or lament about an oncoming ice age. Or simply leave as-is since FesterHead is indeed cool.

```
// What is the name of the default show?  
var default_show_title : String = 'Regular Rotation';  
  
// What is the description of the default show?  
var default_show_description : String = 'FesterBot selections and listener requests';
```

The default show title and description is displayed on the Now Playing page. If you run special shows you can update this database value (see `fhr_show_info` table) manually or with a PAL (not included) to be able to display the show title and description.

You probably want to change "FesterBot" to something more appropriate for your station.

```
// What songtypes should be used to display the now playing song?  
// Best to leave this as-is.  
// Multiple songtypes may work but not tested or supported. Try at your own risk.  
var now_playing_song_type : String = 'S';
```

This setting limits the song types shown on the Now Playing page. It is useful for hiding Ids, Jingles, Sound FX, Sound Bites, etc. (providing of course those items have had their song type changed to something other than 'S').

In theory this may be able to take a comma separated list of song types but this has not been tested nor is it supported at this time. ATTEMPT AT YOUR OWN RISK.

```
// Number of songs to include in the coming up list  
var coming_up_count : Integer = 5;
```

Enter the number of songs to include in the coming up list. This should be set to the number of songs SAM is told to keep in the queue. This value has no effect at all on putting songs in the queue.

At this time the plugin will only show the artist name in the coming up section. A later version may offer configuration options to include more details such as album and song title.

If the value is greater than one and then same artist is going to be played next in a row then the artist name is listed more than once. A later version may aggregate back-to-back artists as one unit.

```
// Number of songs to show in the recently played list
var recently_play_count : Integer = 20;
```

Enter the number of songs to show on the Recently Played page. The Recently Played page is not currently available. A later version may offer Recently Played options either by a listing, RSS feed, and/or something else.

```
// *****
// * STOP! EDIT BELOW HERE AT YOUR OWN RISK! *
// *****
```

DO NO EDIT ANY CODE BELOW THESE LINES! EVER!

Once you have set the values give them a quick double-check.  
Save the PAL, compile it, run it, then REMOVE it from the PAL window.

Any errors are most likely incorrect syntax used in the configuration; but those shouldn't pass the compile stage. If you need support with this component make a screen shot of the PAL window making sure the error is listed then [post a note in plugin support forum](#).

For those interested in the SQL used to condition the database (alter tables, create new tables, create views, insert default data, ...) can scroll down towards the bottom of the PAL and see what is going on. While I am not a SQL expert I have enough knowledge to be deadly. This SQL works for me and it should work for you, too.

## **04 – \* Configure SAM**

Configure SAM to your liking.

## **05 – \* Add songs to SAM**

Add songs to SAM. This can either be a full set of songs or a sample set. Keep in mind that there may be PALs to run later whenever songs are added to SAM.

## **06 – \* Start SAM**

Start SAM streaming.

## **07 – Apply FHR Artist Ids**

The samPHPweb application currently passes artist information between pages using the actual characters of the artist. This can lead to character encoding, URL formatting, and potential SQL injection errors. Instead of using characters, I've designed a PAL that will assign a unique ID number to each artist in the system.

Load *fhr\_artistid.pal* into the SAM PAL window. There is nothing to edit but feel free to open it and take a look to see what it does.

## **VERY IMPORTANT PARTS**

1. This PAL must be run every time new songs are added to SAM. By default the artist ID value for a song when it is added is 0 (zero). If you see lots of zeroes in the URLs for artists then this PAL needs to run (or is in the process of running).
2. For systems with a large number of songs this may take a long time to run. In order to prevent locking up the system there is a throttle in place that only allows one artist to be updated every second. If there are 300 unique artists in the system the PAL will take a minimum of 300 seconds (5 minutes) to run.
3. The ability to assign unique IDs is completely dependent on the quality of data. The artist value of the songs must match exactly in case and punctuation for it to be considered the same. If the case and punctuation do not match exactly this PAL will assign different IDs. It is up to you to quality control the data. Garbage in, garbage out. And managing garbage stinks.

This PAL may be run at the same time as the PAL that generates album IDs.

The PAL tries to be efficient in adding the IDs; songs that already have an artist ID are not reprocessed when the PAL is run again. It also has built-in smartitude; if an artist already has been assigned an ID in the system any new songs added will use the same ID for that artist.



## 08 – Apply FHR Album IDs

The samPHPweb application currently passes album information between pages using the actual characters of the album. This can lead to character encoding, URL formatting, and potential SQL injection errors. Instead of using characters, I've designed a PAL that will assign a unique ID number to each album in the system.

Load *fhr\_albumid.pal* into the SAM PAL window. There is nothing to edit but feel free to open it and take a look to see what it does.

### VERY IMPORTANT PARTS

1. This PAL must be run every time new songs are added to SAM. By default the album ID value for a song when it is added is 0 (zero). If you see lots of zeroes in the URLs for albums then this PAL needs to run (or is in the process of running).
2. For systems with a large number of songs this may take a long time to run. In order to prevent locking up the system there is a throttle in place that only allows one album to be updated every second. If there are 300 unique albums in the system the PAL will take a minimum of 300 seconds (5 minutes) to run.
3. The ability to assign unique IDs is completely dependent on the quality of data. The album value of the songs must match exactly in case and punctuation for it to be considered the same. If the case and punctuation do not match exactly this PAL will assign different IDs. It is up to you to quality control the data. Garbage in, garbage out. And managing garbage stinks.

The album ID is calculated by using the concatenation of the artist name and album name. In this way the album "Gold" by Rush will have a different album ID than the album "Gold" by the Scorpions. While this example uses compilation albums, it is not too uncommon to have an album of the same name by different artists. One of the down-sides of this logic is various artist albums are assigned multiple album IDs and therefore not grouped in the Playlist page; one per artist. For a various artist album with 10 artists there will be 10 album IDs and 10 listings on the Playlist page. I am evaluating options and alternatives to be able to group various artist albums better on the Playlist page but haven't found a good means yet.

This PAL may be run at the same time as the PAL that generates artist IDs.

The PAL tries to be efficient in adding the IDs; songs that already have an album ID are not reprocessed when the PAL is run again. It also has built-in smartitude; if an album already has been assigned an ID in the system any new songs added will use the same ID for that album. This is useful if you add only a portion of an album at one time then add more songs later.

## 09 – Condition pictures (optional)

When adding songs to SAM, one image per song is saved to the local picture directory (refer to SAM -> config -> general). These pictures generally start with "az\_", have some alpha-numeric code, then the artist and album; but not always.

If you'd like to condition these down to one picture per album then this is the PAL for you! This is optional, but recommended. Helps prevent any URL escaping issues when generating HTML image source references.

Load `fhr_picture.pal` into the SAM PAL window and open it for editing.

```
// Enter a complete path to SAMs album cover art output.  
// Include a trailing \ or Bad Things may happen.  
var picture_path : String = 'C:\VirtualHosts\festerhead.com\htdocs\coverart\';
```

Set the picture path to be the exact same values in SAM for the local picture directory (refer to SAM -> config -> general). Include the trailing \ at the end of the path for the noted reason.

### VERY IMPORTANT PARTS

1. If you decide to use this, the PAL should be run every time new songs are added to SAM, but AFTER the album ID PAL has nothing to process.. The picture will use the album ID as the name.
2. For systems with a large number of songs this may take a long time to run. In order to prevent locking up the system there is a throttle in place that only allows one album to be updated every second. If there are 300 unique albums in the system the PAL will take a minimum of 300 seconds (5 minutes) to run.
3. The "az\_" images are not deleted from this PAL. It is up to you to delete them. You can leave them and everything will be OK; just wasting space.
4. If you host your website on a remote server make sure to upload the new images.
5. This PAL is configured to handle only JPG pictures. If for some reason your songs are tagged with pictured other than the JPG format DO NOT USE THIS PAL!

## **10 – \* *Install Apache***

Install the Apache (or compatible) web server.

The Apache version used during development, testing, and production for FesterHead Radio is `apache_2.2.14-win32-x86-no_ssl`. Any Apache version, including the 1.3 branch, should be OK.

## **11 – \* *Install and configure PHP***

Configure the web server for PHP support.

The PHP version used during development, testing, and production for FesterHead Radio is `php-5.3.1-Win32-VC6-x86`. Any version of PHP in the 5.3 branch or above should be OK. Lower versions may work but will not be supported.

In general, a default `PHP.ini` will work but one or more extensions may need to be enabled. Here is the list enabled in PHP used by FesterHead Radio:

```
extension=php_curl.dll  
extension=php_gd2.dll  
extension=php_mysql.dll  
extension=php_openssl.dll  
extension=php_xsl.dll
```

The Apache/PHP combo used for FesterHead Radio host several other systems, including my [Song Requester service](#) and I forget exactly which extensions are needed for the plugin.

If you are not able to enable extensions in your PHP due to web host restrictions STOP; this plugin will probably not work 100%.

## **12 – \* *Install WordPress***

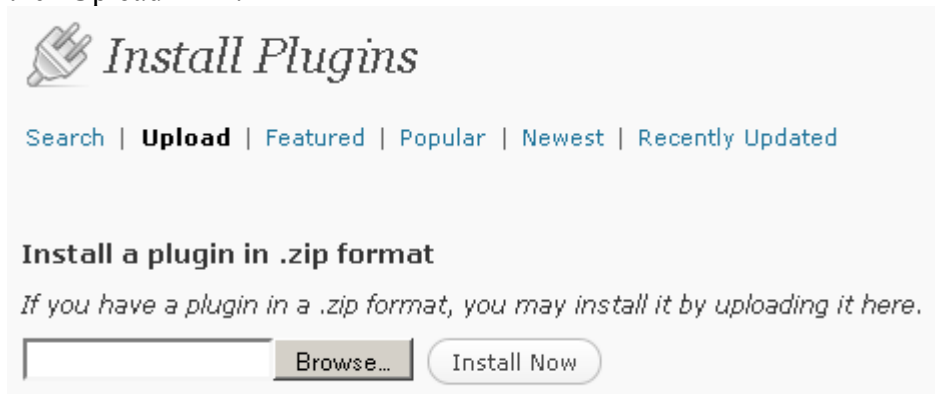
Install WordPress.

## **13 – \* *Configure WordPress***

Configure WordPress.

## 14 – Install FHR SAM WordPress plugin

Log into WordPress as an administrator, go to the Dashboard and select “Plugins” → “Add New” then click on the “Upload” link.

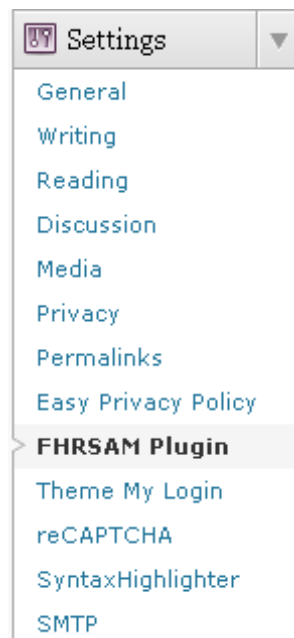


“Browse...” to the FHR SAM plugin, then click “Install Now”.

Go to the “Plugins” → “Plugins” page and you should see the FHR SAM plugin. If it is not activated, do so now.

☐ **FesterHead's SAM Plugin** Plugin which adds shortcodes that can be used on pages to display SAM information.  
[Deactivate](#) | [Edit](#) Version 0.1 | By [FesterHead \(Steve Kunitzer\)](#) | [Visit plugin site](#)

Under the Dashboard “Settings” section you will see the FHR SAM Plug-in link. Click and proceed to the next step: Configure the FHR SAM WordPress plugin (you may have more or less links as seen in the settings screen shot below depending on any extra WordPress plug-ins you have installed).



Note: When the plug-in is out of beta it will be submitted to the WordPress database so it can be installed and managed directly from their repository.

Note: Since this plugin is in beta not all aspects of the documentation are ready for it to be submitted to WordPress.

## 15 – Configure *FHR*SAM WordPress plugin

Before getting into the actual configuration components of the plugin it is best to create the pages where the shortcodes will be used.

Go to “Pages” → “Add New”

Create a page titled “Playlist” with the following shortcode as the body:

```
[fhrrsamPlaylist]
```

Create a page titled “Now Playing” with the following shortcode as the body:

```
[fhrrsamNowPlaying]
```

### VERY IMPORTANT PARTS

1. Only use the shortcodes at most one time; more than once may result in Bad Things when the plugin creates links for songs, albums, and artists.
2. TODO: add more important information

You can use whatever templates and order you want. It is best to uncheck the “allow comments” option as these pages will be displaying dynamic information. Let your users comment elsewhere.

While it is possible to include other information in the body of the pages I have not attempted to do so and any additions may cause the pages to format incorrectly so try at your own risk.

### Database Information

#### Database Information

|          |                          |
|----------|--------------------------|
| Server   | <input type="text"/>     |
| Schema   | <input type="text"/>     |
| Username | <input type="text"/>     |
| Password | <input type="password"/> |

Update Options

**Server:** Enter the IP or host name of the database

Examples: localhost, www.mydatabase.com, 192.168.1.101, 202.112.256.000

**Schema:** Enter the MySQL database schema that SAM is using

Examples: samdb, fhrrsam

**Username:** Enter the username that SAM uses to connect to the database

**Password:** Enter the password that SAM uses to connect to the database

## SAM Information

**SAM Information**

SAM host

SAM port

Update Options

**SAM host:** Enter the IP or host name of the database

Examples: localhost, www.mysam.com, 192.168.1.101, 202.112.256.000

**SAM port:** Enter the port used by SAM to listen to requests

Examples: 1221, 2222

Refer to SAM → config → general → HTTP Handler Port

## Requests Information

**Requests Information**

Enable requests?

☒ Check to enable requests.

What minimum role is needed to make requests?

Subscriber

What type of request mechanism?

FesterHead's No Frills Song Requester Service

FesterHead's Hosted Song Requester Service ID

Used by FesterHead's Hosted Song Requester Service requests

Update Options

**Enable requests?** Check the box to enable requests. If this box is not checked then the rest of the configuration elements in this section are not needed.

**What is the minimum role needed to make requests?** Select a role from the drop-down. At this time only the default roles provided by WordPress are available. If you have deleted or do not use these roles then STOP; this plugin will not work for you. A later version may provide a custom role to be entered.

**What type of request mechanism is going to be used?** Select a request type from the drop-down. At this time three request mechanisms are supported:

1. [FesterHead's No Frills Song Requester Service](#)
2. [FesterHead's Hosted Song Requester Service](#)
  - If this is selected enter the ID in the FesterHead's Hosted Song Requester Service ID box
3. Other – I have smartitude
  - If this is selected then edit request.php to reflect how you handle requests. This file is an empty shell that provides you the means to do whatever you want.
  - Refer to request\_sample.php for the request mechanism I use on FesterHead radio that

adds requested songs to a custom category

*Direct requests into SAM via the HTTP Handler Port (also known as private requests when using samPHPweb) are not supported at this time. Originally I wasn't going to include requests in the beta but decided to add at least a minimal level of request support.*

## Amazon Information

### Amazon Information

|                               |   |
|-------------------------------|---|
| Display Amazon.com buy links? | <input checked="" type="checkbox"/> Check to enable Amazon buy now links and ASIN value harvesting. (recommended) |
| Associate tag                 | <input type="text"/>  |
| Access key                    | <input type="text"/>  |
| Private key                   | <input type="text"/>  |
| Amazon region                 | com <input type="button" value="v"/> Amazon region to harvest ASIN values and build buy now links.                |

Update Options

**Display Amazon.com buy links?** Check the box to enable Amazon buy now links, ASIN value harvesting, and album rating harvesting (applied to each song in the album). Highly recommended to enable.

**Associate tag:** Enter your Amazon associate tag

**Access key:** Enter your Amazon web service access key

**Private key:** Enter your Amazon web service private key  
(TODO: Put links to how and/or where to get this information)

**Amazon region:** Select an Amazon region to link to and harvest information from.  
If your particular Amazon region is not listed [enter an enhancement request](#)

## Cover Art Information

Cover Art Information

Cover art directory for making thumbnails

Specify full path. Use / to separate folders.  
End with a /

Cover art directory for web access

Can be absolute or relative path. End with a /

Thumbnail art directory for making thumbnails

Specify full path. Use / to separate folders.  
End with a /

Thumbnail art directory for web access

Can be absolute or relative path. End with a /

Thumbnail height

In pixels.

Thumbnail width

In pixels.

Update Options

This is probably the trickiest setting; entering paths to cover and thumbnail art.

If the images are not displaying correctly then view the source output of the offending page(s), find where the HTML image source references are, and determine the pathing error. For additional assistance consider [opening a support topic](#) and I may be able to help.

**Specify the cover art directory which will be used for making the thumbnails.** This should be a full local path. Use / to separate folders and include a trailing /. This is the location on the web server where the cover art images reside.

Example: C:/VirtualHosts/festerhead.com/htdocs/coverart/

**Enter the cover art directory for web access.** This can either be a full absolute path or a relative path to the cover art folder with respect to WordPress wp-content folder.

Example full absolute path: http://www.festerhead.com/coverart/

Example relative path: ../../coverart/

**Specify the thumbnail art directory which will be used for storing the thumbnails.** Thumbnails are generated only one time then stored to improve efficiency. This should be a full local path. Use / to separate folders and include a trailing /. This is the location on the web server where the thumbnail art images reside.

Example: C:/VirtualHosts/festerhead.com/htdocs/coverart/thumbnails/

**Enter the thumbnail art directory for web access.** This can either be a full absolute path or a relative path to the thumbnail art folder with respect to WordPress wp-content folder.

Example full absolute path: http://www.festerhead.com/coverart/thumbnails/

Example relative path: ../../coverart/thumbnails/

**Thumbnail height:** Enter a value, in pixels, for the height of the generated thumbnails.

**Thumbnail width:** Enter a value, in pixels, for the width of the generated thumbnails.

In general, you want to use values for the thumbnail height and width in the same ratio as the cover art. If your cover art images are all generally 200 pixels by 200 pixels then a thumbnail height and



width of 30 pixels is good.

If your cover art has a wide range of sizes then try to find a happy median. Inconsistent sizes will yield inconsistent results. In other words, garbage in, garbage out; and managing garbage stinks.

## Other Information

**Other Information**

|                     |   |
|---------------------|---|
| Station Name        | <input type="text"/>  |
| Now Playing page ID | Found page ID 5 with [fhrrsamNowPlaying] shortcode  |
| Playlist page ID    | Found page ID 8 with [fhrrsamPlaylist] shortcode  |
| Show Flash preview? | <input type="checkbox"/> Check to display Flash song preview option.                                |
| Save on uninstall?  | <input checked="" type="checkbox"/> Check to preserve plugin settings if deactivated. (recommended) |

Update Options

**Station name:** Enter the name of your station.

Example: FesterHead Radio

**Now playing page ID:** No longer needed to be entered; I found a way for it to be self-discoverable.

**Playlist page ID:** No longer needed to be entered; I found a way for it to be self-discoverable.

If you have not yet added pages with the shortcodes as directed above, please do so now and return back to the plugin configuration.

**Save on uninstall?** Check the box to preserve the plugin settings should you chose to uninstall. Highly recommended to enable.

All the plugin settings are stored within the WordPress framework.

## **16 – \* Enjoy**

Don't forget that while the plugin is free donations encourage continued development. Use PayPal to donate (use link in WordPress Dashboard) or get me something from my [Amazon.com Music Wish List](#) (preferred).

## **17 – Support**

Support should be directed to the [FHRSAM WordPress Plugin](#) section of my [Song Requester service forums](#).

For the love of all that is holy, please observe these guidelines:

- **DO NOT** send support questions over email
- **DO NOT** post support questions to my [Google group](#)
- **DO NOT** post support questions to the [SpacialAudio forums](#)
- **DO NOT** post support questions using any Private Message system

Because I'd like to see this product succeed I will most likely do my best to be able to help. However, keep in mind that I expect a certain amount of knowledge and infrastructure in place before this plugin can be installed or when doing the installation. There is only one of me and a lot of you. I cannot provide one-to-one assistance via chat, video, or other (near) real-time services.

I may be able to be convinced, though, with buckets of cash via PayPal (use link in WordPress Dashboard) or item(s) from my [Amazon.com Music Wish List](#) (preferred).

## **18 – Uninstall**

Follow each specific program uninstallation procedures including removing the plugin using the WordPress dashboard.

To remove all the "fhr\_" components from the database run *fhr\_restore\_database.pal*. Note that any change to SAM created columns such as sizing or type will not be restored.

## Example Now Playing Page

### Now Playing

**Coming Up:** [Queensrÿche](#)

**Current Show:** Regular Rotation - FesterBot selections and listener requests



Buy from [amazon.com](#)

**Genre:** Rock

- Album Rock
- Hard Rock
- Prog-Rock/ Art Rock
- Arena Rock

**Categories:**

- Progressive: Rock
- Regular Rotation
- Rock: Album
- Rock: Arena
- Rock: Art
- Rock: Hard

**Artist:** [Rush](#)

**Album:** [Hemispheres \(The Rush Remasters\)](#)

**Title:** [Cygnus X-1 Book II - Hemispheres](#)

**Composer:** Lee, Lifeson, Peart

**Rating:** 4.5

**Duration:** 18:08 (Remain: **17:57**)

**Year:** 1978

**Added:** July 9, 2010

**# Plays:** 3

**Last Played:** December 28, 2010 4:17 pm

**# Requests:** 0

**Lyrics:**

I. Prelude

When our weary world was young  
The struggle of the ancients first began.  
The gods of Love and Reason  
Sought alone to rule the fate of Man.

They battled through the ages,  
But still neither force would yield.  
The people were divided,

*FesterHead Radio in no way claims ownership of any lyrics. Lyrics are property and copyright of their respective owners and are provided for educational and archival purposes only.*



## Sample Artist Browse Page from Playlist

### Playlist

Artist begins with <#>, [A](#), [B](#), [C](#), [D](#), [E](#), [F](#), [G](#), [H](#), [I](#), [J](#), [K](#), [L](#), [M](#), [N](#), [O](#), [P](#), [Q](#), [R](#), [S](#), [T](#), [U](#), [V](#), [W](#), [X](#), [Y](#), [Z](#)

I »

- 001. [Ian and Sylvia](#)
- 002. [Ian Astbury](#)
- 003. [Ian Hunter](#)
- 004. [Ian More](#)
- 005. [Ian Thomas](#)
- 006. [Iggy and the Stooges](#)
- 007. [Ike and Tina Turner](#)
- 008. [Incubus](#)
- 009. [Indigo Girls](#)
- 010. [Infectious Grooves](#)
- 011. [Information Society](#)
- 012. [Interpol](#)
- 013. [INXS](#)
- 014. [Iron Butterfly](#)
- 015. [Iron Maiden](#)
- 016. [Isaac Hayes](#)
- 017. [Israel Kamakawiwo'ole](#)
- 018. [It's a Beautiful Day](#)
- 019. [Izzy Stradlin and the Ju Ju Hounds](#)

## Example Album Browse Page from Playlist

### Playlist

Artist begins with #, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

L » Led Zeppelin »

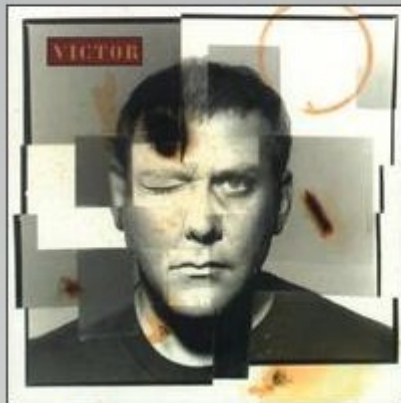
01.  Houses of the Holy
02.  How the West Was Won
03.  In Through the Out Door
04.  Led Zeppelin (Box Set I)
05.  Led Zeppelin (Box Set II)
06.  Led Zeppelin I
07.  Led Zeppelin II
08.  Led Zeppelin III
09.  Led Zeppelin IV
10.  Led Zeppelin [DVD]
11.  Mothership
12.  Presence

## Example Song Browse Page from Playlist

### Playlist

Artist begins with #, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

V » Victor » Victor »



Buy from amazon.com

**Genre:** Rock

- Hard Rock
- Prog-Rock/Art Rock
- Arena Rock

**Artist:** Victor

**Album:** Victor

**Year:** 1996

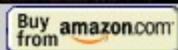
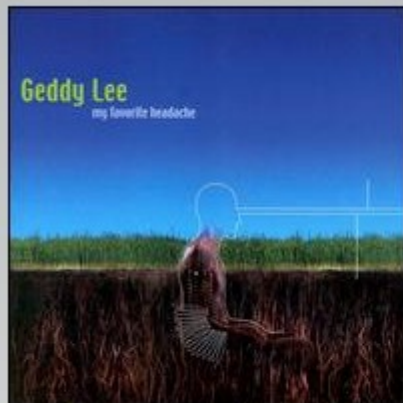
001. **R** Don't Care
002. **R** Promise
003. **R** Start Today
004. **R** Mr. X
005. **R** At the End
006. **R** Sending Out a Warning
007. **R** Shut Up Shuttin' Up
008. **R** Strip and Go Naked
009. **R** The Big Dance
010. **R** Victor
011. **R** I Am the Spirit

## Example Song Information Page from Playlist

### Playlist

Artist begins with #, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

G » Geddy Lee » My Favorite Headache » My Favorite Headache



**Genre:** Rock

- Hard Rock
- Prog-Rock/Art Rock
- Arena Rock

#### Categories:

- Progressive: Rock
- Regular Rotation
- Rock: Arena
- Rock: Art
- Rock: Hard

**Artist:** Geddy Lee

**Album:** My Favorite Headache

**Title:** My Favorite Headache

**Rating:** 4

**Duration:** 4:44

**Year:** 2000

**Added:** July 9, 2010

**# Plays:** 2

**Last Played:** December 25, 2010 11:43 am

**# Requests:** 0

**Request:** [Request](#)

#### Lyrics:

One man standing on the plains of Abraham  
Watching the damaged sunrise  
One man standing near the edge of a quiet breakdown

I watch the sea, it helps to anchor me  
I watch the sea, it helps to anchor me

Once you start hiding you keep on hiding  
Till your paranoia calms down  
Once you start watching you keep on watching

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