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Versions: [1.5] [2.0] ©lifeinthegrid.com

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Maplt[®]

Setting Up STEP 1. Copy required files to your web server.

STEP 2. Create/Edit file for displaying MapIt • Insert the following code into your <head> tag. Be sure all paths are correct.

• jquery.mapit.css • jquery.mapit.min.js • jquery.mapit.xml

• A list of all jQuery themes can be found here.

• Red values are interchangeable. <link rel="stylesheet"</pre>

href="http://ajax.googleapis.com/ajax/libs/jqueryui/1.8.12/themes/cupertino/jquery-ui.css" id="mapitcss" type="text/css"/>

<link rel="stylesheet" href="jquery.mapit.css" type="text/css" /> <script type="text/javascript"</pre> src="http://ajax.googleapis.com/ajax/libs/jquery/1.5.2/jquery.min.js"></script>

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.8.12/jquery-</pre> ui.min.js"></script>

<script type="text/javascript" src="http://maps.google.com/maps/api/js?sensor=true"></script> <script type="text/javascript" src="jquery.mapit.min.js" id="mapit-source" ></script> • Insert the following code after your <body> tag Be sure to point to the correct xml file, if your file is named "jquery.mapit.xml" then you will not need the xmlConfig param. <div id="map"></div> <script type="text/javascript"> jQuery(document).ready(function () {

jQuery("#map").mapit({ xmlConfig: "mapit.xml", cacheXml: false }); }); </script>

STEP 3. Configure your XML file with the correct data Anytime you are setting up and configuring MapIt, keep the cacheXmI parameter false. This is important otherwise your data will not show correctly. Set this value to true once you have completed your set up. Open the XML configuration file and enter in the correct coordinates. Note: If you're dynamically generating the XML file then you can point the xmlConfig value at any extension such as: http://mysite/path/dynamic.aspx | php | jsp | etc...The output of any of these dynamic pages must be valid MapIt XML file. Index 🕯

Professional Version: Values in **green** are only available with the pro version. Required Values: Elements that are marked as required (*) must be filled in. If these values are missing the

bool

bool

bool

bool

bool

bool

bool

true

false

true

false

false

true

true

true

tem plates

XML Configuration File

required data type the plug-in will cease to work properly. Please validate that all required attributes have the correct data.

These values pertain to the mapit.xml file. This is the main file and drive the layout and content of the map it plug-in.

<map> children: templates, category Attribute Type | Default | Overview

pany when set to true

accordion-animation Does the left navigation accordion menu animate when you toggle categories bool true Automatically selects the first location in the category when a category section is accordion-autoselect bool false

Shows the sublinks for a given location if any are present

When the map first loads no bubble with show

province and code of a selected category

Centers the location bubble in the center of the map. This will override panx and

Shows the coordiantes in the bubble view. Not applied on custom templates

Shows the details bottom pane. Which lists the location name, address, city,

Enable the location/markericon instead of a number. If the location/markericon

is empty then it will use the red ballon default markericon Not applied on custom

Enables the sub link element to be shown under each location link

Includes the coordinates in the query string of the directions

coordinatesindirections

details-show

bubble-

accordion-

showsublinks

bubble-center

bubble-showatstart

showcoordinates bubble-showsublinks

details-showicon bool

details-Enable the the coordinates to show in the details view Not applied on custom false bool showcoordinates markers-icon The file path to an image that will represent all marker location items path null markers-limitdisplay false Shows only the markers of the current category bool maptype enum terrain Can be any of the following terrain, roadmap, satellite, hybrid Changes the center of the map by the given distance in pixels (+/-). If the distance is less than both the width and height of the map, the transition will be panx & pany int 0 smoothly animated. Note that the map coordinate system increases from west to east (for x values) and north to south (for y values) default is 0. search-show bool true If true the search box will be displayed above the accordion menu The default text to show in the search box search-text string empty These are the coordinates that the grid loads by default example (33.471545,empty startupcordinates * float 111.956177) title string MapIt The heading title above the map. If left blank then the title bar will not show The current zoom level of the map. The category zoomlevel will override the zoomlevel 10 int maps zoomlevel and locations will override the category. Gathering Coordinates: You can easily find the coordinates (latitude, longitude) of any address by right clicking on any point of a Google map. At the bottom of the context menu you will see an option that says "What's here?". Select this option and the latitude and longitude coordinates will show up in the search box. You can then paste this value into the XML coordinates attribute. If you would like to batch process all your addresses, this can also be done by going to stevemorse.org or onemarco.com for batch processing addresses. Just follow the instructions on each page to generate your coordinates. There are also commercial grade applications that can do this for you for large data sets see MapLarge for more details. Hiding Bubbles: A bubble is displayed when the map first loads unless the attribute @bubble-showatstart is set to false. In order to keep bubbles hidden until a location link is clicked the attribute @accordion-autoselect should also be set to false. <templates> children: template A mapit datasource can have one templates tag and the templates tag can have any number of template tags. The template tag must be nested inside the templates tag and only one templates tag is needed per mapit.xml file. The concept of templates is that they are reusable so in order to keep your datasource footprint light its important to structure your

templates so that your layouts are consistent across every bubble area. The templates are used to populate both the tabs

bubble-templateid and details-templateid.

Tabs are placed inside a template and allow you to separate your content into different sections for each location. You can create as many tab nodes within a tabs set that you want. Tabs will wrap around if there are more than the current bubble

A unique id for the template. This is used in conjunction with location attributes

string empty The name to appear on the tab label. name Tab Markup: The data within a Tab node can be any type of HTML markup. The tab also has additional markup logic that allows you to take any attribute (static or custom) from the location tag and embed it inside the tab content. To include the special markup use double curly braces around each attribute. For example if you wanted to display the

name and address of the current location then you would embed inside the tab tag the following data.

<category>

children: location

Attribute

isdefault

name

markericon

zoomlevel

<location>

children: links, info

Attribute

address

name

province

zoomlevel

Name: {{name}} Address: {{address}}

For a full rundown see the demo examples.

bool

path

string

int

Туре

string

inside a bubble and the details item view.

Type Default Overview

empty

Type Default Overview

Type | Default | Overview

false

null

empty

10

empty

empty

empty

10

as you want. Custom attributes can also be used to generate urls for links.

string

string

int

mycustomname="Some custom Text"

keep the name of the configuration file "jquery.mapit.xml".

path

bool

Attribute

xmlConfig *

cacheXml

accordionAnimation

accordionAutoSelect

allowClustering

bubbleCenter

bubbleShowAtStart

bubbleShowCoordinates

coordinatesInDirections

bubbleShowSubLinks

accordionShowSubLinks

Type Detault Overview

true

true

false

true

true

false

true

false

false

true

category.

Detault Overview

string

<template>

children: tabs

Attribute

<tabs> children: tab

width can fill. <tab>

children: none

Attribute

id

The id of the template to use for the bubble window popup. If no id is given the bubble-templateid string empty internal default template will be used The id of the template to use for the details item view. If no id is given the empty details-templateid string internal default template will be used

Auto selects this category on load.

Any icon you want to use to represent a given location point within this

category. This will override map/markericon but not location/markericon

zoomlevel will override the maps zoomlevel and locations will override the

How close or far the map appears when the category is selected. The higher the number the less area the map will cover within the map container. The category

This can be the state or in some countries a province (the attribute 'state' can

How close or far the map appears when the location is selected. The higher the number the less area the map will cover within the map container. The category

zoomlevel will override the maps zoomlevel and locations will override the

The header name you want to display for each category

The id of the template to use for the bubble window popup. If no id is given the bubble-templateid string empty internal default template will be used city string The city of the location empty This can be the mailing code or in some countries know as a zip code (the zip string empty attribute 'code' can also be used instead of zip) coordinates * The latitude and longitude coordinates of the location float empty The id of the template to use for the details item view. If no id is given the empty details-templateid string internal default template will be used Any icon you want to use to represent a given point. This will override the map markericon path null and category markericon attributes

Any given name you want of the location

also be used instead of province)

Dynamic Attributes: The location tag supports dyanmic attributes for tag markup. This means that any custom attribute can be added to the location tag, for example if you add the following to a location tag then you can reuse it

This will output the value "Some custom Text" when the template renders. You can add as many custom attributes

The address or street marker of the location

Centering Bubbles: The bubble is the pop-up that shows above a location marker when it's active. The bubblecenter attribute only takes place after the map has been loaded. If you want to center a bubble item at load time use the panx and pany attributes.

in a template.

Declare attribute: <location ...

Resuse attribute: <template>

</template>

{{mycustomname}}

ks> children: link A location can have sublinks associated with it. These links will show up directly below the active location. These links are all optional. link> children: none Default **Attribute** Type Overview name string empty The name of the link to display url The location of the URL url empty Where the url will open, options are "_blank,_top" target string _blank cssclass string empty An optional css class for formating the link <info> children: none The info tag is used to store general content associated with the location. Place any type of markup you want inside the info tag and then refernce it in a <template> or <tag> element via the tag markup {{info}}} <u>Index</u> 😭 **Mapit Parameters**

All of the MapIt parameters are optional. The xmlConfig parameter however will most likely be needed unless you plan to

Default: "jquery.mapit.xml"

see map@accordion-animation above

see map@accordion-autoselect above

see map@bubble-center above

see map@bubble-showatstart above

see map@bubble-showsublinks above

see map@coordinatesindirections above

see map@bubble-showcoordinates above

see map@accordion-showsublinks above

<script src="http://google-maps-utility-library-</pre>

The URL to the MapIt XML configuration file. This can be an absolute or relative path.

v3.googlecode.com/svn/trunk/markerclusterer/src/markerclusterer_compiled.js"></script>

Examples: "../../mapitconfig.xml" or "http://mysite/path/mapitconfig.xml"

If set to false, it will force requested pages not to be cached by the browser

Enables the clustering library. The following library must be included:

mapitpanx mapitpany

simple steps:

Programming Hooks There are many of paid services that do geo location that involve having a database of zip codes and coordinates that are updated via a service call. MapIt does implement a way to override the search functionality; this will allow you to hook up to whatever database you want for searching. Please note this is still experimental in version 2.0. jQuery("#map").mapit({ searchFunc: function (searchText, location, category) { var isMatch = false; // do something to check the location.get_cords() against the database if (checkTheDbFunc(location.get_cords()) == true) { isMatch = true; } return isMatch; });

black-tie: Google | Microsoft

cupertino: Google | Microsoft

dot-luv: Google | Microsoft

eggplant: Google | Microsoft

dark-hive: Google | Microsoft

blitzer: Google | Microsoft

hot-sneaks: Google | Microsoft humanity: Google | Microsoft mint-choc: Google | Microsoft overcast: Google | Microsoft pepper-grinder: Google | Microsoft redmond: Google | Microsoft excite-bike: Google | Microsoft smoothness: Google | Microsoft

- Simply setup your MapIt in your programming language of choice or just a plain html file will do. - Post the following code into a WordPress post or page

2. In order to integrate the plugin into WordPress follow these steps. Example: \$YourWordPressRootPath\wp-content\themes\twentyeleven\

<iframe src="http://your-path" border="0" height="800" width="100%" frameBorder="0" scrolling="yes"> 1. Right-click "Save As" this template file mapit.txt to your current themes folder. 2. Open the renamed file 'mapit.php' and edit the iframe attributes to fit your sites layout and MapIt location and Index 😭

start: Google | Microsoft

sunny: Google | Microsoft

vader: Google | Microsoft

swanky-purse: Google | Microsoft

trontastic: Google | Microsoft

ui-darkness: Google | Microsoft

ui-lightness: Google | Microsoft

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see map@details-show above detailsShow bool true detailsShowIcon bool see map@details-showicon above true detailsShowCoordinates bool false see map@details-showcoordinates above markerIcon path null see map@markers-icon above markersLimitDisplay bool false see map@markers-limitdisplay above gridSize = Number The grid size of a cluster in pixel. Each cluster will be a square. The maxZoom = Number The max zoom level monitored by a marker cluster. If not given, the object markerClustererOptions null marker cluster assumes the maximum map zoom level. When maxZoom is reached or exceeded all markers will be shown without cluster. Example: markerClustererOptions: { gridSize: 10 } panx & pany int 0 see map@panx & pany above searchShow bool true see map@search-show above searchText string empty see map@search-text above startCoordinates* float empty see map@startupcordinates above title string MapIt see map@title above zoomlevel int 10 see map@zoomlevel above XML Cache: During your testing phase it's very important that you set cacheXML to false, otherwise some changes to your xml configuration file will not be updated correctly upon each page refresh. Query Strings: The following query strings can be passed to MapIt Attribute Type Default Overview mapitloc string The default location to display by name example: ?mapitloc=sunset boulevard null mapitzoom int 10 The zoom level example: ?mapitzoom=5 0 Number to pan horizontally example: ?mapitpanx=25 int 0 Number to pan vertically example: ?mapitpany=-15

Index 😭 Styling MapIt Because some of the jQuery default themes may not fit your site right out of the box, you can easily and much more rapidly create your own theme using the ThemeRoller Tool found on the jQuery website. To create your own theme follow these 1. Browse to the ThemeRoller Tool 2. On the right-hand side begin to create your theme, you will see your progress as you modify values. 3. When you're done click the "Download Theme" link then the "Download" button be sure the drop-down says "Custom Theme" 4. Inside the zip archive you just downloaded, you will see a custom theme folder with a CSS file named something like jquery-ui-1.8.13.custom.css 5. Include this custom theme is a css link tag in the pages where you plan to use MapIt MapIt also comes with its own stylesheet mapit.css which is used to lay out the basic elements of the plug-in. You can edit the stylesheet to your liking. Because there are so many different permutations on how users like to lay things out. We have left most of the styling up to the users of the plug-in. The easiest way to style or change an element is to use one of the DOM inspectors to find out which element maps to a specific style. **Common Distribution Networks (CDN)** If you want to link to one of the CDN's you can do so by looking at the following URLs: // Google http://ajax.googleapis.com/ajax/libs/jqueryui/[UI.VERSION]/themes/[THEME-NAME]/jquery-ui.css // Microsoft http://ajax.aspnetcdn.com/ajax/jquery.ui/[UI.VERSION]/themes/[THEME-NAME]/jquery-ui.css Here is a list of the most common themes via CDN. base: Google | Microsoft south-street: Google | Microsoft flick: Google | Microsoft

Below are two different approaches to getting MapIt into your WordPress. 1. Embed directly into a Post or Page.

3. In your WordPress admin add a new page and give it any title you want. Then copy or write down the permalink. 4. In the 'Page Attributes' section select the Template drop-down box and choose 'MapIt-Plugin' 5. Publish your Plugin and browse to the permalink Note: We will be working for a WordPress plugin in the future.

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Integration WORDPRESS </iframe>

· Rename the file to mapit.php save.