



Thank you for purchasing my work.
Please read further for easy deployment.

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Note: If you have any doubts even after reading the document please email.

Introduction

The maps that we usually embed into our project already have a lot of markings and legends in it. So when you add your own location pointers there are cases where they merge with the layout and go unnoticed. So just having a very distinct color does not solve this problem so we **animate** them to make them more visible.

By animating the pointers you get two main advantages:

1. They are noticed immediately.
2. The viewer will perform an action to know what the locators mean.

You can use this script even to show multiple locations (e.g. showing branch locations and its address). The location pointers are designed using CSS3. Browser compatibility of animation is available from IE7+ to all major browsers. The location pointers are totally customizable with colors. On hover they give you more details like the address of the location with a thumbnail pic. On hover the location pointer also changes color to easily distinct it from other pointers.

There are TWO OPTIONS provided when you buy it.

1. One solution shows the additional details like address on hover over the location pointers.
2. The second solution gives a provision to list all the addresses below the map and link the location pointers to them. This solution can be used when you have a lot of location pointers in a constricted place.

A PSD file is also included which has the layout design of this solution.

This '**Animated Locators on Map**' will sure give you an edge when you want to embed a map and point locations to your project. It will grab attention and bring more visitors to your premises.

PLAY DEMO: <http://www.screenr.com/ckh7>

Location of files

The zip file has the following files and folders. Their structure and description is given below.

1. HTML (folder)

a. **pop-up-locator** (folder - *contains the files for option ONE explained above.*)

- i. index.html
- ii. js (folder – contains all the js files)
- iii. images (folder – contains all the images)
- iv. css (folder – contains one stylesheet)

b. **highlight-the-address** (folder - *contains the files for option TWO explained above.*)

- i. index.html
- ii. js (folder – contains all the js files)
- iii. images (folder – contains all the images)
- iv. css (folder – contains one stylesheet)

2. PSD folder

This contains one PSD file that has the design of the layout. All the layers are properly named grouped for easy use.

3. Readme - Animated Locators on the Map.pdf

(This is the file that you are reading)

Explaining the HTML Structure:

Structure of OPTION ONE of the solution (pop-up-locator)

Because you can have multiple maps in the same page I have used a class instead of an ID. You can find a div with class **'locate'**. This div contains the map and the location pointers inside it. The map is positioned **'relative'** using CSS.

The map is written using a simple **** tag and all the pointers are given with an **<a>** anchor tag. All the anchor tags are positioned **'absolute'** to the 'locate' div. This way we can use **'left'** and **'top'** values to position the location pointers initially.

Inside each location pointer there is a **** tag to give the numbering of the pointers. Instead of numbers you can have any other value. After the **** tag there is a **** tag with class **'locate-details'**. This contains all the address details and a small thumbnail image of the location.

Structure of OPTION TWO of the solution (highlight-the-address)

All the structure said above remains same for this solution too except the following changes:

Each anchor tag which acts as the location pointer does not have the span with class **'locate-details'** inside it. Instead all the address details are listed below in another div with class **'address-details'**.

Each address detail is enclosed inside a **<section>** tag with a unique **ID**. The value of this ID is used as **'href'** attribute for the anchor tags (which is the location pointers). This way when any location pointer is clicked using the unique ID in their 'href' value, their respective address details can be highlighted.

How to use?

1. HTML

In both of the OPTIONS copy all the HTML code between the following comment lines.

```
<!--*****  
***** COPY FROM HERE ***** -->
```

Copy everything from here into your project.

```
<!--*****  
***** UNTIL HERE ***** -->
```

IMPORTANT

Each location pointer initially needs to be hardcoded with the 'left' and 'top' absolute values. This value will depend on where you want the location pointers to be placed.

Example below:

```
<a class="" href="#" style="left: 580px; top:195px;"></a>
```

The jQuery script in the custom.js file then generate random numbers and adds that to the left and top value so that they start shaking in their own place. This is how all the location pointers aka the anchor tag shake in their own place.

Note: The pointers will start animating if you add the custom.js before setting the values. So include the jQuery file after you set these initial values.

2. CSS

The CSS file has the style properties for the entire document. This might differ when you use it into your project. In both the solutions the CSS required to make this script worked is enclosed inside the following comment line.

```
/*==== MAP Section ====*/  
customize any changes you want here or copy all the code to your project.  
/*==== MAP Section ====*/
```

3.jQuery

You need not change anything in the jQuery file located inside the 'js' folder.

Note: If you would like to change the class of the div which contains the map and the location pointers from 'locate' to 'somethingElse' then make sure you change it into the '**custom.js**' file too.

Look out for `$container = $('.locate');` and change to `$container = $('. somethingElse');`

That's all the changes that you have to do.

4.Browser compatibility

This script is supported in all Major browsers. So the animation plays well in the IE7+ and all major browsers. The small arrow below location pointers is designed using :after and :before pseudo code. This is not supported in IE7 so it does not render this arrow. Rest all works perfectly fine.

References

All the thumbnail images used are from Wikipedia. They are given with creative common license from Wikipedia.

HTML5 Shiv script is used in this solution to make HTML5 elements like <section> tag work in IE8 and below.

Conclusion

Hope this document helps you understand the entire working of this script. Kindly do mail me at jcrp@lightyearmagic.com if you need any more clarification. Feel free to ping me.

Thank you once again for buying this solution. Happy customizing!