

# Gmaps 1.0.3 for Revo

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Geolocalize your documents with Gmaps !

Display a Google Map and adds some markers

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## Gmaps

Basic usage: `[[!Gmaps]]`

### PARAMETERS

#### &mapid

**Purpose:** map identifier  
**Option:** string  
**Default:** 'Gmaps'  
**Note:** optional

#### &language

**Pur:** Sets the googlemap language  
**Opt:** string  
**Def:** en  
**Not:** see the supported list of languages at:  
<http://code.google.com/intl/en/apis/maps/faq.html#languagesupport>

#### &mapLatLng

**Pur:** map default latitude & longitude.  
**Opt:** string  
**Def:** 46.538362 , 2.427753 (center of France)  
**Not:**  
-90. < latitude < 90.  
-180. < longitude < 180.

#### &zoom

**Pur:** The initial Map zoom level.  
**Opt:** int - 0 < int < 20  
**Def:** 5

#### &mapType

**Pur:** Type of map  
**Opt:**  
'SATELLITE' | 'HYBRID' | 'TERRAIN' | 'ROADMAP'  
**Def:** ROADMAP  
**Not:**  
See  
<http://code.google.com/intl/en/apis/maps/documentation/javascript/reference.html#MapTypeId>

#### &mapWidth

**Pur:** map width : in pixels or in percent  
**Opt:** npx | x%  
**Def:** 100%

#### &mapHeight

**Pur:** map height : in pixels or in percent.  
**Opt:** npx | x%  
**Def:** 500px

#### &scalable

**Pur:** specifies if this map could be resizable by the user.  
**Opt:** 'yes' | 'no'  
**Def:** 'no'

#### &markers

**Pur:** csv list of ids  
**Opt:** csv list of ids | "  
**Def:** " (empty string)  
**Not:**  
As the map is centered on the barycenter of the group of markers. You need to have at least one marker.  
Use **GetIds** add-on to set your resources ids.

#### &kml

**Pur:** csv list of KML or GeoRSS files.  
**Opt:** tv\_name | "  
**Def:** " (empty string)  
**E.g:** &kml='trip1.kml , trip2.kml, trip3.kml'  
**Not:** files should be in assets/files/kml folder

The KML files should be accessible by the Google KML rendering server. So it can't work with KML files on your local computer.

#### &mkrLatLngTv

**Pur:** name of tv where is stored the latLng value of the marker. Tv should contains: lat,lng values.  
Or 2 tv names separated by a comma. The first tv contains the latitude and the second tv the longitude  
**Opt:** tv name | 'mkrLatLng'  
**Def:** 'mkrLatLng'  
  
**E.g:** &mkrLatLngTv='spotLatLng'  
&mkrLatLngTv='spotLat , spotLng'

#### &mkrClick

**Pur:** When the map marker is clicked, should open the info box, follow the link or do nothing ?  
**Opt:** 'info' | 'link' | 'none'  
**Def:** 'link'

#### &mkrOver

**Pur:** When mouse cursor is moved over the map marker, should open the info box, follow the link or do nothing ?  
**Opt:** 'info' | 'link' | 'none'  
**Def:** 'none'

#### &mkrTextTv

**Pur:** name of tv where is stored the text value of the marker. Tv output should be as text: Text of the marker  
**Opt:** tv name | 'mkrText'  
**Def:** 'mkrText'

#### &mkrLinkTv

**Pur:** name of tv where is stored the redirected page url with the 'link' mode. See mkrClick and mkrOver parameters.  
**Opt:** tv name | "  
**Def:** " => redirection to the marker resource id

#### &mkrIconTv

**Pur:** name of tv where is stored the chunk name which contains information about the icon to use.  
**Opt:** tv name | "  
**Def:** " => default google icon (red icon)  
**Not:**  
A chunk should be defined for each icon and contain: image,[shadow,[shape]]  
- image: image\_name, width, height, originX, originY, anchorX, anchorY,  
- shadow: width, height, originX, originY, anchorX, anchorY

- shape: comma separated list of shape coordinates

The gmaps package comes with :

- the beachflag chunk (example of icon definition)  
- the beachflag.png and beachflag\_shadow.png images

With the default value (empty string), you get the default red google icon.

With an image file, the image should be used as icon.

#### &method

**Pur:** method used to get ajax response from GmapsInfobox.  
**Opt:** GET | POST  
**Def:** POST

#### &apiVersion

**Pur:** to specify an api version of google API  
**Opt:** '3.4' | '3.5' | '3.6' | "  
**Def:** " => nightly version

#### &iconDir

**Pur:** path to the directory where are stored icons for google maps.  
**Opt:** path name  
**Def:** 'assets/images/gmaps/'  
**Not:** Don't put your marker images inside assets/components/gmaps/images/ otherwise they will be removed by un-installation package

#### &infoboxAjaxId

**Pur:** Ajax response page for the infobox content  
**Opt:** id | 0  
**Def:** 0  
**Not:** should be a blank template page id with the snippet call `[[!GmapsInfobox]]`

#### &urlScheme

**Pur:** Indicates in what format the URL is generated. Used only with infoboxes  
**Opt:** -1, 'full', 'abs', 'http', 'https'  
**Def:** -1  
**Not:**  
-1: relative to site\_url  
'full': prepended with site\_url from config  
'abs': prepended with base\_url from config  
'http': absolute url, forced to http scheme  
'https': absolute url, forced to https scheme

## GmapsInfobox

Basic usage: `[[!GmapsInfobox]]`

The page should be saved with a blank template. The Internet media type should be text/plain.

Unset the Rich text setting to avoid to frame the snippet call by a <p></p> unnecessary tag.

Document: AjaxInfobox

Create/Edit Document Page Settings Template Variables Access Permissions

ID: 78

Uses Template: 0 ☒ Published

Title: AjaxInfobox

Long Title: AjaxInfobox

Description:

Resource Alias: ajax-infobox

Link Attributes:

Summary (introtxt):

Parent Resource: Gmaps (47)

Menu Title:

Menu Index: 2

Hide From Menus: ☒

Resource Content

[[Gmapsinfobox? &mkrTextTv= mkrContent]]

Document: AjaxInfobox

Create/Edit Document Page Settings Template Variables Access Permissions

Container:

Rich Text: ☒

Published On: 2011-04-12 11:05 pm

Unpublish date:

Searchable: ☒

Cachable: ☒

Empty Cache: ☒

Deleted: ☐

Content Type: text

Content Disposition: inline

Class Key: modDocument

Resource Content

[[Gmapsinfobox? &mkrTextTv= mkrContent]]

Def: 'mkrText'

## Gmaps Resources Links

Google Maps Api javascript V3:

<http://code.google.com/intl/en/apis/maps/documentation/javascript/>

Demo site: <http://www.revo.wangba.fr>

Forum board:

<http://modx.com/forums/index.php/topic,59202.0.html>

Download:

<http://modx.com/extras/package/gmaps2>

Bugs and new feature requests:

<https://github.com/Coroico>

### PARAMETERS

#### &mkrTextTv

**Pur:** name of tv where is stored the text value of the marker. Tv output should be as text: Text of the marker.

**Opt:** tv name | 'mkrText'

## Installation

Creation of template variables:

Create a tv for the latitude and longitude:

Template Variable: mkrLatLng

General Information Properties Template Access Access Permissions

Add or edit template variables here. Template Variables must be assigned to templates

Variable Name: mkrLatLng

Caption: Latitude , longitude

Description: Position of the marker

Category: Marker

Lock variable for editing: ☐

Sort Order: 0

Clear Cache on Save: ☒

Rendering Options

Input Type: Text

Input Option Values:

Default Value:

Output Type: Default

This tv is used to specify the localisation of any marker on the map.

**Note:**

If the latitude and the longitude values are stored inside 2 different TVs, then specify &mkrLatLngTv='mkrLat , mkrLng' where mkrLat is the tv name where is stored the latitude and mkrLng the tv where is stored the longitude.

Document: One marker one map

Create/Edit Document Page Settings Template Variables Access Permissions

Article Uncategorized

Marker text

Use html content

<div class="infowindow">  
<p><[[Gmaps? &mkrLatLngTv= mkrLat , mkrLng]]</p></div>

Latitude

Latitude of the marker

-16.193975

Longitude

Longitude of the marker

-67.728832

Create a tv for the marker icon:

Template Variable: mkrImg

General Information Properties Template Access Access Permissions

Add or edit template variables here. Template Variables must be assigned to templates

Variable Name: mkrimg

Caption: Marker image description

Description: chunk name

Category: Marker

Lock variable for editing: ☐

Sort Order: 0

Clear Cache on Save: ☒

Rendering Options

Input Type: Text

Input Option Values:

Default Value:

Output Type: Default

This tv is used to specify the marker icon to use (optional). If not defined, the default red google icon will be used.



Create a tv for the infobox content :

Template Variable: mkrContent

General Information Properties Template Access Access Permissions

Add or edit template variables here. Template Variables must be assigned to templates

Variable Name: mkrContent

Caption: Marker text

Description: Use html content

Category: Marker

Lock variable for editing: ☐

Sort Order: 0

Clear Cache on Save: ☒

Rendering Options

Input Type: RichText

Input Option Values:

Default Value:

Output Type: Default

This tv is used to specify the content of the info window linked to a marker (optional).

Create a chunk for each type of marker icon:

Chunk: volcano

Create/edit chunk Properties

Here you can add/edit chunks. Remember, chunks are 'raw' HTML code, so any PHP code won't be processed.

Name: volcano

Description: Volcano marker description

Category: 0

Lock chunk for editing: ☒

Clear Cache on Save: ☒

Chunk code (html)

```
"beachflag.png", 20, 32, 0, 0, 0, 32 :
"beachflag_shadow.png", 37, 32, 0, 0, 0, 32 : 1, 1,
1, 20, 18, 20, 18, 1
```

Above the definition of the volcano marker icon used with documents. See also the beachflag chunk provided with the Gmaps package.

Fill the tvs of your MODx documents:

Document: Villarrica

Create/Edit Document Page Settings Template Variables Access Permissions

Article Marker

Marker text  
Use html content

Villarrica with is lava of basaltic andesitic composition is one of only four volcanoes worldwide known to have an active lava lake within its crater.

Path: div:infowindow > p

Latitude, longitude  
Position of the marker: -39.437095,-71.915932

Marker image description  
chunk name: volcano

Above document id=54 (child of document #51)

If you use info windows, create the ajax response document to set up infobox content :

Document: AjaxInfobox

Create/Edit Document Page Settings Template Variables Access Permissions

ID: 78

Uses Template: 0 ☒ Published

Title: AjaxInfobox

Long Title: AjaxInfobox

Description:

Resource Alias: ajax-infobox

Link Attributes:

Summary (introtxt):

Parent Resource: Gmaps (47)

Menu Title:

Menu Index: 2

Hide From Menus: ☒

Resource Content

[[!GmapsInfobox? &mkrTextTv="mkrContent"]]

Above the document with id= 78, used with the infoboxAjaxId parameter.

## Add a map on a document:

Document: Map with Infoboxes

Save Duplicate Preview Cancel Help!

Create/Edit Document Page Settings Template Variables Access Permissions

ID: 50

Uses Template: addonGmaps1C ☒ Published

Title: Map with Infoboxes

Long Title: Map with Infoboxes

Description: Map with Infoboxes

Resource Alias: gmaps-volcanoes

Link Attributes:

Summary (introtxt):

Parent Resource: Demos (49)

Menu Title: Map with Infoboxes

Menu Index: 0

Hide From Menus: ☐

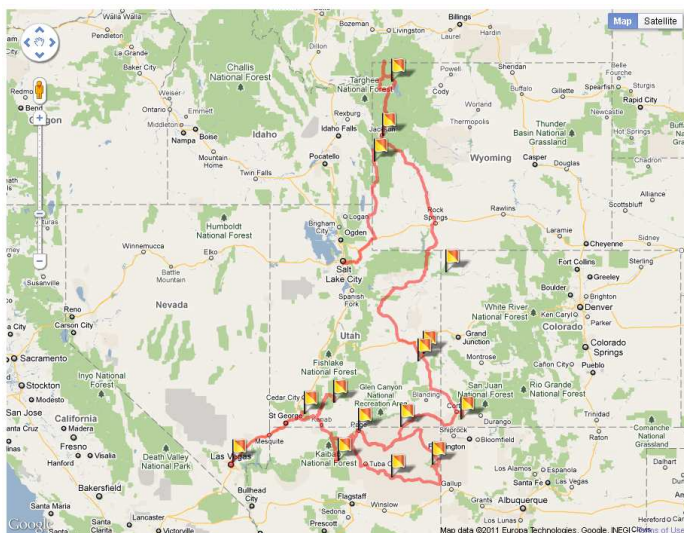
Resource Content

[[Gmaps ? &mapWidth="100%" &mapHeight="400px" &mkrClick="link" &mkrOver="info" &mkrLatLon="mkrLatLon" &mkrTextTv="mkrContent" &infoboxAjaxId="[[GmapAjaxId]]" &markers="[[Gellids? &ids="c51"]]]



See the demo : <http://www.revo.wangba.fr/index.php?id=50>

You could also add a kml layer to your map. Hereafter a route:



See the demo : <http://www.revo.wangba.fr/index.php?id=79>

**Warning:** The KML file must be accessible by the Google KML rendering server. So **it can't work with KML files on your local computer.**

**One marker one map:**

To set up a map from one marker document do as follow:

- Create a tv for the latitude and longitude
- Create a tv for the infobox content
- Create the ajax response document to set up infobox content
- Fill your document

Hereafter the screenshot of an example:

Document: One marker one map

Save Duplicate Preview Cancel Help!

Create/Edit Document Page Settings Template Variables Access Permissions

ID: 132

Uses Template: gmapsMarker ☒ Published

Title: One marker one map

Long Title: One marker document as a map

Description: Set a simple map from a marker document

Resource Alias: one-marker-one-map

Link Attributes:

Summary (introtxt):

Parent Resource: Demos (49)

Menu Title: One marker one map

Menu Index: 3

Hide From Menus: ☐

Resource Content

Where is Corico ? A map based on one only marker document. Here the default google marker is used.

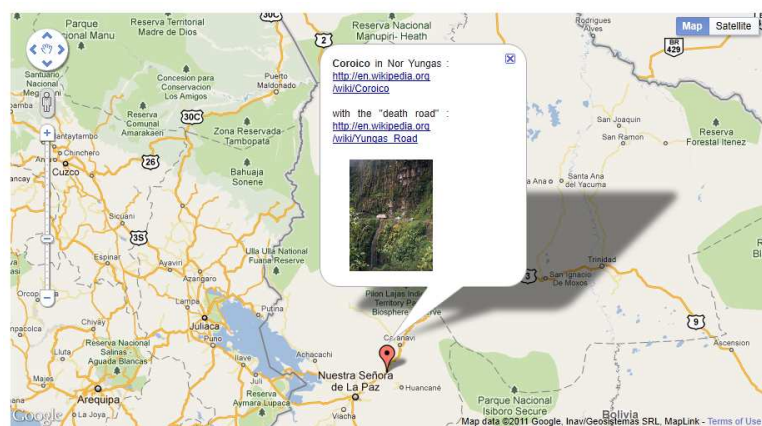
Moving the cursor over the marker open the infowindow. By clicking the marker you re-display the current document.

[[Gmaps  
&zoom=7  
&mapWidth="100%"  
&mapHeight="500px"  
&mapLatLon="[[mkrLatLon]]"  
&mkrLatLon="[[mkrLatLon]]"  
&markers="[[id]]"  
&mkrClick="link"  
&mkrOver="info"  
&infoboxAjaxId="78"  
]]

With the content of #78 :

[[Gmapsinfobox? &mkrTextTv="mkrContent"]]



Path: h4.content-title






See the demo : <http://www.revo.wangba.fr/index.php?id=132>



To get the last demos and the updated documentation go to the demo site: <http://www.revo.wangba.fr>



 RSS 

 MODX™ is a free, fast and flexible, ajax and SEO content management system.

An Open Source Content Management Framework, it frees you to build sites exactly how you want and make them 100% yours. Zero restrictions and fast to build. Super-simple templates in HTML/CSS/JS. Registered user systems and a killer community.

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Сниппет AjaxSearch

Параметры и плейсхолдеры  
сниппета AjaxSearch

Using MaxMind geo-IP with  
MODx


Area MODx revo

Wayfinder slowness issue

Creating Plugins for Easy 2  
Gallery

Easy2Gallery wiki

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 **Gmaps demos**


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[Map with a kml layer](#)

[Simple map](#)

[Several maps](#)

[One marker one map](#)

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**Demos:**

**Map with infoboxes** - Discover some volcanoes. Each flag on the world map represent a volcano. Browsing the cursor over the flag open an info window. By clicking on the flag you go are redirected to the resource document.

**Map with a kml layer** - From Las Vegas to Salt Lake city. Add a route on a map with a kml layer. Clicking on a flag and you go straight to the related web document (from Wikipedia).

**Simple map** - Where is Coroico ? How to simply add a google map

**Several maps** - Several maps on a page

**One marker one map** - How to set up a map with only one marker.

Thanks to support Gmaps : <http://www.revo.wangba.fr/index.php?id=96>

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Donations can also be made to encourage fixing for a specific integration problem, or develop new features. In this case don't hesitate to use comments or the contact form, if you need some specific developments.

Thanks for your support and encouragements.

