

Z-Pages - Classified Ads Website Generator

Template for Zenno Poster

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Chapter 1

How does template work?

Z-Pages is a template for Zenno Poster and Zenno Box designed to create classifieds websites on your domains or subdomains. Classifieds can be made any, small, medium and large.

The template downloads content from craigslist.org or kijiji.ca, you can choose it. Then it processes the ads content: images, text, contacts, titles, addresses and inserts it into the design template, replacing the corresponding macros with the content. It also inserts your banners, teasers or text links, google and bing maps.

It also takes an additional content, because search engines don't index pure copy-paste, only with an addition of some niche content, unique is not necessary. Bing is added for download the additional content, for a better index and ranking in search engine results. In general, it enters Bing and takes the first 10 results relevant to your ad from there, gets the text if it can be got and it's relevant. Then it goes to Youtube and takes a relevant video, if there is one, and does the same in Google Images, takes a suitable image. If the text is not taken for some reason, then it simply inserts a block of relevant links with nofollow as many as there are, but no more than 5, so that a visitor can read something else on this topic. If there is nothing relevant, then it does not insert anything, because this is a classifieds website, not a doorway.☺ The program also inserts all this content into the template.

Next, it creates a category pages, city pages, and a home page. The nesting of the site pages is as follows: on the home page there are links to the city pages, on the city pages there are links to the category pages, on the category pages there is a list of links to ads that a visitor views and goes to some ad. Category pages are made so that a new content is at the top on a first page, and content that was made earlier comes after it. There is a page slider at the bottom, everything is done automatically, you don't need to think about it. On an ad page there are images with a slider, a visitor can flip through them. The last image is usually an additional image on a white background with contacts from this ad, but sometimes it happens that they are not took and it is not done. It is needed as additional content too. Also title, ad text unchanged, advertising, additional content - thematic video, image, text or links that I wrote about above. Links to site categories in the sidebar, breadcrumbs above the text for ease of navigation, and a date the ad was added.

Ads from craigslist and kijiji are taken only when there are some contacts in the ad text. If there is nothing, then the generator doesn't take this ad. In craigslist, phone and craigslist's email are closed under the button and hcaptcha pops up after a few ads, public socks and proxies don't work for this (but in general you always need to turn on public proxies, I usually add a minimum speed of proxies 100 kb/s, also in ZennoPoster (or ZennoBox), you must enable Proxy – "Use (without deletion)" in task). I figured that private socks or recognition on such volumes is several thousand dollars a month, working from one server. Therefore, I chose this option, it takes about 40-45% of ads sorting out where they are. On kijiji there is a feedback form with a seller, so the same thing, generator gets contacts from text and sidebar. From kijiji it takes about 50-55% of ads. Contacts - this is a phone number, the URL of a seller's website or email. Again, these

boards are making for people, so only with contacts.

All made pages, banners, image and design files are saved to done\domain.com folder (your domain will be here) and constantly uploads via FTP what is done in each task.

Completed tasks are recorded in done.txt, they can be used to add new pages, constantly updating a content.

When the generator is running, for each page made, a line is written to links/all-links.txt file, this is necessary to create and recreate pages of categories, cities and index page. That is to update a content. You cannot delete these files because z-pages will not be able to determine what has already been done for this domain or subdomain. The logic is made in such a way that with an increase in a number of cities and categories, the index page and city pages are generated differently, inside z-pages there are 3 more templates for them, you don't need to bother, the script does everything by itself, determines what has already been done and constantly regenerates everything is as it should be.

Category pages are also made from this .txt file, they are constantly regenerated, each task, if there were a new ads on this niche and city. As a result, the classifieds site gets bigger the more tasks you run. All this is just for information, in order to understand how it works, you don't need to do anything, the generator always knows what to do. You only need to fill in the config once, and then only add tasks to domains.txt file and as much as possible. Well, of course, you first need to set up domains on the hosting. There were a lot of troubles with links, in the end I made it easier that all domains should now be with https, and there is no http in the search results for a long time, you should not do it now without ssl certificate.

Chapter 2

Examples of tasks

The most important thing to know about the generator is that for one task (one line in domains.txt) 1 city is made on 1 category. In this line, all the information that is needed to generate. The line contains 12 values separated with “;” to make it easier to work with tasks in Excel.

For example, you need to make a classifieds for auto parts in San Diego. You need to do a task string:

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html;San Diego, CA;for-sale-auto-parts

domain.com – here is your domain or subdomain

89.105.215.215 – ftp server ip

alex – ftp user

CHjek2398 – ftp password

/domain.com – ftp path to folder where we will upload a classifieds site

Best Auto Parts Site – site name, will be used in design and title of a home page

5 – design template number, they are in the “templates” folder, not en-5, just 5

y – do additional text or not, “y” or “n”, if we set “n”, then links are inserted instead of text

craigslist – write “kijiji” or “craigslist”

html – extension of pages, write html, php or other extensions

San Diego, CA is a city, cities are in the files cities-craigslist.txt when we do craigslist and cities-kijiji.txt when we do kijiji. We take exactly how the cities are written in first column (in both files, first column). It’s convenient to put in Excel and take the entire column or as much as you need. They are exactly the same as in these large classifieds websites, needed to get a content and a lot of things.

for-sale-auto-parts - theme (category, niche), the same as cities, themes-craigslist.txt file for craigslist, themes-kijiji.txt for kijiji, we also always take from a first column. Taken from these big classifieds, needed to get a content and a lot of other things. The first 10 values must always be written, and the last 2, city and theme are optional, if you don’t write them, they are taken randomly.

For example, like this:

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html

When you need a lot of themes and cities, and it doesn’t matter which ones, we just add a lot of such tasks:

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html

Each time 1 random theme will be taken for 1 random city. Or you can write a city, there is no theme, you get a classified ads on many categories in one city, San Diego, if you write many lines like this in domains.txt:

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html;San Diego, CA;

or like this, don't write the city, you will get a thematic classifieds only for auto parts in different cities, of course, you need a lot of these lines:

domain.com;89.105.215.215;alex;CHjek2398;/domain.com;Best Auto Parts Site;5;y;craigslist;html;;for-sale-auto-parts

and you can do many domains and ftps:

domain2.com;109.100.210.21;jack;TTYk40jhgh;/domain2.net;Local Parts Online San Diego;5;y;craigslist;php

domain3.net;109.100.210.22;john;Hhf23ywf;/domain3.net;Classifieds Site;6;n;craigslist;html;Jacksonville, FL;services-computer

domain4.com;109.100.210.23;frank77;l*tfu23dg;/domain4.net;Free Classifieds Ads;7;y;kijiji;php

domain5.com;109.100.210.24;maria1;JHGk3&^*T3;/domain5.net;The Buy And Sell Community;1;n;kijiji;html

domain2.net;109.100.210.21;jack;TTYk40jhgh;/domain2.net;Local Parts Online San Diego;5;y;craigslist;php

domain6.net;109.100.210.22;pedro;Hhf23ywf;/domain6.net;Classifieds Site;6;n;craigslist;html;Flagstaff / Sedona, AZ;housing-parking-storage

domain4.net;109.100.210.23;tony;l*tfu23dg;/domain4.net;Free Classifieds Ads;7;y;kijiji;php;Nelson;buy-sell-textbooks

domain5.net;109.100.210.24;maria;JHGk3&^*T3;/domain5.net;The Buy And Sell Community;1;n;kijiji;html

domain2.biz;109.100.210.21;jack;TTYk40jhgh;/domain2.net;Local Parts Online San Diego;5;y;craigslist;php

domain8.net;109.100.210.22;steve;Hhf23ywf;/domain8.net;Classifieds Site;6;n;craigslist;html

domain4.com;109.100.210.23;tony;l*tfu23dg;/domain4.net;Free Classifieds Ads;7;y;kijiji;php;Winnipeg;buy-sell-toasters-toaster-oven

domain7.com;109.100.210.24;maria;JHGk3&^*T3;/domain7.net;The Buy And Sell Community;1;n;kijiji;html

It's better to write a classifieds site for your domain always the same, don't mix. Because craigslist is for USA and kijiji is for Canada. Eventually, you can make any options of classifieds from small classifieds - 1 city with 1 theme to very large ones, even if there are millions of pages, it's just a matter of resources and time for generation.

Chapter 3

Description of files

`cities-craigslist.txt` - as I wrote above, this is a file with cities from craigslist, you need to take cities from first column for tasks and for work of generator, this file should not contain blank lines and in general it is better not to delete anything, the file should be as it is.

`cities-kijiji.txt` - the same, only these are cities from the canadian kijiji classifieds, we take cities from first column for tasks, without deleting them.

`themes-craigslist.txt` - these are themes from craigslist, you need to take for tasks from first column without deleting anything, all columns are needed for work of generator, just like in the previous files, there shouldn't be empty lines and nothing should be deleted.

`themes-kijiji.txt` - also themes, only kijiji, everything is the same.

`classifieds.txt` – just a file where 2 classifieds are written correctly, they don't participate in the generator, sometimes it's convenient to take for tasks so as not to be mistaken.

`config.txt`:

`max-pages-count=50` - this is the number of pages that the script tries to do each time for 1 task, if there are not so many, then it will do as many as there are. It's better to set from 25 for search engines indexing.

`delete-done=n` – if it is “n”, then after generating and uploading via

FTP, a theme folder is not deleted from city folder, you can set “y” and it will be deleted. Images of this task in “img” folder will also be deleted.

max-images=5 – the maximum number of images on ad page, to save space on hosting, who needs it.

ads-per-page=30 – this is the number of links in list of ads on a category page, where a person views different ads before clicking on one.

banners-per-page=3 – this is how many banners will be inserted between these ads. Banner in sidebar doesn’t count, it is inserted separately.

These lines in config.txt don’t change places, they are taken by line number. I made the config simple, set them up once and don’t go there anymore, all the work goes with domains.txt and done.txt files.

contact.jpg - an empty image to add a contacts to image for ad page, the last one to be inserted after all ad images.

domains.txt - a file with tasks, the main file for work, a detailed description in Chapter 2.

done.txt - string are written here, of the same format as domains.txt, when the task is exactly done and everything is uploaded via FTP. When the city and/or theme is not originally written in domains.txt, they are written here. This file is needed for updating when non-general (thematic) classifieds are generated with a full random of cities and themes, and when you need to update specific themes and cities that have already been done at least once. This is not required, you can simply add any tasks to domains.txt. And you can copy from done.txt to domains.txt as is. Made for flexibility of the generator,

you can make and update any classifieds.

done-urls.txt – urls of ad pages from craigslist and kijiji for each domain are written here, which have already been got and a page has been made so that there are no duplicates urls. Of course, there are often ads on the big classifieds with the same title and content, but they have a different url. Even if the ads are the same, like these big classifieds did, but unlike them, you will always have different additional content.

h-banners-en.txt – here is a html code of all horizontal banners, from here they are taken and inserted into design template when page is generated. More about banners in Chapter 5.

v-banners-en.txt – here is a html code of all vertical banners, from here they are taken and inserted into design template when page is generated. The html code of all banners must be written with single quotes.

log.txt - logs, you can learn something from here, just for info, basic errors.

sitenames.txt - the file is not involved in the generation anywhere, just examples of classifieds names for tasks, you can use these or write your own.

done – each domain has its own folder here, files and directories are copied and created here during generation, then uploaded via FTP.

links – file all-links.txt here, in which all pages made and all necessary information are recorded. It's better not to delete this file, this is necessary so that the template knows what has already been done and how to make pages by city and homepage. And also takes information from here to create category pages with constantly fresh content at the top. You can delete it only if page updates are not

planned or you need to make a complete replacement of the content on the domain. More details in Chapter 1.

templates – directory with design templates, made from public WordPress designs, macros are inserted, you can make your own design templates.

Chapter 4

Pages and macros of design templates

Chapter for those who want to make their own designs, it's not difficult. Each design template has 4 types of pages ads.html, city.html, index.html, page.html, extensions are always html, even if you set php to be generated later in task, html code is simply taken from here to replace macros with content. The folder with images is always img, downloaded ad images are placed here, but you can also put teaser and banners. You can use any name of folder with design files, and this will be copied when created in domain folder. You make these 4 pages with your design and macros, create an img folder and insert macros. It's better to start with page.html, then do ads.html, then city.html and index.html, they are generally the same, difference is only in the paths to the design files, they differ by 1 level ../ and [LINKSINDEX] macro for index.html, instead of [LINKSCITY] for city.html

Template Pages:

index.html - home page, it contains links to city pages.

city.html - page of city, it links to category pages in that city.

ads.html – theme page (category), list of links to ads.

page.html - ad page with images, text, additional content, etc.

Macros:

[SITENAME] — site name, in logo and footer. This is anchor link to the domain, site name from task, for example: “Classifieds Site”

[TITLE] - this is a title for any page and a header for ads.html and page.html

[TITLE2] - this is a header for city.html and index.html

[LINKS] – links to all themes on city.html and links to all cities on home page, which are already made in other tasks, are taken from all-links.txt in “links” folder.

[LINKSINDEX] - links to last 50 ads of this domain, all cities and themes, this is for indexing, it’s also taken from all-links.txt. This macro is for home page only.

[LINKSCITY] - the same thing, only links to last 25 ads of this city, which have already been made, all themes. The macro is for city.html page only.

[BANNERH] – horizontal banner, insert one per page, the second one will not be replaced. More details in Chapter 5.

[BANNERV] - vertical banner, also insert one per page, the second one will not be replaced.

[DOMAIN] - this is a domain from domains.txt with https://

These were general macros, these are only for page.html:

[THEME] – theme, text, for breadcrumbs.

[THEMEURL] – link to theme page for breadcrumbs.

[DATE] – page creation date.

[IMAGES] - all downloaded images and an image with contacts are inserted here, write like this:

```
<ul class="simple-slider">
```

[IMAGES]

```
</ul>
```

```
<script src="../../css/simple-slider.js"></script>
```

To have them with a slider. You also need to copy 2 files from general design templates to your template: simple-slider.css and simple-slider.js. If necessary, adjust a width of arrows in simple-slider.css at the bottom.

[TEXT] - the main text of ad.

[POSTID] - just a random set of numbers is generated.

[IMG] - here is an additional image from google images.

[ADDTTEXT] - additional text from sites from bing search results. If it is not taken, then links from bing are inserted.

[YOUTUBE] – video from youtube.

[MAP] - two google and bing maps are inserted at once.

[ADS] - this is only for the ads.html page, it is replaced in the list of

ads with horizontal banners inserted, their number is configured in config.txt. Number of links too. ads-per-page=30 and banners-per-page=3, for example.

The macro should only be inserted with the code into the ads.html html code:

```
<div id="listingTable"></div>
  <br />

<table class="zpager">
  <tr>
    <td><a href="javascript:prevPage()" id="btn_prev">Prev</a></td>
    <td>Page: <span id="newpage"></span></td>
    <td><a href="javascript:nextPage()" id="btn_next">Next</a></td>
  </tr>
</table>

<script type="text/javascript">
var current_page = 1;
var records_per_page = [ADS-PER-PAGE];

var objJjson = [
  [ADS]
];

function prevPage()
{
  if (current_page > 1) {
    current_page--;
    changePage(current_page);
  }
  scroll(0,0);
}

function nextPage()
{
  if (current_page < numPages()) {
    current_page++;
    changePage(current_page);
  }
  scroll(0,0);
}

function changePage(newpage)
{
  var btn_next = document.getElementById("btn_next");
```

```

var btn_prev = document.getElementById("btn_prev");
var listing_table = document.getElementById("listingTable");
var page_span = document.getElementById("newpage");

// Validate newpage
if (newpage < 1) newpage = 1;
if (newpage > numPages()) newpage = numPages();

listing_table.innerHTML = "";

for (var i = (newpage-1) * records_per_page; i < (newpage * records_per_page)
&& i < objJson.length; i++) {
    listing_table.innerHTML += objJson[i].adName + "<br>";
}
page_span.innerHTML = newpage + " / " + numPages();

if (newpage == 1) {
    btn_prev.style.visibility = "hidden";
} else {
    btn_prev.style.visibility = "visible";
}

if (newpage == numPages()) {
    btn_next.style.visibility = "hidden";
} else {
    btn_next.style.visibility = "visible";
}
}

function numPages()
{
    return Math.ceil(objJson.length / records_per_page);
}

window.onload = function() {
    changePage(1);
};
</script>

```

During the generation process, if something is not taken, there is nothing relevant, for example, a YouTube video, then the macro is simply deleted. If there are no images in ads, then an image with contacts is made, if there are none, then a slider code is deleted.

You also need to take the styles from any style.css in the general design templates, at the bottom of the file, starting with table.zpager, take all styles into your style.css and customize it in your design, usually only correct a colors there, maybe something. Put jquery.js and jquery-migrate.js in desing folder. Else add string `<link rel="stylesheet" href="../../yourfolder/simple-slider.css">` before `</head>` in page.html

Chapter 5

Advertising on classifieds





As I wrote in other chapters, html code of banners must be placed in two files, h-banners-en.txt - horizontal banners and v-banners-en.txt - vertical ones. Just a picture with a link, as usual, with single quotes, because in the ads page, horizontal banners are inserted inside javascript ads and will not work with double ones. Like this:

```
<a href='https://domain.com'><img src='../img/banner-1.jpg' /></a>  
<a href='https://domain.com'><img src='../img/banner-2.jpg' /></a>  
<a href='https://domain.com'><img src='../img/banner-3.jpg' /></a>
```





The generator takes a random string, there should not be empty lines. You can insert as many banners as you like. Although teasers are better than banners, they are much more clickable. I think that the best monetization for classified ads is a goods with delivery, I have seen it on many large sites, including such classifieds.

Kijiji also monetizes this way:






Explore new items

			
KATE SPADE Purse. Mauve and Brown Fabric.	Reusable Bags	Suitcases, Dress Bags, And More	Luggage
Sponsored	Sponsored	Sponsored	Sponsored

Explore new items

			
Hyperice Normatec 2.0 Pro Leg Recovery System - Bla...	NordicTrack RW600 Rowing Machine - 30-Day iFit...	Stamina Products In Motion Rower	Incline Mats - 3 x 6 - Basse densité - Bleu
\$1,299.99	\$1,399.99	\$198	\$412.95
Sponsored	Sponsored	Sponsored	Sponsored

Something like this, I did it for example:

<u>Wardrobe Closet Cube</u>	<u>ACME Venacha Bed</u>	<u>Espresso 38185 a29</u>	<u>Twin Over Twin Bed</u>	<u>Luxury King Size Bed</u>
				
\$284.45 Free Shipping	\$305.31 Free Shipping	\$1224.18 Shipping: \$614.58	\$762.20 Free Shipping	\$544.27 Shipping: \$614.58

I put 1 vertical and 1 horizontal banner on all pages, if you need more, you can insert it directly into the design anywhere, on any page. Or insert html lines consisting of the code of two or more banners into h-banners-en.txt or v-banners-en.txt files. If you insert a second, etc.

macro, it will not replace the banners. Technically, everything is not simple there, I decided that this option is simpler and more reliable. For category (ads) pages, you can set up any number of banners in the config, for example, ads-per-page=100, and banners-per-page=10. Generator takes lines from h-banners-en.txt file at random and inserts them evenly into ads list, not only on a first page, but on all pages when they are. It depends on niche and city, somewhere there are a lot of ads, for example, cars in Chicago, but somewhere there are few, and if there are none at all, then it doesn't, exit without error and the next task.

Chapter 6

Quick Start

I wrote a lot of letters, I wanted to make a manual that has everything, but you don't need to read all pages to get started. It is enough to learn how to collect tasks in Excel in Chapter 2, add them to domains.txt, check proxies in Zenno Poster and run this template. Set up threads, one domain can also be generated in many threads. It's better to add a lot of tasks at once, because somewhere there are few ads, somewhere a proxy didn't work, etc. I also advise you to enable checkbox Execution -> Save Files Safely in Settings of ZennoPoster or ZennoBox. So that lists and files do not break during sudden server overloads.

Now sitemap is split into several files of 50,000 URLs at the root of domain, if necessary: sitemap-1.txt, sitemap-2.txt etc. An index sitemap file is also created, where urls of these sitemaps are registered, robots.txt with tag “Sitemap: URL” is also generated. You can add sitemap_index.xml to Google Search Console and Bing Webmaster Tools (Yahoo, Bing).

According to the load, on a vds 5 vCores, 8 Gb it works in 15 threads, disk doesn't load much, about 15%, it makes sense to take a server, it will generate many times more pages.