

Thank you for your purchase.

Unzip and let's begin!

A lot of time and effort has gone into making our clickable maps, so we wanted web developers and website owners to have a real good value package with more than they ever needed and a lot of options when it comes to integrating such maps into a web page.

Admittedly image maps made with coordinates will be at a fixed size and won't be as flexible size wise as our counterpart Flash based maps but our html based maps combined with the excellent MapHighlight JQuery plugin by David Lynch are very popular with developers and look great in Wordpress blogs and Joomla too.

We hope you enjoy them.

When you open the zip you will be able to see the file directory and actually browse it from the index.html file on your computer (apart from the php). Browse it on your webserver and your localhost too.

How to install your clickable map

There are three options to look at when installing our clickable maps.

HTML based – basically cut and paste the full 'html' code into your page and making sure you reference the javascript files in the header and the associated images as well.

SCRIPT based- all coordinates are set as an easy to edit external javascript file.

JOOMLA based – by uploading the 'js' folder, referencing the javascript files and using a third party plugin to reference the php file where the html code is stored. Will almost always solve the problem where the default WYSIWYG editor strips away the image map 'area' tags that are essential for a clickable map to work

#1 HTML – Just a very normal way with typical html code and you have to edit each <area> tag because each area tag has a bunch of coordinates that will be the clickable county or state on your map. Therefore the first editing you'll want to do is set the output 'url' for each clickable area or 'hotspot'. Every webmaster knows that will be the href="#" part of the code. So if you want that hotspot to click through to one of your website pages you'll enter your relevant webpage address or your full path address.

Example – href="norton.html" or href="http://www.your-domain.com/norton.html"

When you have edited the main code that you'll need ..

between the <!--START MAP CODE--> <!--EOF START MAP CODE--> Copy and paste the MAP CODE into your HTML source code or source mode if you are adding your map into a wordpress/blog page or post

Next you'll need to copy and paste the code in between the <head></head> specifically <!--Header Code--> <!--EOF Header Code-->. This will reference the important javascripts and functions including the css style reference for the ToolTip. This code needs to be placed in your header file ...for a wordpress blog it will be a header.php file when you edit the theme appearance (wp-content/themes/your-theme/header.php)

Best to place the code just above the </head> tag.

That should be the code taken care of now you'll need to upload the images. You should be able to reference the image in the MAP CODE and upload via your usual FTP way. For wordpress users I recommend just uploading the 'js' folder and referencing the image to wherever you have uploaded it ...including the tooltip background image (bg.gif)

That should be about installed and working if you have followed those three procedures but if you have a problem...once again check the reference paths to the scripts and images.

Example Vermont Counties

#2 SCRIPT – The main code here is the 'js/**vermont/vermont.js** and the way to edit the output URLs is a little different than the previous HTML option.

Each set of coordinates is on a separate line that starts with (A

Here is a short example of what to expect...

```
A("norton", "312,29,.....313,29,314", "Norton", "{linked:1}");
```

```
A("norton", "312,29,313,29,314", "Norton", "{linked:1}");
```

...that's the where the output url will be

```
A("norton", "312,29,313,29,314", "Norton", "{linked:1}");
```

...that's the 'Title or Alt' tag

```
A("norton", "312,29,313,29,314", "Norton", "{linked:1}");
```

...that's where any class will be for special functions linked to that 'hotspot'

The actual function that needs all this information is in the <head></head> tags

Let's take a look at part of that.

```
document.write('HREF="http://www.clickablemaps.com/' + URL + '.html" '); /*This line where you configure the output URL, put your domain name address here */
document.writeln('COORDS="" + COORDS + "" title="" + ALT + "" class="" + LINK + "">')
```

as you can see there's a pattern URL,COORDS,TITLE,CLASS. Now you can edit the file with all your state/county information per line.

The advantage with the external javascript file is that it can be referenced by just one line in your webpage).

`<script style="text/javascript" src="js/vermont/vermont.js"></script>` (in the body) as demonstrated in the `index_script.html` file in the root of our zip files.

Just like any web page editing you'll need the code between the `<head></head>` for referencing the javascript files, the external javascript reference in the body/content and upload the images with the correct reference paths and your done.

#3 JOOMLA - Because of editor restrictions in Joomla, it is very difficult to include an image map in a Joomla page. (See `index_joomla.php`)

My solution:

1. add this code to your "themes template" `index.php` within the `<head></head>` tags: (just above the `</head>` tag)

```
<script type="text/javascript" src="<?php echo $this->baseurl ?>/js/jquery-1.2.3.pack.js"></script>
<script type="text/javascript" src="<?php echo $this->baseurl ?>/js/jquery.metadata.min.js"></script>
<script type="text/javascript" src="<?php echo $this->baseurl ?>/js/jquery.maphilight.js"></script>
<script type="text/javascript" src="<?php echo $this->baseurl ?>/js/easyTooltip.js"></script>
```

```
<script>
    $(function() {
        $('map').maphilight({fade: false}); /*set true for fading hover effect*/
        $('map > area').easyTooltip();
    });
</script>
```

```
<style type="text/css">
<!--
#easyTooltip{
    padding:5px 10px;
    border:1px solid #195fa4;
    background:#195fa4 url(<?php echo $this->baseurl ?>/js/vermont/bg.gif) repeat-x;
    color:#fff;
}
-->
</style>
```

That will reference the important javascript files and tooltip css style code in the `<head></head>` tags. Next upload the whole 'js' folder

FTP (file transfer) To the root of your Joomla website. The 'js' folder contains all the scripts and the images needed.

Don't forget to read my Joomla tips at <http://www.clickablemaps.com/how-to-add-your-clickable-map-into-joomla/>

Once that is done...

Go to <http://www.kksou.com/php-gtk2/Joomla/DirectPHP-plugin.php> and pick up this excellent plugin

In your Joomla Admin

Go to Extensions>Install

Go to Extensions>Plugin Manager and Enable (the red cross must turn to a green arrow)

Save and close

Go to the page you wish to add the clickable map and in the Editor (not source code!)

Add the tag:

```
<?php include ('js/vermont/vermont.php');?>
```

Exactly where you want your map to appear

Save and Close

Thats IT! Go Preview

Example:

<http://www.clickablemaps.com/joomla/>

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## **Overview of the 'js' javascript folder**

*(js) contains the bundled complimentary jquery scripts*

*(i) jquery-1.2.3.pack.js - THESE FILES FOR THE MapHiLight JQuery Plugin by David Lynch*

*(ii) jquery.maphilight.js*

*(iii) jquery.maphilight.min.js*

*(iv) jquery.metadata.min.js*

*Read more at <http://davidlynch.org/js/maphilight/docs/>*

*(v) easyTooltip.js*

*Read more at <http://cssglobe.com/post/4380/easy-tooltip--jquery-plugin>*

*The only file you may want to edit is the jquery.maphilight.js*

*Here you can edit the values to change the hover over effect at line 362.*

---

*Current settings are listed below.*

---

```
fill: true,  
fillColor: '000000',  
fillOpacity: 0.2,  
stroke: true,  
strokeColor: 'ff0000',  
strokeOpacity: 1,  
strokeWidth: 1,  
fade: true,  
alwaysOn: false
```

*These values can be used with class references in the MAP CODE in many ways...for example:*

*class="{fillColor: 'ff0000'}" will isolate the MapHighlight function for that 'hotspot' and the color will be red. Now you can edit each and every 'clickable state/county' with a different color or set of colors because when you combine 2 functions like class="{linked: 1,fillColor: 'ff0000'}" each hotspot you link as '1' could all be 'red' on mouseover.*

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IMPORTANT:

When using the Tool Tip function, also make sure you reference the image background.

In my example ..the (bg.gif)

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**FINALLY there is the editable PhotoShop File (.psd)**

**You have the option of designing your own image**

**or pass it to your designer**

*For the **Vermont Map** the sizes are 600px x 654px*

*The default image file has all the essential layers*

*\* Main Country Outline*

*\* Counties Borders*

*\* Background Layer*

*All you need to quickly create your own design*

*However the demo image file has more layer examples including colored areas and drop shadows which would have produced the final png. images in the zip file*

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*A quick guide for designing your own map image using the PSD layered master image.*

*Make a duplicate copy*

*To color a state region*

- \* select state region layer*
- \* select inside the area with magic wand*
- \* create a new layer and deselect the state region layer*
- \* name and color the new layer with the bucket tool*
- \* repeat process for all states*

*add some drop shadow*

- \* use magic wand to highlight the outside of the main outline*
- \* create a new layer*
- \* deselects 'main outline' layer*
- \* set your drop shadow settings*
- \* add the drop shadow for its own layer and deselect*

*state borders*

- \* enable state borders and move the layers above the respective new color layers*
- \* Fade down - use Transparency*
- \* Make white - use Negative Image*

*DO NOT RESIZE OR CROP IMAGE!*

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Help can be found at <http://www.clickablemaps.com>

or by emailing [Gordon webmaster@clickablemaps.com](mailto:Gordon.webmaster@clickablemaps.com)

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