



Hubert's World

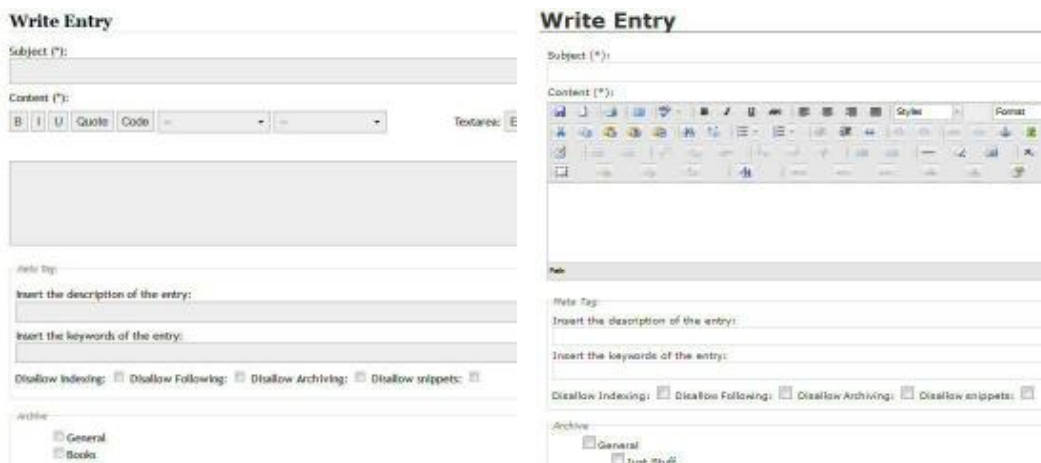
Jun
21

Flatpress Plugin: SEO Metatag Info v2.0

Seo Meta Tags for Search Engines v2.0

Here is an update to my SEO Metatag Info v1.0 plugin for the php-based flat-file Flatpress Blogging Engine.

After being alerted to a potential problem by Piero VDFN relating to the possible loss of comments through use of the SEO Metatag Info v1.0 plugin, I revisited the plugin code and have worked around the problem by storing the 'metatags.ini' files in an isolated directory. This is actually an improvement as all 'metatags.ini' files are now in one logical place. While fixing the 'loss of comments' problem I also took the opportunity to upgrade some of the plugin features namely,



Plugin Features

- Single Entries - Editing and output of description, keywords, and robots meta tags
- Static pages - Editing (mod required see below) and output of description, keywords, and robots meta tags
- Categories - Output of description, keywords, and robots meta tags
- Archives - Output of description, keywords, and robots meta tags **** New ****
- Tags - Output of description, keywords, and robots meta tags **** New ****
- Canonical - Output of the canonical meta tag (selectable) **** New ****
- Title - Output of pretty titles for categories, archives, and tags pages (selectable) **** New ****
- Tries to make pages unique by appending 'page #nn' or 'comments' to titles and descriptions **** New ****
- Title - Output of the title meta tag (selectable) **** New ****
- Better data layout - All 'metatags.ini' files are now stored under 'fp-contents/seometa/' **** New ****
- Data Migration - Data from the v1.0 plugin will automatically be migrated to the new v2.0 data layout (selectable) **** New ****
- Editing of meta tags for Single Entries and Static pages will now save first time **** New ****

Plugin Configuration

- **Pretty Titles** - To generate pretty titles for pages e.g. ‘Blog Title - Category - Flatpress’ or ‘Blog Title - Archive - 2011/06’ then change

```
define('SEOMETA_GEN_TITLE', false);
```

to

```
define('SEOMETA_GEN_TITLE', true);
```

- **Title Meta Tag** - To generate a ‘<meta name=”title”...>’ tag then change

```
define('SEOMETA_GEN_TITLE_META', false);
```

to

```
define('SEOMETA_GEN_TITLE_META', true);
```

- **Canonical Meta Tag** - This tag helps to eliminate duplicate content. Re: wiki page Canonical Meta Tag
To generate a ‘<link rel=”canonical”..>’ tag then change

```
define('SEOMETA_GEN_CANONICAL', false);
```

to

```
define('SEOMETA_GEN_CANONICAL', true);
```

- **Hide Comment Pages** - To force comment pages to point to the main page and help eliminate duplicate content (i.e make the non comment version of the page canonical) then change

```
define('SEOMETA_HIDECOMMENTS', false);
```

to

```
define('SEOMETA_HIDECOMMENTS', true);
```

- **Data Migration - IMPORTANT: Backup your data first!**

To enable the *experimental* data migration feature, then change

```
define('SEOMETA_MIGRATE_DATA', false);
```

to

```
define('SEOMETA_MIGRATE_DATA', true);
```

Once data migration has taken place the option can be set back to false.

- **Non LATIN-1 users** - (in particular) can specify additional valid characters for the ‘description’ and ‘keywords’ meta tags by modifying the **\$keep_chars** variable e.g to allow the characters “ășîâ” change \$keep_chars from

```
$keep_char = "";
```

to

```
$keep_char = "ășîâ";
```

- **Description Prefix** - to modify the description meta tag prefix from the default of ‘Blog Title - ‘ to for example ‘Welcome to Blog Title - ‘ then change

```
$prepend_description = $fp_config['general']['title'] . ' - ';
```

to

```
$prepend_description = "Welcome to ".$fp_config['general']['title'] . ' - ';
```

- **Keywords Prefix** - to modify the keywords meta tag prefix from the default of 'Blog Title, ' to for example nothing (that is remove/delete it) then change

```
$prepend_keywords = $fp_config['general']['title'] . ', ';
```

to

```
$prepend_keywords = "";
```

- **Language** - you can create/translate you own language files and place them inside the plugins 'lang' subdirectory e.g. for 'en-us' (file: lang.en-us.php)

```
<?php
$lang['admin']['plugin']['seometataginfo'] = array (
    'legend_desc'      => 'Meta Tag',
    'input_desc'       => 'Insert the description of the entry:',
    'input_keywords'   => 'Insert the keywords of the entry:',
    'input_noindex'    => 'Disallow Indexing:',
    'input_nofollow'   => 'Disallow Following:',
    'input_noarchive'  => 'Disallow Archiving:',
    'input_nosnippet'  => 'Disallow snippets:',
);
$lang['plugin']['seometataginfo'] = array (
    'sep'              => ' - ',
    'home'             => 'Home',
    'blog_home'        => 'Blog Home',
    'blog_page'        => 'Blog',
    'archive'          => 'Archive',
    'category'         => 'Category',
    'tag'              => 'Tag',
    'contact'          => 'Contact Us',
    'comments'         => 'Comments',
    'pagenum'          => 'Page #'
);
?>
```

and as an example of my non-existent italian 'it-it' (file: lang.it-it.php)

```
<?php
$lang['admin']['plugin']['seometataginfo'] = array (
    'legend_desc'      => 'Meta Tag',
    'input_desc'       => 'Inserire la descrizione del post:',
    'input_keywords'   => 'Inserire la parola chiave del post:',
    'input_noindex'    => "Non indice:",
    'input_nofollow'   => 'Non seguire:',
    'input_noarchive'  => "Non archiviare:",
    'input_nosnippet'  => "Disallow snippets:",
);
$lang['plugin']['seometataginfo'] = array (
    'sep'              => ' - ',
    'home'             => 'Casa',
    'blog_home'        => 'Blog Casa',
    'blog_page'        => 'Blog',
    'archive'          => 'Archivio',
    'category'         => 'Categoria',
    'tag'              => 'Tag',
);
```

```
'contact'    => 'Contatto con noi',
'comments'   => 'Commenti',
'pagenum'    => 'Pagina #'

);
?>
```

Note: If you have created a lang file for your specific language, send it to me I will include it in the plugin pack

Data Layout and Storage Structure

The new improved data layout looks like

```
fp-content/content/seometa/
├── archives
│   ├── archive-2011-05_metatags.ini
│   ├── archive-2011-06-02_metatags.ini
│   ├── archive-2011-06-14_metatags.ini
│   └── archive-2011-06_metatags.ini
├── categories
│   ├── cat--255_metatags.ini
│   ├── cat-1000_metatags.ini
│   ├── cat-1100_metatags.ini
│   ├── cat-1_metatags.ini
│   └── cat-20000_metatags.ini
├── default
│   └── metatags.ini
├── entries
│   ├── entry110511-140827_metatags.ini
│   ├── entry110602-152332_metatags.ini
│   └── entry110614-194315_metatags.ini
├── statics
│   ├── Home_metatags.ini
│   ├── blog_metatags.ini
│   ├── contact_metatags.ini
│   └── menu_metatags.ini
└── tags
    ├── tag-flatpress_metatags.ini
    └── tag-plugin_metatags.ini
```

File Format of the ‘metatag.ini’ files

The format of the ‘metatags.ini’ remains the same as the v1.0 plugin and looks like

```
[meta]
description=This is the description
keywords=These, are the, comma, separated, list of keywords
noindex=0=off, 1=on
nofollow=0=off, 1=on
noarchive=0=off, 1=on
nosnippet=0=off, 1=on
```

They are created directly by the plugin or can be created manually as described below

- Single Entries - inside the ‘seometa/entries’ subdirectory. The name of the metatags.ini is prepended with the id of the entry e.g. for an entry with an id of ‘entry110401-142857’ the resultant file is ‘fp-content/content/seometa/entries/**entry110401-142857_metatags.ini**’.

- Static Pages - inside the 'seometa/statics' subdirectory. The name of the metatags.ini is prepended with the name of the static page e.g. for the 'About' static page the resultant file is 'fp-content/content/static-meta/**about_metatags.ini**'.

All static page metatag.ini files must be created manually unless a one line modification (see note below) is applied to the file

'/admin/panels/static/admin.static.write.tpl'

Regardless of whether the above file is modified to allow editing Static page meta tag data, due to limitations the 'Contact Us' page metatag.ini file must always be created manually, it should be named **contact_metatags.ini** and placed with the other files in the 'fp-content/content/seometa/statics/' subdirectory.

Note: IMPORTANT Static page modification to **allow** editing in the 'Write Static Admin Panel'. Applies to flatpress version >= 0.1010.0.

To allow this plugin to edit metadata on static pages the file.

/admin/panels/static/admin.static.write.tpl

has to be modified to call the same action hook called by the 'Write Entries Admin Panel', at approximately line 35 add the line

```
{action hook=simple_edit_form}
```

so that the code now looks like

```
<textarea name="content" {$error.content|notempty:'class="field-error"'} id="content".
  rows="20" cols="74">{$content|default:$smarty.request.content|htmlspecialchars}</textarea><br />
  {*here will go a plugin hook*}
  {action hook=simple_edit_form} {* <<<<===== ADDED <<<<===== *}

  <fieldset id="admin-static-filename"><legend>{$panelstrings.fieldset2}</legend>
  <input type="hidden" name="oldid" id="oldid" value="{ $id|default:$smarty.request.oldid}" />
  <label for="id">{$panelstrings.pagename}</label><br />
```

- Category Pages - inside the 'cat-meta' subdirectory. All category metatag.ini files have to be created manually and named 'cat-**<cat id>**_metatags.ini'. So using an example category of '1000' the metatags.ini file would be created as 'fp-content/content/cat-meta/cat-**1000_metatags.ini**'.
- Archive Pages - although a default file is created by the plugin these should be edited manually and placed inside the 'seometa/archives' subdirectory. The name of the metatags.ini is prepended with the date of the archive e.g. for an archive for 'June 2011' the resultant file is 'fp-content/content/seometa/archives/**archive-2011-06_metatags.ini**'.
for an archive for '20th June 2011' the resultant file is 'fp-content/content/seometa/archives/**archive-2011-06-20_metatags.ini**'.
- Tag Pages - although a default file is created by the plugin these should be edited manually and placed inside the 'seometa/tags' subdirectory. The name of the metatags.ini is prepended with the name of the tag e.g. for an tag called 'flatpress' the resultant file is 'fp-content/content/seometa/tags/**tag-flatpress_metatags.ini**'.

Examples

- Tag named 'flatpress', with noindex option

```
[meta]
description=Flatpress related articles, guides and plugins
keywords=flatpress, flatpress articles, flatpress guides, flatpress plugins
noindex=1
nofollow=0
noarchive=0
nosnippet=0
```

- Archive of 'June 2011', with noindex and nofollow option

```
[meta]
description=Blog archive for June 2011
keywords=archive, blog archive
noindex=1
nofollow=1
noarchive=0
nosnippet=0
```

Installation

Simply download the plugin package and extract the contents of the zip archive into the flatpress "fp-plugins" subdirectory, make the above modification to enable editing static page metatag data (optional), fix the file permissions to be the same as the other plugins/widgets and then enable the plugin in the admin pages.

Update: 2011/06/27 - Attempt to fix problem with static pages - v2.1

Update: 2011/06/28 - Fix error that occurs when the modification to allow editing of meta tags on static pages has not been applied - v2.2

Download: Seo Metatags Info v2.2 plugin

Last Edited on: 2011-07-15

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Tags: flatpress, plugin, meta tag, robots, keywords, description



- **Daniel**

Monday, June 27, 2011 - 14:44:10

Hi,
your plugin works good but i have one problem:

If i want to edit or create a static page and save or preview it i run into a error 500. I checked my phperror log and i found this line every time i run into the problem:

[27-Jun-2011 15:24:50] PHP Notice: Undefined index: pl_file_meta in blog/fp-plugins/seometataginfo/plugin.seometataginfo.php on line 183



- **hubert**

Monday, June 27, 2011 - 15:25:20

Hi

I've just tested creation and editing of static pages on a windows and linux installation and it seems to work here.

in [admin][maintain][Show info about PHP]

what's your post_max_size set to?
what platform and version of php?

at around line 120 of the file 'plugin.seometataginfo.php' could you add two lines

```

}elseif (isset($_REQUEST['p'])) {
    // new blog entry or static page
    $file_meta=SEOMETA_DEFAULT_DIR.'metatags.ini';
}elseif // <==== ADDED
    $file_meta=SEOMETA_DEFAULT_DIR.'metatags.ini'; // <==== ADDED
}

```

also it could be a permission problem, take a look at Making FlatPress bombproof or 500 internal server error on godaddy linux hosting



- **Daniel**

Tuesday, June 28, 2011 - 00:50:19

Hi,

FlatPress Version 0.1010.2 (latest version at the moment)

post_max_size is 10MB
PHP Version 5.2.6-1+lenny10
Debian GNU/Linux 5.0 ("Lenny")
webserver: lighttpd

Additional info:

If i disable the plugin seo metatag info in the plugin manager i can create / edit _static_ pages. As soon as i activate it it's running into the problem above.

To specify: It's on the "preview" or "save" task the error occurs! I can open existing static pages or create a new one but i can't save the changes.

Your two lines of code had no effect.

So my temporary solution is to disable the plugin if i had to edit a static page (what is not happening very often).

I'm willing to dive into the problem. I have full access to this hosting machine.



- **Daniel**

Tuesday, June 28, 2011 - 01:40:48

Hi,

it's cause on a new static page in the backend there is no

```

<input id="pl_file_meta" type="hidden" name="pl_file_meta" value="fp-
content/content/seometa/entries/entry110627-010306_metatags.ini" />

```

input field here. So on line 183 ff of plugin.seometataginfo.php

```
if ( $_POST['pl_file_meta'] !== SEOMETA_DEFAULT_DIR.'metatags.ini' )
// existing blog entry or static page (got file name already)
@io_write_file($_POST['pl_file_meta'], "[meta]n".$metatags);
```

the \$_POST['pl_file_meta'] isn't defined.

I checked it by adding

```
if (!isset($_POST['pl_file_meta'])) return;
```

in front of line 183 and it works to preview a static page.

So for any reason the function simple() doesn't add the hidden input field to the static page in the backend.

==> additional info: i'm using the default Leggero theme shipped with flatpress for this test.



- **hubert**

Tuesday, June 28, 2011 - 08:02:16

Very strange.. the output of the input field is not conditional so it should be output in all cases.

Did you make the modification to the file '/admin/panels/static/admin.static.write.tpl'?

Download the new v2.1 plugin, it performs an empty check on 'pl_file_meta' in do_save().

Also at the end of do_save() there is a line to enable logging of the request and post variables. It logs to 'seometa/log.txt'

```
// @io_write_file(SEOMETA_DIR."log.txt", print_r($_REQUEST, true).print_r($_POST, t
```

just remove the '//' at the start of the line and put them back to disable the logging.

I developed the plugin in a localhost barebones flatpress test installation using the leggero theme.



- **Daniel**

Tuesday, June 28, 2011 - 11:00:00

Good news: It works with plugin v2.1

Even if the

```
<input id="pl_file_meta" type="hidden" name="pl_file_meta"...
```

field is still missing in the page source in the backend preview of a static page. In the preview of a posting it exists.

i did not make changes to '/admin/panels/static/admin.static.write.tpl' or any *.tpl except the footer.tpl Template

Output of the log.txt

Array

(


```
[p] => static
[action] => write
[_wpnonce] => <removed>
[_wp_http_referer] => /blog/admin.php?p=static&action=write
[subject] => Test Static
[timestamp] =>
[attachselect] => -
[imageselect] => -
[content] => just a test page
[oldid] =>
[id] => statictestpage
[save] => Seite speichern
[comment_author_fp-12345abc] => <removed>
[comment_author_email_fp-12345abc] => <removed>
[comment_author_url_fp-12345abc] => <removed>
[fpuser_fp-12345abc] => <removed>>
[fppass_fp-12345abc] => <removed>
[fpssess_fp-12345abc] => <removed>
[ttrss_sid] => <removed>
)
Array
(
    [_wpnonce] => <removed>
    [_wp_http_referer] => /blog/admin.php?p=static&action=write
    [subject] => Test Static
    [timestamp] =>
    [attachselect] => -
    [imageselect] => -
    [content] => just a test page
    [oldid] =>
    [id] => statictestpage
    [save] => Seite speichern
)
```

Thanks for the fast support.

Greetings from Germany
Daniel



- **hubert**

Tuesday, June 28, 2011 - 11:17:47

Ahh.. the simple() function is what displays the input fields for the meta tags.

for entries the file 'admin/panels/admin.entry.write.tpl' automatically calls out to the simple() function this outputs the input fields,

but,

for statics the simple() call is missing in 'admin/panels/static/admin.static.write.tpl', hence the modification to add it, without the modification the simple() function is never called. I didn't see this problem because as I wanted to edit static meta tags I made the modification as a matter of course.

It looks like I need to avoid processing any static meta tags if the modification to 'admin/panels/static/admin.static.write.tpl' has not been made.

Thanks for your input.



- **Daniel**

Wednesday, June 29, 2011 - 10:52:39

Hi hubert,

one more question:

Where i find or i can create a metatags.ini for the "Home" page? The start of the Blog like <http://example.com/blog/> or <http://example.com/blog/?>

Tried seometa/default/metatags.ini but seems not to be the right file for the blog-root.

Thanks



- **hubert**

Wednesday, June 29, 2011 - 13:39:25

assuming the home page of the blog is the blog front page (not a static page) then
'seometa/statics/blog_metatags.ini'

assuming the home page of the blog is a static page e.g 'Home' then
'seometa/statics/Home_metatags.ini'

If you make the modification detailed above the files would automatically be created with default values and be editable.

Add comment

Fill out the form below to add your own comments

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- Flatpress Plugin: SEO Metatag Info v2.0
- Flatpress Plugin: IE6 PNG Transparency Fix
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- Eraziel - Character - Angel Man
- Katerina Kalchosky - Character - Angel Man
- Louise Landers - Character - Angel Man
- Father Brennan - Character - Angel Man
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