

TagPiG

WordPress Auto Tag Plugin



user guide



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Introduction

Congratulations on downloading TagPiG, one of the many useful modules released from the BlogPiG stable of WordPress automation tools

Some features described in this user guide are only available to users with a professional (TagPiG Pro) license and these are clearly marked with the blue icon

If your Pro features are not active you can instantly upgrade to TagPiG Pro at any time. We even offer a 7 day trial. Simply visit <http://blogpig.com/products/tagpig> for more information.

With TagPiG installed on your blog you can:

- Get all the great benefits of tagging without any of the additional manual overheads
- Automatically expand the keyword reach of your blog posts by adding 'related' tags in addition to 'found' tags
- Get traffic boots from Technorati, Delicious and other tag aggregators in addition to the search engines
- Automatically increase your blog's total page count as each new tag equals a new page and every page gets indexed by the search engines
- Clone your TagPiG settings so that all your blogs are activated with the same settings and are good to go with the minimum of work

In this user guide you'll find the full details of exactly how to install, operate and gain the maximum advantage from your TagPiG plugin.

If you have any questions, please don't hesitate to [get in touch](#).

Owner BlogPiG.com



Requirements

- WordPress 2.8+
- PHP4/5
- ionCube Loaders

Installing TagPiG

If you haven't already downloaded TagPiG from the BlogPiG members' area please do so at:

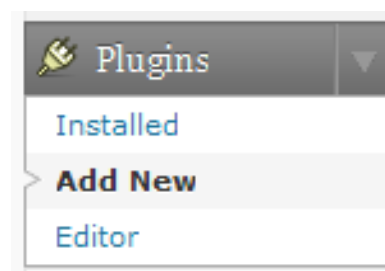
<http://blogpig.com/members>

Your logon details are contained in your original BlogPiG signup email. You can have your password resent on that page too.

If you downloaded TagPiG from the WordPress Plugins Directory we highly recommend that you use the latest version available from the BlogPiG members' area. Please delete the previous directory created by WordPress, your settings will remain.

Once you've downloaded TagPiG follow these steps:

1. Unzip the TagPiG zip file; it will contain one folder called **_tagpig**.
2. Use an FTP client to upload the unzipped **_tagpig** folder to your WordPress blog plugins folder **/wp-content/plugins/**
3. Logon to your WordPress administration area and go to the Plugins section and click on **Installed**. Find TagPiG and **activate** the plugin.
4. After activation a new BlogPiG section will appear at the bottom of your blog admin area sidebar.
5. TagPiG should be listed below the BlogPiG sidebar header. If it is not simply click on the BlogPiG header and a list of activated BlogPiG plugins will drop down.
6. Click on TagPiG to access the TagPiG admin area. You can also get to the settings by using the **'settings'** shortcut listed neat the activate button on the plugin page





ionCube

Pro

All our Pro features are encoded with ionCube. This enables us to invest further in research & development and continue to offer you high quality support and bring you all the latest features.

Most servers are able to run ionCube encoded scripts without any additional configuration.

If ionCube is not pre-installed by your hosting provider you will see an **ionCube Loaders: Not Found** warning in the top right status area of your plugin and the Pro features will remain disabled even if you have entered a key with a valid Pro license.



GoDaddy is one of the largest hosts that do not provide ionCube by default.

No need to worry, you can still run all our BlogPiG plugins but it is just going to take a little longer to setup.

The fastest way to get setup is to email or send a support ticket to your hosting provider and ask them to **enable the ionCube loader in php.ini on your server.**

If they refuse or do not appear to understand your request then it is probably time to consider a different host, this is a very standard request.

Advanced users can also install the ionCube runtime loaders very easily yourself, it's a 5 minute job. Simply follow the instructions at the end of this user guide.

Alternatively drop us a [support ticket](#) and we'll give you all the guidance and support you need to get up and running.



BlogPiG API Key

You'll need to enter your BlogPiG API Key and of course have purchased a valid subscription for all the TagPiG features to work.

If you have previously acquired a BlogPiG API key for TagPiG or any other BlogPiG product simply use the same API key as you used previously.

You keep the same BlogPiG API key for the life of your BlogPiG membership and it is the same for all your BlogPiG products.

Please do not tell anyone else or share your BlogPiG API key, we monitor for abuse and the system will put suspect keys on hold whilst we investigate.

You can get your own BlogPiG API key from the BlogPiG [members' area](#) it will be displayed in your profile at top after you log in.

Enter your API key into the box at the top of the plugin and hit **Save Key**.

BlogPiG API Key

API Key:

Your Licenses: [**Bronze, CommentPiG Pro, SpinPiG Pro, CloakPiG Pro, TagPiG Pro, NichePiG, CSVPiG Pro**]

Your valid licenses will be displayed below in green and the Pro features will become activated if you have the correct license attached to your key.



Why Add Tags?

There are a lot of great reasons to add tags your blog posts and as you've already read the sales page and downloaded TagPiG I'm not going to cover them all again here.

The key reason to add tags to your WordPress blog is simply because it creates more pages! Each of these pages will be indexed by the search engines and each new indexed page gives you a brand new opportunity to rank well for another keyword.

More rankings equals more traffic, now who wouldn't want that?

With TagPiG auto tagging enabled you can take a fairly modest 30 page blog and easily transform it into a 300 or even a 3000 page blog in just a few days!

Your tags will automatically be rotated to ensure that all of your new pages are indexed without diluting your internal pagerank.

Tag smart, tag automatically, with TagPiG from BlogPiG.com



Choose Your Tag Sources

Your first decision is whether you want TagPiG to run in fully automatic mode.

Most users will, so leave the **Auto Tag All New Posts** box ticked. This ensures that every new post that is published (either manually or via the WordPress scheduler) is automatically tagged by TagPiG.

If you uncheck this box then TagPiG will still work but you will need to click the **add tags now** button inside the new posts screen in WordPress admin. See later section for more information.

Auto Tag Sources

Auto Tag All New Posts:

Tag Sources:

Yahoo
AppID: (get one [here](#))

TagTheNet

Embedded Tags

OpenCalais **PRO**
API Key: (get one [here](#))

Also Use as Social Tags
Tags: Topics

You have a choice of 4 sources of tags for your blogs post.

Yahoo – By leveraging Yahoo's Search API TagPiG is able to extract a list of all significant words or phrases from your blog posts. These can be used as they are or filtered further as needed. We highly recommend checking the Yahoo source check-box. You can keep using the default YahooDemo AppID but it is better to get your own free AppID from Yahoo as the YahooDemo key is occasionally overused. Get your own AppID [here](#).

Tag-the-Net – By working with the Tag-the-Net API TagPiG returns a set of tags based on the textual content of your blog post. These can be used as they are or filtered further as needed. We highly recommend checking the Tag-the-Net source check-box. Tag-the-Net occasionally returns shorter single word tags that are not



specifically related to your post. These can be eliminated by setting the **min words per tag** filter (described below) to 2.

Pro Open Calais – The Open Calais API provides one of the most comprehensive text analysis engines available today. Not only can it return the main targeted words from your post but also additional phrases or categories that it considers are related to your post's theme. You will need to use your own Open Calais API key as we are not allowed to share our key. You can get a free Open Calais API key instantly from [here](#). To get the widest variety of tags keep the **social** and **topics** options checked.

Embedded Tags – If you already have tags prepared for your blog posts you can easily import them by putting them inside your post content and enclosing them between `[tags]` `[/tags]` shortcodes

e.g: `[tags]gadgets, widgets, mobile phones, calculators, Xbox 360[/tags]`

TagPiG will automatically extract these tags and display them as tags below your post.

We have several more tag sources in testing right now, stay tuned for updates.



Filter Your Tags

TagPiG gives you complete control over how you filter you tags before they are displayed on your blog.

Filter Tags

Maximum Tags:
single digit or range (e.g. `5-10`)
(0 = all tags)

Minimum Words Per Tag:
(0 = all words)

Word Filter: on off

filter words:

bad word
bad deed

One word/phrase per line

Maximum Tags – By setting this to a single value or random range (e.g. 5-10) you limit the amount of tag possibilities that TagPiG will retrieve from the selected sources. We recommend setting it to 0 giving you unlimited tags and the maximum possible keyword spread. If you decide to set it to a value or range TagPiG will collect all possible tags and then reduce the amount to your chosen number by eliminating a random selection. This can be useful if you are on small or shared hosting account and the tag database grows too large, too fast.

Minimum Words per Tag - This setting allows you to control whether single words can be included as tags. Single words occasionally have double meanings whereas 2+ word phrases are much more targeted and also much less competitive. We recommend using a **minimum words per tag** setting of 2. This will help eliminate the



inclusion of stop-words and overly competitive single keywords. Once TagPiG has collected all possible keywords from your chosen sources any with fewer than the specified number of words will be deleted before the remaining tags are included in the WordPress tag database.

Word Filter – The default setting is OFF and if you are running TagPiG on an autoblog it is probably fine to keep it this way. Set the filter to ON if you wish to prevent certain keywords appearing in your tags. Add one keyword per line, any tags that match the keywords listed here will not be added to your posts.

Preferred Tags: on off **PRO**

list of preferred tags:

One tag per line

Update >

Pro Preferred Tags – Sometimes you'll want to ensure that particular keywords are always used as tags even if they are not picked up as themed keywords by the analysis engines. You can include a list of your preferred keywords here, 1 per line. If any of the keywords appear in a post they will always be added as a tag for that post.



Auto Tag Linking

In addition to adding keyword rich tags to your post TagPiG can automatically create and maintain an intelligent internal linking structure for your blog. TagPiG analyses your post's content for words or phrases that already occur in the tag database.

If any matching tags are found the word/phrase is automatically linked inside the content of the post to an aggregated tag page containing all posts that contain the common tag.

This is a very powerful linking technique giving your blog highly targeted anchor text links and the best part is that it is 100% automated.

The real power of this technique comes from the fact that the links appear 'in context' i.e. the search engines get to index the link and the words surrounding the link.

Auto Tag Linking

Auto Link Tags:

Match Tag Case:

No-Follow All Tags:

Minimum Tag Frequency:

Maximum Links per Tag: **PRO**
Limits the number of links for each tag per post

Maximum Links per Post: **PRO**
Limits the number of linked tags per post

Auto Link Tags - You can decide whether or not TagPiG automatically adds common tag links within your blog posts. Simply select YES to activate this feature.

Match Tag Case - By default TagPiG will ignore the case of words in your blog post when looking for matches in the tag database. In some cases you may wish to force TagPiG to match the case of words. An example of where this feature could prove



useful is if your posts contain a lot of names or acronyms. Simply select YES to activate this feature.

No-Follow All Tags – Does exactly what it says and adds a **no-follow** attribute to all you internal tag links. I set this to no on my sites.

Min Tag Frequency - You can control how many occurrences of a tag must appear in the tag database before any links are created within the content area of the blog post. The default setting is 5 which we've found is about right and gives a good amount of content on the aggregated tag pages. Have a play with the settings to see what value works for you.

Pro **Maximum Links per Tag** – Use this setting to choose the maximum number of times any particular tag can be linked inside a single post. 1-2 is a good setting to try out.

Pro **Maximum Links per Post** – Here you can control the total number of links that can appear within a post, this prevents your post content breaking down because too many tags are linked within the content. 5 is good setting to try here.



Publish Your Tags

So far TagPiG has analysed, acquired, filtered and linked your tags. You now need to make a few decisions about how you would like the tags displayed on you blog.

Publish Tags

Publish in Posts:

Publish in Feeds:

Categories to Tags: Yes ▾

Publish Tags in Posts/Feeds – You can control whether TagPiG adds a list of your tags to the base of each post and/or within your blog's feed by simply checking the appropriate boxes. Your chosen WordPress theme may already be inserting tags for you so you do not have to use TagPiG to publish your tags. Obviously we highly recommend using TagPiG to display your tags rather than the native WordPress template code as you get complete control over the appearance and exactly how many tags are displayed. WordPress native code simply dumps all tags below your post. If you decide to use TagPiG to display your tags you may need to delete the native tag code from your template to avoid duplication. Watch [this video](#) to find out how to do it.

Categories to Tags – If you are also using categories on your blog you can have TagPiG automatically create a new tag using the category each post appears in.

e.g. every post in the category 'gadgets' would also have a 'gadgets' tag added allowing the automatic linking together of related 'gadget' posts. To activate this feature simply select the Yes drop-down.

**Tag Template:**

```
Tags: %Repeat_Begin%  
%Tag%%Separator%  
%Repeat_End% <BR/>
```

Allowed variables:

%Repeat_Begin% - start of the loop;

%Repeat_End% - end of the loop;

%Tag% - the tag itself;

%Separator% - tag separator:

Tag Template - Using TagPiG's template engine you can control exactly how your tag list is displayed. We've included a default layout which will display tag lists in the same format as 90% of the WordPress blogs out there. If you want to add some custom CSS or are particularly concerned about footprints feel free to change the code as needed. A key explaining the tokens you should use is included below the template box. Just leave the default code in place if you're at all unsure here, it will work just fine.

No Tags String:**Maximum Tags per Post:**

single digit or range (e.g. '5-10')

(0 = all tags)

No Tags String - Simply enter a string that you would like TagPiG to display in the unlikely event that no tags are available for the post. Leave this field blank if you want nothing displayed.



Maximum Tags per Post – This is TagPiG's tag rotation setting. You can set this to either a single value or a random range. It will control how many of the post's tags are actually displayed in the tag list when your blog is displayed.

E.g. a post may have 50 tags stored in the database but you probably don't want to display all 50 each time the post is viewed. Having 50 links at the base of each post may be viewed as a little over enthusiastic by Google and the other search engines! By changing this setting to a range of '5-7' TagPiG will randomly select between 5 and 7 tags from the 20 available and include these in the tag list when the page is displayed. Next time the page is called another 5-7 tags are selected and displayed.

The tags will change each time the post is displayed or indexed. This way you never have too many links on the post pages but you still get to expose all of your tag pages to your search engines over time.



Tag Existing Posts

Pro

Due to popular demand we've now added a brand new feature that allows you TagPiG all your existing posts as well as your new ones!

This now allows blogs with existing content to take advantage of all TagPiG's auto tagging features.

Auto Tag Existing Posts

Status: **DISABLED PRO**

This process runs in the background. When started it will append new tags to published posts.

Only Auto Tag Posts with Less Than Tags

Auto Tag Previously Auto Tagged Posts

Delay: seconds

Start > Stop >

Status – This shows whether the **archive tagging engine** is running or stopped. The process runs in the background so once started you do not need to keep the TagPiG admin page open.

Only Auto Tag Posts with Less Than N Tags – You can check this option and choose a value for the number of tags if you only want tags with fewer than N tags to be analysed and retagged. Existing with never be replaced by TagPiG.

Auto Tag Previously Auto Tagged Posts – When TagPiG analyses and tags a post it marks the post with a custom field. If you do not check this setting then TagPiG will not analyse posts it has tagged previously. Checking this option is useful if you have added a new tag source and want to see if previously tagged posts now throw up even more undiscovered tags.

Delay – Please use this setting! You set this to at least 5 – 10 seconds preferably 30 seconds. Remember the archive tagging happens in the background so it really shouldn't matter how long it takes. By putting a delay between requests you eliminated the risk of temporary bans by the various tag sources for querying repeatedly or exceed limits.

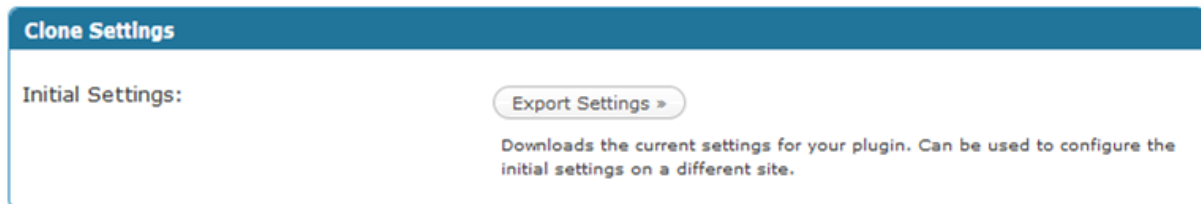


Clone Your Settings

Pro

I use TagPiG on all of my blogs and I need to be able to quickly set it up on each new blog so I can scale my networks.

By setting it up once on an initial blog then exporting your ideal settings you can have each new TagPiG install become a clone of the original.



Once you're happy with your settings hit the **export settings** button to download a file called **initial_settings.txt**. Place this file inside the root directory of any TagPiG install BEFORE activating the plugin and it will clone the settings of the initial blog.

You can of course also manually edit the content of your initial_settings.txt file in any text editor before placing it inside the root of the plugin folder and activating.

Get Support

Product support is available 24x7 by logging in to our support desk at

<http://blogpig.com/support>

Simply open a new ticket and leave a detailed description of issues you are having and we'll get it sorted right away.

The Next Level

At BlogPiG we have many plugins available and in development. We are totally focused on 'set & forget' applications, our goal is for your Passive Income Generating sites to require as little human intervention as possible.

As an existing BlogPiG member you are already on our priority mailing list for news about our impending product launches, we also periodically send out beta invites for users who really want to test out the bleeding edge.



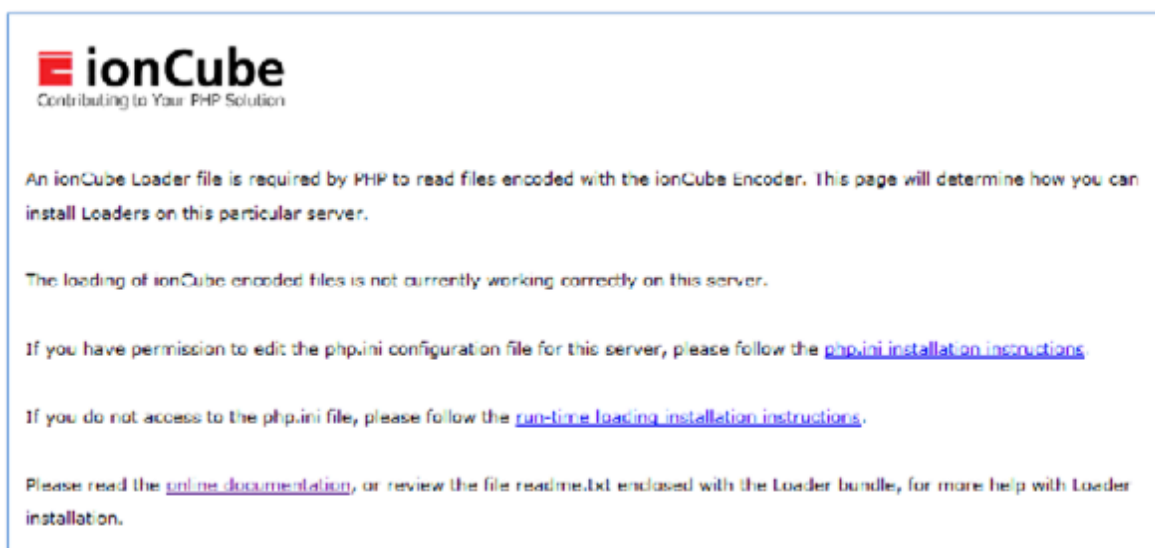
ionCube Runtime Setup Pro

This is intended for advanced users to help troubleshoot any ionCube encoder problems.

1. Firstly please ensure that you are using the plugin you downloaded from the BlogPiG Members' Area, **not** the version from the WordPress Plugins Directory.
2. Browse to the ionCube helper files on your server. On my server this is:


<http://blogpig.com/wp-content/plugins/tagpig/ioncube/ioncube-loader-helper.php>

simply adjust the domain name and path to your own blog accordingly.



3. Click on run-time loading installation instructions to see another page similar to the one below:





Contributing to Your PHP Solution

Run-Time Loading Installation Instructions

Testing Server

Testing whether your system supports run-time loading...

Looking for Loader 'ioncube_loader_lin_4.3.so'

Extensions Dir: . (/home/content/b/l/o/blogpig/html/test)
Relative Path: ../../../../home/content/b/l/o/blogpig/html/test/

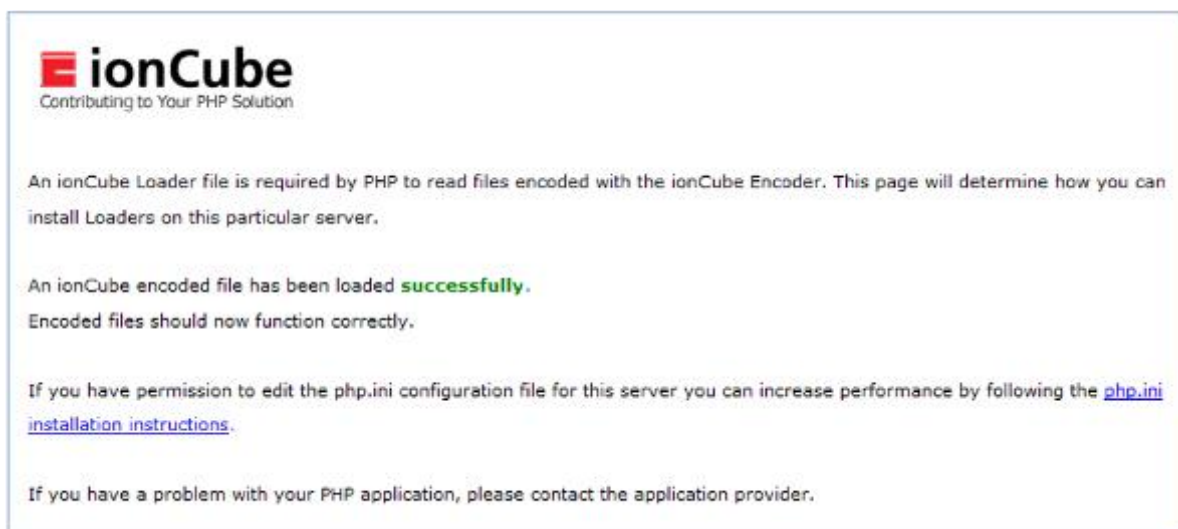
Results

Run-time loading should be possible on your system but no suitable Loader was found.

Instructions

The Linux Loader for PHP 4.3 releases is required.
Loaders can be downloaded from www.ioncube.com

4. This page will tell you exactly what type of server you have and what PHP version you are running. Write this down.
5. Now visit <http://www.ioncube.com/loaders.php> and download the loader package for your server type. In my case it was Linux so I downloaded the Linux (x86) package in ZIP format.
6. You can now unzip the package and upload all the loaders to new **/wp-content/plugins/ionCube/** directory you should create. This is definitely the easiest option and also guards against your host upgrading your PHP version.
7. Alternatively you can just upload the loaders for your PHP version as recorded earlier. In my case it was PHP 4.3 so I uploaded just the ionCube loader lin 4.3.so & ionCube loader lin 4.3 ts.so files into my **/wp-content/plugins/ionCube/** directory.
8. Finally revisit the ionCube helper file on your server. You should now see a page similar to the one below confirming that ionCube encoded files can run on your server.

A screenshot of a web page from ionCube. The page has a white background with a thin blue border. At the top left is the ionCube logo, which consists of a red square with a white 'E' inside, followed by the text 'ionCube' in a bold, black, sans-serif font. Below the logo is the tagline 'Contributing to Your PHP Solution' in a smaller, grey font. The main body of the page contains three paragraphs of text. The first paragraph explains that an ionCube Loader file is required by PHP to read files encoded with the ionCube Encoder and that the page will determine how to install loaders. The second paragraph states that an ionCube encoded file has been loaded 'successfully' in green text, and that encoded files should now function correctly. The third paragraph provides a link to 'php.ini installation instructions' in blue text. The final paragraph advises contacting the application provider if there are any problems.

ionCube
Contributing to Your PHP Solution

An ionCube Loader file is required by PHP to read files encoded with the ionCube Encoder. This page will determine how you can install Loaders on this particular server.

An ionCube encoded file has been loaded **successfully**.
Encoded files should now function correctly.

If you have permission to edit the php.ini configuration file for this server you can increase performance by following the [php.ini installation instructions](#).

If you have a problem with your PHP application, please contact the application provider.

9. You'll also see the warning message in the status section of your plugin disappear.

If you're still having problems just pop over to <http://blogpig.com/support> and we'll get things sorted.