

GoogleMapAPI

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GoogleMapAPI

Packages:

GoogleMapAPI

Files:

GoogleMap.php

Classes:

GoogleMapAPI

Class: GoogleMapAPI

Source Location: /GoogleMap.php

Class GoogleMapAPI

Class Overview

Class Overview | Property Summary | Properties Detail | Method Summary | Methods Detail

PHP Google Maps API class

Located in /GoogleMap.php [line 58]

Author(s):

Information Tags:

Version: 3.0beta ■

Properties

- \$ads_channel
- \$ads_manager
- \$ads_max
- \$ads_pub_id
- \$app_id
- \$avoid_highways
- \$avoid tollways
- \$biking directions
- \$biking_overlay
- \$bounds_fudge
- \$browser_alert
- \$center_lat
- \$center lon
- \$control_size
- \$default_icon
- \$default icon shadow
- \$directions
- \$directions_unit_system
- \$display_map
- \$driving dir text
- \$dsn
- \$elevation directions
- \$elevation_markers
- \$height
- \$info window
- \$is alert
- \$local_search
- \$local search ads
- \$lookup_server

Methods

- GoogleMapAPI
- addDirections
- addIcon
- addKMLOverlay
- addMarkerByAddress
- addMarkerByCoords
- addMarkerOpener
- addOverlay
- addPolyLineByAddress
- addPolvlineBvAddressArrav
- addPolyLineByCoords
- addPolylineByCoordsArray
- addPolylineElevation
- adjustCenterCoords
- attachStreetViewContainer
- createMarkerIcon
- disableAds
- disableAvoidHighways
- disableAvoidTolls
- disableBikingDirections
- disableBikingOverlay
- disableClustering
- disableDirections
- disableElevationDirections
- disableElevationMarker
- disableInfoWindow
- disableLocalSearch
- disableLocalSearchAds
- disableMapControls

- \$lookup_service
- \$map_controls
- \$map id
- \$map_type
- \$marker clusterer
- \$marker clusterer location disableSidebar
- \$marker clusterer_options
- \$mobile
- \$onload
- \$overview_control
- \$scale control
- \$scrollwheel
- \$sidebar
- \$sidebar id
- \$street view controls
- \$street_view_dom_id
- \$traffic overlay
- \$type controls
- \$type_controls_style
- \$use suggest
- \$walking directions
- \$width
- \$window_trigger
- \$zoom
- \$zoom_encompass
- \$ db cache table
- \$ directions
- \$ directions header
- \$ display is functions
- \$_elevation_polylines
- \$ icons
- \$ kml overlays
- \$ markers
- \$_marker_icons
- \$ max lat
- \$_max_lon
- \$_minify_js
- \$ min lat
- \$ min lon
- \$ overlays
- \$ polylines
- \$ version

- disableMapDisplay
- disableOnLoad
- disableOverviewControl
- disableScaleControl
- disableScrollWheel
- disableStreetViewControls
- disableTrafficOverlay
- disableTypeControls
- disableWalkingDirections
- disableZoomEncompass
- enableAds
- enableAvoidHighways
- enableAvoidTolls
- enableBikingDirections
- enableBikingOverlay
- enableClustering
- enableDirections
- enableElevationDirections
- enableElevationMarker
- enableInfoWindow
- enableLocalSearch
- enableLocalSearchAds
- enableMapControls
- enableMapDisplay
- enableOnLoad
- enableOverviewControl
- enableScaleControl
- enableSidebar
- enableStreetViewControls
- enableTrafficOverlay
- enableTypeControls
- enableWalkingDirections
- enableZoomEncompass
- fetchURL
- geoGetCoords
- geoGetCoordsFull
- geoGetDistance
- getAddDirectionsJS
- getAddMarkersJS
- getAddOverlavJS
- getCache
- getCreateMarkerJS
- getCreateOverlayJS
- getElevationMarkerJS
- getGeocode
- getHeaderJS
- getIconKey
- getMap
- getMapFunctions
- getMapJS
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- getPlotElevationJS
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- getSidebar
- getUtilityFunctions
- printHeaderJS
- printMap
- printMapJS
- printOnLoad
- printOnLoadFunction
- printSidebar
- putCache
- setBoundsFudge
- setBrowserAlert
- setCenterCoords
- setClusterLocation
- setClusterOptions
- setControlSize
- Selcoriu olsizi
- setDSN
- setHeight
- setInfoWindowTrigger
- setJSAlert
- setLookupService
- setMapType
- setMarkerIcon
- setMarkerIconKey
- setTypeControlsStyle
- setWidth
- setZoomLevel
- updateMarkerIconKey

Property Summary

Class Overview | Property Summary | Properties Detail | Method Summary | Methods Detail

ı			
	string	\$ads_channel	Google Adsense Channel ID
	bool	\$ads_manager	enables Google Adsense Adsmanager on page, not currently supported in beta
	int	\$ads_max	The Max number of Adsmanager ads to show on a map
	string	\$ads_pub_id	Google Adsense Publisher ID
	string	\$app_id	DEPRECATED: Google now has geocoding service.
	bool	\$avoid_highways	enables/disables avoid highways on directions
	bool	\$avoid_tollways	determines if avoid tollways is used in directions
	bool	\$biking_directions	enables/disables biking directions on directions
	bool	\$biking_overlay	determines if biking overlay is displayed on map
	float	\$bounds_fudge	factor by which to fudge the boundaries so that when we zoom encompass, the markers aren't too close to the edge
	string	\$browser_alert	message that pops up when the browser is incompatible with Google Maps.
	float	\$center_lat	map center latitude (horizontal) calculated automatically as markers are added to the map.
	float	\$center_lon	map center longitude (vertical) calculated automatically as markers are added to the map.
	string	\$control_size	determines the map control type small -> show move/center controls large -> show move/center/zoom
	-4	Adams to a	controls Default ican image location
ı	string	\$default_icon	Default icon image location.

determines if to/from directions are included inside info window determines whether or not to display the map and associated JS on the page determines whether or not to display the map and associated JS on the page selevation_directions mixed selevation_directions determines whether or not to display an elevation chart for directions that are added to the map. Selevation_markers determines whether or not to display an elevation chart for directions that are added to the map. Selevation_markers determines whether or not to display an elevation chart for directions that are added to the map. Selevation_markers when she map height determines whether or not to display an elevation chart for directions that are added to the map. Selevation_marker when she map height determines whether or not to display an elevation chart for directions that are added to the map. Selevation chart for directions that are added to the map. Selevation chart for directions that are added to the map. Selevation chart for directions that are added to the map. Selevation chart for directions that are added to the map. Selevation chart for directions that are added to the map. Selevation chart for directions that are added to the map. Selevation chart for directions that are added to the map in the when or not to display an elevation chart for directions that are added to the map in the when or not to display an elevation chart for directions that are added to the map in the when or not be display and elevation chart for directions and the selevation chart for directions	ī	ctring	Édofault ison shadow	Default icon shadow image location.
window determines unit system to use for directions, blank = default determines whether or not to display the map and associated JS on the page ### Selevation_directions ### Selevation_directions ### Selevation_markers ### Selevation_directions ### Selevation_markers ### Selevation_directions		string 	. – –	
default determines whether or not to display the map and associated JS on the page ### ### ### ### ### ### ### ### ### #		bool	•	window
array \$driving_dir_text \$dsn mked \$elevation_directions mked \$elevation_markers string \$height bool \$info_window string \$is_alert bool \$local_search bool \$mked \$marker_clusterer phiced \$marker_clusterer phiced \$marker_clusterer_potions maked \$marker_clusterer_potions moble \$moble \$control \$scale_control \$scale_control \$scale_control \$scale_control \$scale_control \$scale_bool \$string \$string \$string \$stridebar_id string \$stridebar_id \$street_view_controls bool \$string \$type_controls_string \$type_controls_string \$width \$street_view_control bool \$string \$type_controls_string \$t		string	\$directions_unit_system	
## PEAR:::DB DSN for geocode caching, example: \$dsn = mixed		mixed	\$display_map	
mixed \$elevation_directions determines whether or not to display an elevation chart for directions that are added to the map. string \$height determines whether or not to display an analyse on the "line" when determines if map markers bring up an info window message that appears when javascript is disabled. shool \$local_search enables/cliables local search on page enables/claables local search on page enables/claables local search on page and settings. mixed \$lookup_service enables coal search on page enables local search on page enables local search and on page NOTE: will only display addif local_search == true, otherwise just use ad_manager and settings. string \$map_controls enables will be search enables/cliables local search on page enables local search and on page NOTE: will only display addif local_search == true, otherwise just use ad_manager and settings. string \$map_controls enables of local search on page enables will be search and in local_search == true, otherwise just use ad_manager and settings. what server geocode lookups come from enables map controls (zoom/move/center) current map id, set when you instantiate the GoogleMapAP; SATELLITE, HYBRID, TERRAIN) default map type google.maps.MapTypeId.(ROADMAP, SATELLITE, HYBRID, TERRAIN) default marker clusterer *webserver* file location set default marker clusterer options whether or not to use the MarkerClusterer plugin set default marker clusterer options whether to use new V3 mobile functionality use onload() to load the map javascript. enables overview map control enables overview map control enables overview map control enables scale map control class variable to control scrollwheel determines if sidebar is enabled sidebar < div> used along with this map. determines whether or not to display street view controls = true. bool \$traffic_overlay determines whether or not to display street view controls = true. bool \$traffic_overlay determines whether or not to display on map enables map type controls (DEFAULT, HORIZONTAL_BAR, DROPDOWN_MENU) us		array	\$driving_dir_text	
directions that are added to the map.		string	\$dsn	'mysql://user:pass@localhost/dbname';
string \$height determines the map height sinfo_window determines if map markers bring up an info window message that appears when javascript is disabled. enables/disables local search on page enables local search on page enables local search and on page NOTE: will only display add if local_search == true, otherwise just use ad_manager mixed \$lookup_service		mixed	\$elevation_directions	directions that are added to the map.
determines if map markers bring up an info window message that appears when javascript is disabled.		mixed	\$elevation_markers	
## string #sis_alert message that appears when Javascript is disabled. ## slocal_search and search and search and so no page NOTE: will only display and if local_search are and settings. ## slookup_server string # slookup_service		string	\$height	determines the map height
## shool Shocal_search enables/disables local search on page enables display additional food search on the wind of the wind search on page enables display and if local_search on page enables with search on page enables mape (xorm/move/center) enables map control default marker clusterer propriors search and settings enables default marker clusterer webserver* file location search default marker clusterer options whether to use new V3 mobile functionality use onLoad() to load the map javascript. enables overview map control enables water or pot on display street view controls determines if sidebar search and to sidebar sidebar sidebar search and to sidebar sideba		bool	\$info_window	determines if map markers bring up an info window
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string smap_type current map id, set when you instantiate the GoogleMapAPI object. string smap_type default map type google.maps.MapTypeId.(ROADMAP, SATELLITE, HYBRID, TERRAIN) determines whether or not to use the MarkerClusterer plugin set default marker clusterer *webserver* file location set default marker clusterer *pulgin set default marker clusterer *webserver* file location set default marker clusterer options set default marker clusterer *webserver* file location set default marker clusterer plugin set default marker clusterer *webserver* file location set default even set was marker clusterer plugin set default marker clusterer *webserver* file location set default anker clusterer *webserver* file location set default set set set set set set set was marker clusterer *webserver* file location set default set set set set set set set set set se		mixed	\$lookup_server	
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string \$map_type		bool	\$map_controls	enables map controls (zoom/move/center)
## SATELLITE, HYBRID, TERRAIN) determines whether or not to use the MarkerClusterer plugin ## smarker_clusterer_location		string	\$map_id	
mixed smarker_clusterer_location set default marker clusterer *webserver* file location set default marker clusterer options set default marker clusterer *webserver* file location set default marker clusterer options option determines if sidebar clusterer options of to load the map piavascript. ### Wither to use new V3 mobile functionality use onload() to load the map piavascript. ### Parker Clusterer options of enables or ontols controls controls (peraller file for ontols of load the map piavascript. ### Parker Cluster option set default amrker subject of sales are approached in the map in piavascript. ### Parker Cluster option for top ontols of display directions option determines if info window appears with a click or mouseove determines if info window appears with a click or mouseove determines if info window appears with a click or mouseove determines if we should zoom to minimum level (above this > 200m set to display directions #### Parker Cluster option for type controls for parker option for type controls for parker opt		string	\$map_type	SATELLITE, HYBRID, TERRAIN)
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Smobile		mixed	<pre>\$marker_clusterer_location</pre>	
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bool \$cale_control enables overview map control enables scale map control scrollwheel determines if sidebar is enabled sidebar sid		bool	\$mobile	•
bool \$scale_control enables scale map control		bool	\$onload	
class variable to control scrollwheel determines if sidebar		bool	\$overview_control	enables overview map control
string sidebar id sidebar is enabled sidebar is enabled sidebar in determines if sidebar is enabled sidebar in sidebar is enabled sidebar in si		bool	\$scale_control	enables scale map control
sidebar_id sidebar_d street_view_controls mixed street_view_dom_id bool straffic_overlay bool string string string stype_controls string string string string string string stype_controls string str		bool	\$scrollwheel	
determines whether or not to display street view controls street_view_dom_id bool		bool	\$sidebar	determines if sidebar is enabled
## street_view_dom_id ## street_view_dom_id ## street_view_dom_id ## straffic_overlay ## string		string	\$sidebar_id	sidebar <div> used along with this map.</div>
controls = true. determines if traffic overlay is displayed on map bool stype_controls string stype_controls_style float suse_suggest float suse_suggest bool swalking_directions string swidth string string string string string string string string string string string string float suse_sugger int szoom bool szoom_encompass string string string string string string string float suse_suggest controls = true. determines if traffic overlay is displayed on map enables map type controls (MEPAULT, HORIZONTAL_BAR, DROPDOWN_MENU) use the first suggestion by a google lookup if exact match not found enables/disables walking directions option determines the map width determines if info window appears with a click or mouseover determines if we should zoom to minimum level (above this- >zoom value) that will encompass all markers database cache table name Class variable that will store generated header code for JS to display directions Class variable to store whether or not to display JS functions in the header		mixed	\$street_view_controls	determines whether or not to display street view controls
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string\$type_controls_stylesets default option for type controls(DEFAULT, HORIZONTAL_BAR, DROPDOWN_MENU) use the first suggestion by a google lookup if exact match not found 		bool	\$traffic_overlay	determines if traffic overlay is displayed on map
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in the header		string	\$_directions_header	to display directions
mixed \$_elevation_polylines list of polylines that should have an elevation profile		mixed	\$_display_js_functions	
		mixed	\$_elevation_polylines	list of polylines that should have an elevation profile

array	\$_icons	icon info array
mixed	\$_kml_overlays	list of added kml overlays
array	\$_markers	list of added markers
array	\$_marker_icons	marker icon info array
float	\$_max_lat	max latitude
float	\$_max_lon	maximum longitude of all markers
bool	\$_minify_js	Class variable that will store flag to minify js - this can be overwritten after object is instantiated. Include JSMin.phpyou want to use JS Minification.
float	\$_min_lat	min latitude
float	\$_min_lon	minimum longitude of all markers
array	\$_overlays	list of added overlays
array	\$_polylines	list of added polylines
string	\$_version	version number

Method Summary

Class Overview | Property Summary | Properties Detail | Method Summary | Methods Detail

GoogleMapAPI	GoogleMapAPI()	class constructor
void	addDirections()	Add directions route to the map and adds to directions container with id=\$dom id
string	addIcon()	add an icon to "iconset"
void	addKMLOverlay()	function to add a KML overlay to the map.
int/bool	addMarkerByAddress()	adds a map marker by address -
,		DEPRECATION WARNING: Tabs are no longe
		supported in V3, if this changes this can be
		easily updated.
int/bool	addMarkerByCoords()	adds a map marker by lat/lng coordinates -
•		DEPRECATION WARNING: Tabs are no longe
		supported in V3, if this changes this can be
		easily updated.
bool	addMarkerOpener()	adds a DOM object ID to specified marker to
		open the marker's info window.
void	addOverlay()	function to add an overlay to the map.
bool/int	addPolyLineByAddress()	adds a map polyline by address if color, weig
		and opacity are not defined, use the google
		maps defaults
bool/int	addPolylineByAddressArray()	adds polyline by passed array
string	addPolyLineByCoords()	adds a map polyline by map coordinates if
		color, weight and opacity are not defined, us
		the google maps defaults
bool int	addPolylineByCoordsArray()	adds polyline by passed array
void	addPolylineElevation()	function to add an elevation profile for a
		polyline to the page
void	adjustCenterCoords()	adjust map center coordinates by the given
		lat/lon point
void	attachStreetViewContainer()	attach a dom id object as a streetview
		container to the map NOTE: Only one
		container can be attached to a map.
array	createMarkerIcon()	generate an array of params for a new mark
		icon image iconShadowImage is optional If
		anchor coords are not supplied, we use the
		center point of the image by default.
void	disableAds()	disable Google Adsense admanager on Map
		(not supported in V3 API)
void void	disableAvoidHighways() disableAvoidTolls()	disables avoid highways in directions disables avoid tolls in directions

void disableBkingOverlay(void disableClustering() disableClustering() disableClustering() disableElevation Directions() void disableElevation Directions() disableElevation Directions() disableElevation Directions() disableElevation Marker() disableLocalSearch() void disableLocalSearch() void disableLocalSearch() void disableMapControls() disableSearcontol() enableAvoidTolls() enableAvoidTolls() enableBearcontol() enableClustering() enableClustering() enableBearcontol() enableSearcontol() enab			
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<pre>void</pre>	void	enableTrafficOverlay()	enable traffic overlay
void voidenableWalking Directions() enableZoomEncompass()enables walking directions enable zoom to encompass makers fetch a URL. Override this method to change the way URLs are fetched.bool/arraygeoGetCoords()get geocode lat/lon points for given address from Yahoobool/arraygeoGetCoordsFull()get full geocode information for given address from Google NOTE: This does not use the getCache function as there is a lot of data in a full geocode response to cache.floatgeoGetDistance()get distance between to geocoords using great circle distance formulavoidgetAddDirectionsJS()function to render proper calls for directions - for now can only be used on a map, not a streetview overridable function for generating js to add	void	enableTypeControls()	enables the type controls
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markers		- 0	markers
	I		

void	getAddOverlayJS()	function to get overlay creation JS.
bool array	getCache()	get the geocode lat/lon points from cache given address
void	getCreateMarkerJS()	overridable function to generate the js for js function for creating a marker.
void	getCreateOverlayJS()	Get create overlay is
void	getElevationMarkerJS()	create JS that is inside of JS plot elevation function
array	getGeocode()	get the geocode lat/lon points from given address look in cache first, otherwise get f
void	getHeaderJS()	return map header javascript (goes betwee <head></head>)
string	getIconKey()	function to get icon key
void	getMap()	return map
void	getMapFunctions()	function to render utility functions for use of the page
void	getMapJS()	return map javascript
void	getOnLoad()	return js to set onload function
void	getOnLoadFunction()	return js to set onload function
void	getPlotElevationJS()	print helper function to draw elevation res as a chart
void	getPolylineJS()	overridable function to generate polyline is now can only be used on a map, not a streetview
void	getSidebar()	return sidebar html
void	getUtilityFunctions()	
void	printHeaderJS()	<pre>print map header javascript (goes betwee <head></head>)</pre>
void	printMap()	print map (put at location map will appear
void	printMapJS()	print map javascript (put just before or in <header> if using onLoad())</header>
void	printOnLoad()	prints onLoad() without having to manipule body tag.
void	printOnLoadFunction()	print onLoad function name
void	printSidebar()	print sidebar (put at location sidebar will appear)
bool	putCache()	put the geocode lat/lon points into cache if given address
void	setBoundsFudge()	set the boundary fudge factor
void	setBrowserAlert()	set browser alert message for incompatible browsers
void	setCenterCoords()	set map center coordinates to lat/lon poin
void	setClusterLocation()	Set clustering library file location
void	setClusterOptions()	set clustering options
void	setControlSize()	sets the map control size (large/small)
void	setDSN()	sets the PEAR::DB dsn
string false	setHeight()	sets the height of the map
void	setInfoWindowTrigger()	set the info window trigger action
void	setJSAlert()	set <noscript> message when javascript i disabled</noscript>
void	setLookupService()	set the lookup service to use for geocode lookups default is YAHOO, you can also use GOOGLE.
void	setMapType()	set default map type (map/satellite/hybrid
string	setMarkerIcon()	set the default marker icon for ALL marker the map NOTE: This MUST be set prior to adding markers in order for the defaults to set correctly.
string	setMarkerIconKey()	function to check if icon is in class "marker_iconset", if it is,
void	setTypeControlsStyle()	sets map control style
string false	setWidth()	sets the width of the map
void	setZoomLevel()	sets the default map zoom level
voia		

Properties

Class Overview | Property Summary | Properties Detail | Method Summary | Methods Detail

string \$ads_channel = "" [line 218]

Google Adsense Channel ID

[Top]

bool \$ads_manager = false [line 204]

enables Google Adsense Adsmanager on page, not currently supported in beta

[Top]

int **\$ads_max** = 10 [line 225]

The Max number of Adsmanager ads to show on a map

[Top]

string \$ads_pub_id = "" [line 211]

Google Adsense Publisher ID

[Top]

string **\$app_id** = null [line 106]

DEPRECATED: Google now has geocoding service.

NOTE: Note even sure if this still works GoogleMapAPI used to use the Yahoo geocode lookup API. This is the application ID for YOUR application. This is set upon instantiating the GoogleMapAPI object.

(http://developer.yahoo.net/faq/index.html#appid)

[Top]

bool \$avoid_highways = false [line 260]

enables/disables avoid highways on directions

bool \$avoid_tollways = false [line 267]

determines if avoid tollways is used in directions

[Top]

bool \$biking_directions = false [line 253]

enables/disables biking directions on directions

[Top]

bool \$biking_overlay = false [line 366]

determines if biking overlay is displayed on map

[Top]

float \$bounds_fudge = 0.01 [line 464]

factor by which to fudge the boundaries so that when we zoom encompass, the markers aren't too close to the edge

[Top]

string \$browser_alert = 'Sorry, the Google Maps API is not compatible with this browser.' [line 296]

message that pops up when the browser is incompatible with Google Maps.

set to empty string to disable.

[Top]

float **\$center lat** = null [line 126]

map center latitude (horizontal) calculated automatically as markers are added to the map.

[Top]

float \$center_lon = null [line 135]

map center longitude (vertical) calculated automatically as markers are added to the map.

[Top] string \$control_size = 'large' [line 151] determines the map control type small -> show move/center controls large -> show move/center/zoom controls [Top] string \$default_icon = "" [line 520] **Default icon image location.** [Top] string \$default_icon_shadow = "" [line 527] Default icon shadow image location. [Top] **bool \$directions** = true [line 319] determines if to/from directions are included inside info window **API Tags:** Deprecated: [Top] string \$directions_unit_system = " [line 164] determines unit system to use for directions, blank = default [Top] mixed \$display_map = true [line 80] determines whether or not to display the map and associated JS on the page this is used if you just want to display a streetview with no map [Top] array \$driving_dir_text = array(

```
'dir_to' => 'Start address: (include addr, city st/region)',
'to_button_value' => 'Get Directions',
'to_button_type' => 'submit',
'dir_from' => 'End address: (include addr, city st/region)',
'from_button_value' => 'Get Directions',
'from_button_type' => 'submit',
'dir_text' => 'Directions: ',
'dir_tohere' => 'To here',
'dir_fromhere' => 'From here'
) [line 397]

API Tags:
    Deprecated:

[Top]

string $dsn = null [line 66]
```

```
PEAR::DB DSN for geocode caching. example: $dsn = 'mysql://user:pass@localhost/dbname';
```

mixed **\$elevation_directions** = false [line 496]

determines whether or not to display an elevation chart for directions that are added to the map.

[Top]

```
mixed $elevation_markers = true [line 490]
```

determines whether or not to display a marker on the "line" when mousing over the elevation chart

[Top]

```
string $height = '500px' [line 288]
```

determines the map height

[Top]

```
bool $info_window = true [line 326]
```

determines if map markers bring up an info window

string \$js_alert = 'Javascript must be enabled in order to use Google
Maps.' [line 304]

message that appears when javascript is disabled.

set to empty string to disable.

[Top]

bool \$local_search = false [line 232]

enables/disables local search on page

[Top]

bool \$local_search_ads = false [line 239]

enables local search ads on page NOTE: will only display ads if local_search == true, otherwise just use ad_manager and settings.

[Top]

mixed \$lookup_server = array('GOOGLE' => 'maps.google.com', 'YAHOO'
=> 'api.local.yahoo.com') [line 390]

[Top]

string \$lookup_service = 'GOOGLE' [line 389]

what server geocode lookups come from

available: YAHOO Yahoo! API. US geocode lookups only. GOOGLE Google Maps. This can do international lookups, but not an official API service so no guarantees. Note: GOOGLE is the default lookup service, please read the Yahoo! terms of service before using their API.

[Top]

bool \$map controls = true [line 142]

enables map controls (zoom/move/center)

[Top]

string **\$map_id** = null [line 74]

current map id, set when you instantiate the GoogleMapAPI object.

```
[Top]
```

```
string $map_type = 'HYBRID' [line 178]
```

default map type google.maps.MapTypeId.(ROADMAP, SATELLITE, HYBRID, TERRAIN)

[Top]

```
mixed $marker_clusterer = false [line 338]
```

determines whether or not to use the MarkerClusterer plugin

[Top]

```
mixed $marker_clusterer_location = "/MarkerClusterer-1.0/markerclusterer compiled.js" [line 343]
```

set default marker clusterer *webserver* file location

[Top]

```
mixed $marker_clusterer_options = array(
"maxZoom"=>"null",
"gridSize"=>"null",
"styles"=>"null"
) [line 348]
```

set default marker clusterer options

[Top]

```
bool $mobile = false [line 94]
```

Whether to use new V3 mobile functionality

[Top]

```
bool $onload = true [line 117]
```

use onLoad() to load the map javascript.

if enabled, be sure to include on your webpage: <?=\$mapobj->printOnLoad?> or manually create an onload function that calls the map's onload function using \$this->printOnLoadFunction

```
[Top]
bool $overview_control = false [line 197]
                     enables overview map control
[Top]
bool $scale_control = true [line 185]
                       enables scale map control
[Top]
bool $scrollwheel = true [line 190]
                  class variable to control scrollwheel
[Top]
bool $sidebar = true [line 311]
                    determines if sidebar is enabled
[Top]
string $sidebar_id = null [line 87]
               sidebar <div> used along with this map.
[Top]
mixed $street_view_controls = false [line 371]
      determines whether or not to display street view controls
[Top]
mixed $street_view_dom_id = "" [line 376]
 ID of the container that will hold a street view if streetview controls
                                 = true.
[Top]
```

```
bool $traffic_overlay = false [line 359]
           determines if traffic overlay is displayed on map
[Top]
bool $type_controls = true [line 158]
      enables map type controls (map/satellite/hybrid/terrain)
[Top]
string $type_controls_style = "DEFAULT" [line 171]
  sets default option for type controls(DEFAULT, HORIZONTAL_BAR,
                         DROPDOWN_MENU)
[Top]
float $use_suggest = false [line 471]
 use the first suggestion by a google lookup if exact match not found
[Top]
bool $walking directions = false [line 246]
              enables/disables walking directions option
[Top]
string $width = '500px' [line 281]
                      determines the map width
[Top]
string $window trigger = 'click' [line 333]
    determines if info window appears with a click or mouseover
[Top]
int $zoom = 16 [line 274]
```

determines the default zoom level

[Top]

bool \$zoom_encompass = true [line 457]

determines if we should zoom to minimum level (above this->zoom value) that will encompass all markers

[Top]

string \$_db_cache_table = 'GEOCODES' [line 547]

database cache table name

[Top]

mixed \$_directions = array() [line 559]

Class variable that will store information to render directions

[Top]

string \$_directions_header = " [line 554]

Class variable that will store generated header code for JS to display directions

[Top]

mixed **\$_display_js_functions** = true [line 564]

Class variable to store whether or not to display JS functions in the header

[Top]

mixed \$_elevation_polylines = array() [line 484]

list of polylines that should have an elevation profile rendered.

[Top]

array \$_icons = array() [line 505]

icon info array

Docs For Class GoogleMapAPI **API Tags: Deprecated: Information Tags:** Version: 2.5 [Top] mixed **\$_kml_overlays** = array() [line 539] list of added kml overlays [Top] array \$_markers = array() [line 422] list of added markers [Top] array \$_marker_icons = array() [line 513] marker icon info array **Information Tags:** Version: 3.0 [Top] **float \$_max_lat** = -1000000 [line 443] max latitude [Top] **float \$_max_lon** = -1000000 [line 429] maximum longitude of all markers [Top] **bool \$_minify_js** = true [line 572]

Class variable that will store flag to minify js - this can be overwritten after object is instantiated. Include JSMin.php if you want to use JS Minification.

```
float $_min_lat = 1000000 [line 450]

min latitude

[Top]
```

```
float $_min_lon = 1000000 [line 436]

minimum longitude of all markers
```

```
array $_overlays = array() [line 534]

list of added overlays
```

[Top]

```
array $_polylines = array() [line 479]

list of added polylines
```

[Top]

```
string $_version = '3.0beta' [line 415]
```

version number

[Top]

Methods

Class Overview | Property Summary | Properties Detail | Method Summary | Methods Detail

```
Constructor GoogleMapAPI [line 580]

GoogleMapAPI GoogleMapAPI( [string $map_id = 'map'], [string $app_id = 'MyMapApp'] )

class constructor
```

Parameters:

string \$map_id: the DOM element ID for the map

string \$app_id: YOUR Yahoo App ID

```
void addDirections( [string $start_address =
    ''], [string $dest_address = ''], [string
    $dom_id = ''], [bool $add_markers = true], [
    $elevation_samples = 256], [ $elevation_width
    = ""], [ $elevation_height = ""], [
    $elevation_dom_id = ''] )
Add directions route to the map and adds text directions container
    with id=$dom_id
```

Parameters:

[Top]

```
addIcon [line 1558]

string addIcon( string $iconImage, [
    $iconShadowImage = ''], [string $iconAnchorX
    = 'x'], [string $iconAnchorY = 'x'], [string
    $infoWindowAnchorX = 'x'], [string
    $infoWindowAnchorY = 'x'], string
    $iconShadow )
```

add an icon to "iconset"

Parameters:

```
string
stri
```

API Tags:

Return: Returns the icon's key.

```
addKMLOverlay [line 1410]

void addKMLOverlay( $file )
```

function to add a KML overlay to the map.

*Note that this expects a filename and file parsing/processing is done on the client side

Parameters:

\$file:

[Top]

```
addMarkerByAddress [line 1181]
```

```
int|bool addMarkerByAddress( string $address,
  [string $title = ''], [string $html = ''],
  [string $tooltip = ''], [string
  $icon_filename = ''], [string
  $icon_shadow filename = ''] )
```

adds a map marker by address - DEPRECATION WARNING: Tabs are no longer supported in V3, if this changes this can be easily updated.

Parameters:

string **\$address:** the map address to mark

(street/city/state/zip)

string **\$title:** the title display in the sidebar

string \$html: the HTML block to display in the info

bubble (if empty, title is used)

string \$tooltip: Tooltip to display (deprecated?)

string **\$icon_filename:** Web file location (eg

http://somesite/someicon.gif) to use for

icon

string \$icon_shadow_filename: Web file location (eg

http://somesite/someicon.gif) to use for

icon shadow

[Top]

```
addMarkerByCoords [line 1199]
```

int|bool addMarkerByCoords(string \$lon, string

```
$lat, [string $title = ''], [string $html =
''], [string $tooltip = ''], [string
$icon_filename = ''], [string
$icon_shadow_filename = ''] )
```

adds a map marker by lat/Ing coordinates - DEPRECATION WARNING: Tabs are no longer supported in V3, if this changes this can be easily updated.

Parameters:

string\$lon:the map longitude (horizontal)string\$lat:the map latitude (vertical)string\$title:the title display in the sidebar

string \$html: the HTML block to display in the info

bubble (if empty, title is used)
Tooltip to display (deprecated?)

string **\$tooltip**: Tooltip to display (deprecat

string \$icon_filename: Web file location (eg

http://somesite/someicon.gif) to use for

icon

string \$icon_shadow_filename: Web file location (eg

http://somesite/someicon.gif) to use for

icon shadow

[Top]

```
addMarkerOpener [line 1230]
```

```
bool addMarkerOpener( string $marker_id, string
  $dom_id )
```

adds a DOM object ID to specified marker to open the marker's info window.

Does nothing if the info windows is disabled.

Parameters:

string **\$marker** id: ID of the marker to associate to

string \$dom_id: ID of the DOM object to use to open marker info window

API Tags:

Return: true/false status

```
addOverlay [line 1384]
```

function to add an overlay to the map.

```
Parameters:
```

\$bds_lat1: \$bds_lon1: \$bds_lat2: \$bds_lon2: \$img_src: \$opacity:

[Top]

```
addPolyLineByAddress [line 1308]
```

```
bool|int addPolyLineByAddress( string
   $address1, string $address2, [string $id =
   false], [string $color = ''], [string $weight
   = 0], [string $opacity = 0] )
```

adds a map polyline by address if color, weight and opacity are not defined, use the google maps defaults

Parameters:

string \$address1: the map address to draw from **string \$address2:** the map address to draw to

string **\$id:** An array id to use to append coordinates to a line

string **\$color:** the color of the line (format: #000000)

string \$weight: the weight of the line in pixels
string \$opacity: the line opacity (percentage)

API Tags:

Return: Array id of newly added point or false

[Top]

addPolylineByAddressArray [line 1279]

adds polyline by passed array

if color, weight and opacity are not defined, use the google maps defaults

Parameters:

array \$polyline_array: array of addresses

string \$id: An array id to use to append coordinates to a line

string **\$color:** the color of the line (format: #000000)

string \$weight: the weight of the line in pixels
string \$opacity: the line opacity (percentage)

API Tags:

Return: Array id of newly added point or false

[Top]

```
addPolyLineByCoords [line 1330]
```

```
string addPolyLineByCoords( string $lon1,
   string $lat1, string $lon2, string $lat2,
   [string $id = false], [string $color = ''],
   [string $weight = 0], [string $opacity = 0]
)
```

adds a map polyline by map coordinates if color, weight and opacity are not defined, use the google maps defaults

Parameters:

string \$lon1: the map longitude to draw from
string \$lat1: the map latitude to draw from
the map longitude to draw to
the map longitude to draw to
the map latitude to draw to

string \$id: An array id to use to append coordinates to a line

string \$color: the color of the line (format: #000000)

string \$weight: the weight of the line in pixels
string \$opacity: the line opacity (percentage)

API Tags:

Return: id of the created/updated polyline array

[Top]

addPolylineByCoordsArray [line 1248]

adds polyline by passed array

if color, weight and opacity are not defined, use the google maps defaults

Parameters:

array \$polyline_array: array of lat/long coords

string **\$id:** An array id to use to append coordinates to a line

string **\$color:** the color of the line (format: #000000)

string \$weight: the weight of the line in pixels
string \$opacity: the line opacity (percentage)

API Tags:

Return: Array id of newly added point or false

[Top]

function to add an elevation profile for a polyline to the page

```
Parameters:
```

\$polyline id:

\$elevation_dom_id:

\$samples:

\$width:

\$height:

\$focus_color:

[Top]

```
adjustCenterCoords [line 1421]

void adjustCenterCoords( string $lon, string $lat )

adjust map center coordinates by the given lat/lon point

Parameters:
    string $lon: the map latitude (horizontal)
    string $lat: the map latitude (vertical)
```

```
attachStreetViewContainer [line 986]

void attachStreetViewContainer( $dom id )
```

attach a dom id object as a streetview container to the map NOTE:
Only one container can be attached to a map.

Parameters: \$dom_id:

[Top]

```
createMarkerIcon [line 1458]
```

```
array createMarkerIcon( string $iconImage,
  [string $iconShadowImage = ''], [string
  $iconAnchorX = 'x'], [string $iconAnchorY =
  'x'], [string $infoWindowAnchorX = 'x'],
  [string $infoWindowAnchorY = 'x'] )
```

generate an array of params for a new marker icon image iconShadowImage is optional If anchor coords are not supplied, we use the center point of the image by default.

Can be called statically. For private use by addMarkerIcon() and setMarkerIcon() and addIcon()

Parameters:

string \$iconImage: URL to icon image
string \$iconShadowImage: URL to shadow image

string \$iconAnchorX: X coordinate for icon anchor point Y coordinate for icon anchor point

string \$infoWindowAnchorX: X coordinate for info window anchor point **string \$infoWindowAnchorY:** Y coordinate for info window anchor point

API Tags:

Return: Array with information about newly /previously created icon.

[Top]

```
disableAds [line 1000]
```

void disableAds()

disable Google Adsense admanager on Map (not supported in V3 API)

[Top]

```
disableAvoidHighways [line 768]
```

void disableAvoidHighways()

disables avoid highways in directions

```
disableAvoidTolls [line 784]
     void disableAvoidTolls( )
          disables avoid tolls in directions
[Top]
```

```
disableBikingOverlay [line 964]
    void disableBikingOverlay( )
          disable biking overlay (default)

[Top]
```

```
disableDirections [line 918]
     void disableDirections( )
             disables map directions inside info window
[Top]
disableElevationDirections [line 1043]
     void disableElevationDirections( )
           disable elevation to be displayed for directions
[Top]
disableElevationMarker [line 1029]
     void disableElevationMarker( )
                      disable elevation marker
[Top]
disableInfoWindow [line 1015]
     void disableInfoWindow( )
                  disable map marker info windows
[Top]
disableLocalSearch [line 704]
     void disableLocalSearch( )
          disables the type controls (map/satellite/hybrid)
```

```
[Top]
disableLocalSearchAds [line 720]
     void disableLocalSearchAds( )
          disables the type controls (map/satellite/hybrid)
[Top]
disableMapControls [line 671]
     void disableMapControls( )
               disables the map controls (zoom/move)
[Top]
disableMapDisplay [line 596]
     void disableMapDisplay( )
  function to disable map display (used to display street view only)
[Top]
disableOnLoad [line 886]
     void disableOnLoad( )
                           disables onload
[Top]
disableOverviewControl [line 1143]
     void disableOverviewControl( )
```

disables the overview map control

[Top]

```
disableScrollWheel [line 688]

void disableScrollWheel( )

disable mouse scrollwheel on Map

[Top]
```

```
disableStreetViewControls [line 978]
    void disableStreetViewControls( )
          disable biking overlay (default)

[Top]
```

disableTrafficOverlay [line 950]

```
void disableTrafficOverlay( )
                   disable traffic overlay (default)
[Top]
disableTypeControls [line 830]
     void disableTypeControls( )
          disables the type controls (map/satellite/hybrid)
[Top]
disableWalkingDirections [line 736]
     void disableWalkingDirections( )
                     disables walking directions
[Top]
disableZoomEncompass [line 1103]
     void disableZoomEncompass( )
                 disable zoom to encompass makers
[Top]
enableAds [line 993]
     void enableAds( )
enable Google Adsense admanager on Map (not supported in V3 API)
```

```
Docs For Class GoogleMapAPI
[Top]
enableAvoidHighways [line 760]
     void enableAvoidHighways( )
                 enables avoid highways in directions
[Top]
enableAvoidTolls [line 776]
     void enableAvoidTolls( )
                   enables avoid tolls in directions
[Top]
enableBikingDirections [line 744]
     void enableBikingDirections( )
                       enables biking directions
[Top]
enableBikingOverlay [line 957]
     void enableBikingOverlay( )
                        enable biking overlay
[Top]
enableClustering [line 1050]
```

void enableClustering()

enable map marker clustering

[Top]

```
enableDirections [line 910]

void enableDirections( )

enables map directions inside info window
```

[Top]

```
enableElevationDirections [line 1036]

void enableElevationDirections( )

enable elevation to be displayed for directions
```

[Top]

```
enableElevationMarker [line 1022]

void enableElevationMarker( )

enable elevation marker to be displayed
```

[Top]

```
enableInfoWindow [line 1008]
    void enableInfoWindow( )
    enable map marker info windows

[Top]
```

enableLocalSearch [line 696]

```
void enableLocalSearch( )
          enables the type controls (map/satellite/hybrid)
[Top]
enableLocalSearchAds [line 712]
     void enableLocalSearchAds( )
          enables the type controls (map/satellite/hybrid)
[Top]
enableMapControls [line 663]
     void enableMapControls( )
               enables the map controls (zoom/move)
[Top]
enableMapDisplay [line 589]
     void enableMapDisplay( )
                   function to enable map display
[Top]
enableOnLoad [line 878]
     void enableOnLoad( )
                          enables onload
```

```
[Top]
enableOverviewControl [line 1135]
     void enableOverviewControl( )
                 enables the overview map control
[Top]
enableScaleControl [line 1119]
     void enableScaleControl( )
                   enables the scale map control
[Top]
enableSidebar [line 894]
     void enableSidebar( )
                          enables sidebar
[Top]
enableStreetViewControls [line 971]
     void enableStreetViewControls( )
                        enable biking overlay
[Top]
enableTrafficOverlay [line 943]
     void enableTrafficOverlay( )
```

enable traffic overlay

```
enableTypeControls [line 822]
  void enableTypeControls( )
  enables the type controls (map/satellite/hybrid)

[Top]
```

```
enableWalkingDirections [line 728]

void enableWalkingDirections( )

enables walking directions
```

```
enableZoomEncompass [line 1096]

void enableZoomEncompass()

enable zoom to encompass makers

[Top]
```

```
fetchURL [line 2540]

void fetchURL( string $url )

fetch a URL. Override this method to change the way URLs are fetched.

Parameters:
    string $url:
```

```
geoGetCoords [line 2477]
     bool|array geoGetCoords( string $address, [
        depth = 0
       get geocode lat/lon points for given address from Yahoo
Parameters:
  string $address:
       $depth:
API Tags:
 Return: false if can't be geocoded, array or geocdoes if successful
[ Top ]
geoGetCoordsFull [line 2514]
     bool|array geoGetCoordsFull( string $address, [
        depth = 01
get full geocode information for given address from Google NOTE: This
 does not use the getCache function as there is a lot of data in a full
                     geocode response to cache.
```

Parameters:

string \$address: \$depth:

API Tags:

Return: false if can't be geocoded, array or geocdoes if successful

[Top]

```
geoGetDistance [line 2556]
     float geoGetDistance( float $lat1, float $lon1,
        float $lat2, float $lon2, [float $unit =
        'M'] )
get distance between to geocoords using great circle distance formula
Parameters:
 float $lat1:
 float $lat2:
 float $lon1:
 float $lon2:
```

float **\$unit:** M=miles, K=kilometers, N=nautical miles, I=inches, F=feet

getAddDirectionsJS [line 2104]

[Top]

```
void getAddDirectionsJS( )
  function to render proper calls for directions - for now can only be
                  used on a map, not a streetview
[Top]
getAddMarkersJS [line 2009]
     void getAddMarkersJS( [ $map_id = ""], [ $pano
        = falsel
        overridable function for generating js to add markers
Parameters:
   $map_id:
   $pano:
[Top]
getAddOverlayJS [line 2172]
     void getAddOverlayJS( )
                 function to get overlay creation JS.
[Top]
getCache [line 2420]
     bool|array getCache( string $address )
     get the geocode lat/lon points from cache for given address
Parameters:
  string $address:
```

```
API Tags:
  Return: False if no cache, array of data if has cache
[Top]
getCreateMarkerJS [line 2187]
     void getCreateMarkerJS( )
overridable function to generate the js for the js function for creating
                              a marker.
[Top]
getCreateOverlayJS [line 2234]
     void getCreateOverlayJS( )
                         Get create overlay js
[ Top ]
getElevationMarkerJS [line 2313]
     void getElevationMarkerJS( )
         create JS that is inside of JS plot elevation function
[Top]
getGeocode [line 2402]
     array getGeocode( string $address )
get the geocode lat/lon points from given address look in cache first,
                      otherwise get from Yahoo
Parameters:
 string $address:
API Tags:
```

```
Return: GeoCode information
[ Top ]
getHeaderJS [line 1588]
     void getHeaderJS( )
   return map header javascript (goes between <head></head>)
[Top]
getIconKey [line 1544]
     string getIconKey( string $iconImage, [string
        $iconShadow = ""] )
                       function to get icon key
Parameters:
  string $iconImage: URL to marker icon image
  string $iconShadow: URL to marker icon shadow image
API Tags:
  Return: Returns formatted icon key from icon or icon+shadow image name
          pairs
[Top]
getMap [line 2353]
     void getMap( )
                             return map
Top ]
getMapFunctions [line 1982]
     void getMapFunctions( )
       function to render utility functions for use on the page
```

```
[Top]
getMapJS [line 1654]
     void getMapJS( )
                        return map javascript
[Top]
getOnLoad [line 1631]
     void getOnLoad( )
                   return js to set onload function
[Top]
getOnLoadFunction [line 1638]
     void getOnLoadFunction( )
                   return js to set onload function
[Top]
getPlotElevationJS [line 2282]
     void getPlotElevationJS( )
      print helper function to draw elevation results as a chart
[Top]
getPolylineJS [line 2053]
```

```
Docs For Class GoogleMapAPI
     void getPolylineJS( )
overridable function to generate polyline js - for now can only be used
                     on a map, not a streetview
[ Top ]
getSidebar [line 2391]
     void getSidebar( )
                         return sidebar html
[Top]
getUtilityFunctions [line 1990]
     void getUtilityFunctions( )
[Top]
printHeaderJS [line 1580]
     void printHeaderJS( )
    print map header javascript (goes between <head></head>)
[Top]
printMap [line 2345]
     void printMap( )
             print map (put at location map will appear)
[Top]
```

printMapJS [line 1646]

```
void printMapJS( )
  print map javascript (put just before </body>, or in <header> if
                           using onLoad())
[Top]
printOnLoad [line 1617]
     void printOnLoad( )
       prints onLoad() without having to manipulate body tag.
call this after the print map like so... $map->printMap(); $map->printOnLoad();
[Top]
printOnLoadFunction [line 1624]
     void printOnLoadFunction( )
                     print onLoad function name
[Top]
printSidebar [line 2383]
     void printSidebar( )
          print sidebar (put at location sidebar will appear)
[Top]
putCache [line 2454]
     bool putCache( string $address, string $lon,
        string $lat )
```

put the geocode lat/lon points into cache for given address

Parameters:

string \$address:

string \$lon: the map latitude (horizontal)
string \$lat: the map latitude (vertical)

API Tags:

Return: Status of put cache request

[Top]

[Top]

```
setBoundsFudge [line 1111]

void setBoundsFudge( float $val )

set the boundary fudge factor

Parameters:
  float $val:
```

```
setBrowserAlert [line 927]

void setBrowserAlert( string $message )

set browser alert message for incompatible browsers

Parameters:
    string $message:
[Top]
```

```
setCenterCoords [line 1439]

void setCenterCoords( string $lon, string $lat
)

set map center coordinates to lat/lon point

Parameters:
    string $lon: the map latitude (horizontal)
    string $lat: the map latitude (vertical)
```

```
[Top]
```

```
setClusterLocation [line 1073]

void setClusterLocation( $file )

Set clustering library file location

Parameters:
    $file:

[Top]
```

```
setControlSize [line 680]

void setControlSize( string $size )

sets the map control size (large/small)

Parameters:
   string $size: Large/Small

[Top]
```

```
setDSN [line 605]

void setDSN( string $dsn )

sets the PEAR::DB dsn
```

```
Parameters:
 string $dsn: Takes the form of "mysql://user:pass@localhost/db_name"
[Top]
setHeight [line 635]
     string|false setHeight( string $height )
                     sets the height of the map
Parameters:
 string $height:
API Tags:
 Return: Height or false if not a valid value
[Top]
setInfoWindowTrigger [line 1082]
     void setInfoWindowTrigger( $type, string
        $message )
                  set the info window trigger action
Parameters:
 string $message: click/mouseover
       $type:
[Top]
setJSAlert [line 936]
     void setJSAlert( string $message )
         set <noscript> message when javascript is disabled
Parameters:
  string $message:
[Top]
setLookupService [line 1157]
```

```
void setLookupService( string $service )
```

set the lookup service to use for geocode lookups default is YAHOO, you can also use GOOGLE.

NOTE: GOOGLE can to intl lookups, but is not an official API, so use at your own risk.

Parameters:

string \$service:

API Tags:

Deprecated:

[Top]

```
setMapType [line 856]

void setMapType( string $type )

set default map type (map/satellite/hybrid)
```

Parameters:

string \$type: New V3 Map Types, only include ending word (HYBRID,SATELLITE,TERRAIN,ROADMAP)

[Top]

```
setMarkerIcon [line 1512]

string setMarkerIcon( string $iconImage,
    [string $iconShadowImage = ''], [string
    $iconAnchorX = 'x'], [string $iconAnchorY =
    'x'], [string $infoWindowAnchorX = 'x'],
    [string $infoWindowAnchorY = 'x'] )
```

set the default marker icon for ALL markers on the map NOTE: This MUST be set prior to adding markers in order for the defaults to be set correctly.

Parameters:

string \$iconImage: URL to icon image
string \$iconShadowImage: URL to shadow image

string \$infoWindowAnchorX: X coordinate for info window anchor point **string \$infoWindowAnchorY:** Y coordinate for info window anchor point

```
Docs For Class GoogleMapAPI
API Tags:
  Return: A marker icon key.
[ Top ]
setMarkerIconKey [line 1529]
     string setMarkerIconKey( string $iconImage, [
        $iconShadow = ''], [string $iconAnchorX =
        'x'], [string $iconAnchorY = 'x'], [string
        $infoWindowAnchorX = 'x'], [string
        $infoWindowAnchorY = 'x'], string
        $iconShadowImage )
     function to check if icon is in class "marker_iconset", if it is,
returns the key, if not, creates a new array indice and returns the key
Parameters:
  string $iconImage:
                              URL to icon image
 string $iconAnchorX:
  string $iconShadowImage: URL to shadow image
                              X coordinate for icon anchor point
                              Y coordinate for icon anchor point
  string $infoWindowAnchorX: X coordinate for info window anchor point
  string $infoWindowAnchorY: Y coordinate for info window anchor point
       $iconShadow:
API Tags:
 Return: A marker icon key.
[ Top ]
setTypeControlsStyle [line 837]
     void setTypeControlsStyle( $type )
                        sets map control style
Parameters:
   $type:
[ Top ]
```

```
setWidth [line 615]

string|false setWidth( string $width )
```

sets the width of the map

Parameters:

string \$width:

API Tags:

Return: Width or false if not a valid value

[Top]

setZoomLevel [line 655]

void setZoomLevel(string \$level)

sets the default map zoom level

Parameters:

string \$level: Initial zoom level value

[Top]

updateMarkerIconKey [line 1570]

void updateMarkerIconKey(string \$markerKey, string \$iconKey)

updates a marker's icon key.

NOTE: To be used in lieu of addMarkerIcon, now use addIcon + updateMarkerIconKey for explicit icon association

Parameters:

string \$markerKey: Marker key to define which marker's icon to update **string \$iconKey:** Icon key to define which icon to use.

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