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**Installation**

The installation procedure is quick and easy!

1. Download

Unzip the downloaded file to your installation. Keep the structure of the zip-file.

NOTE: the file `geo_sitemap.xml` goes to the root directory of your phpwcms installation and needs permissions -> CHMOD 666

If you update from the first version (your module has no 'kml' folder) you must run the SQL from `update.sql` in the `setup` folder in your database (use e.g. phpMyAdmin) first. Then go to step 2.

2. New Installation

Go to module in backend and click the new link *Google Maps*. This will install the module in the database. Usually it's done within a second.

Google Maps Setup

- ✓ Database Table **Points** created
 - ✓ Database Table **Key** created
 - ✓ Database Table **Categories** created
 - ✓ Database Table **Categories** filled with existing categories
 - ✓ Database Table **Language** created
 - ✓ Database Table **Language** filled with initial values
 - ✓ Database Table **Resources** created
 - ✓ Database Table **Resources** filled with initial values
- You have **successfully** installed the module in the database.

✦ Please delete folder **setup** which can be found inside the module folder here:
`/include/inc_module/mod_googlemaps/`

✦ Please CHMOD to 777 the folders:
`/include/inc_module/mod_googlemaps/icons`
`/include/inc_module/mod_googlemaps/kml`

✦ Please don't forget to **PayPal** me! ✦

Successful install notification for V3.0

2. Update

Go to module in backend and click the link *Google Maps*. This will update the database. Usually it's done within a second.

Google Maps Setup

- ⚠ Database Table **Points** already installed
- ✓ Database Table **Points** updated
- ⚠ Database Table **Key** already installed
- ✓ Database Table **Categories** created
- ✓ Database Table **Categories** filled with existing categories
- ✓ Database Table **Language** created
- ✓ Database Table **Language** filled with initial values
- ⚠ Database Table **Resources** already installed

Successful update notification from V2.0 to V3.0

3. Logout**4. Delete setup folder**

Now you have to delete the folder
`include/inc_module/mod_googlemaps/setup`
 with the containing files, otherwise you can't use the module.

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5. Permissions

CHMOD 777 to the folders
 include/inc_module/mod_googlemaps/icons
 include/inc_module/mod_googlemaps/kml

and again
 CHMOD 666 to the file geo_sitemap.xml in your root directory

6. Login

Login to backend and click the link Google Maps in module-section again.

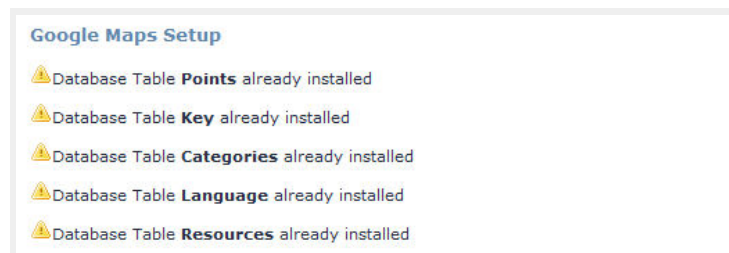
You have now successfully installed the module.



The module backend after successful installation

If you update from the first version you must first change the version number from '2.58' to '2.x' in 'Google Maps Key' tab. Then you must go through all your points and update the markers and add the new features as desired.

Possible Errors



in this case, you installed the database tables already but didn't delete the setup folder yet.



When you get a php warning in the points listing in the module then it's the opposite: you have no setup folder in your installation but didn't already install the database tables. copy the setup folder with the setup file to your server and click the 'Google Maps' link in backend. This will do the installation of the database tables.

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First step - the key!



In order to use the Google Maps Module you need a Google Maps API key.

The Google Maps API lets you embed Google Maps in your own web pages. The API provides a number of utilities for manipulating maps and adding content to the map through a variety of services, allowing you to create robust maps applications on your website.

The Maps API is a free beta service, available for any web site that is free to consumers.

A single Maps API key is valid for a single "directory" on your web server, so if you sign up for the URL <http://www.mygooglemapssite.com/mysite/>, the key you get will be good for all URLs in the <http://www.mygooglemapssite.com/mysite/> directory. See the API documentation for more information.

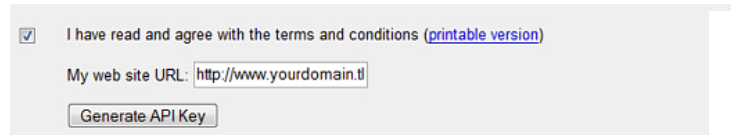
IMPORTANT: you must register the key for your phpwcms root directory in order to activate Google Maps for the backend and the frontend.

You must have a Google Account to get a Maps API key, and your API key will be connected to your Google Account. Don't worry! It's all free and done in a few seconds! Click the Google Maps Key tab in the module.

Click the link for a new Google Maps API key in backend, the website for the registration procedure is opened in a new window (or browser tab).

[Sign Up for the Google Maps API](#) (same link as in backend)

You must agree to the terms and conditions and then enter your URL the key should be valid for.



After click to button *Generate API Key* you will be guided through sign in/register and eventually you'll get the key looking like:



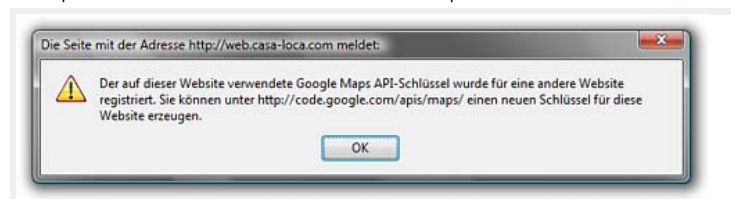
Copy the entire key and save it in the module.

For the **version number** it's best for the moment to keep the 2.x as indicated. The x refers to the latest release, so with '2.x' you can be sure to have always the actual API. Don't worry about this! Google'll announce when the version number should be changed.

DONE!

You are now able to use the module in your website and add your very own, personalized maps!

Without a key or with the wrong key the script shows an error message when you try to edit a point in backend or when someone loads the map in frontend!



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**Listing functions**

In all tabs in backend you'll get an overview of the content according to this section in form of a listing.

The functions for this listings are all more or less the same.



Google Maps

Points Categories Icons Language Key Sitemap Resources

+ new Google Maps point

☒ ☒ ☒ | 10 25 50 100 250 ALL

title	category	icon
-------	----------	------

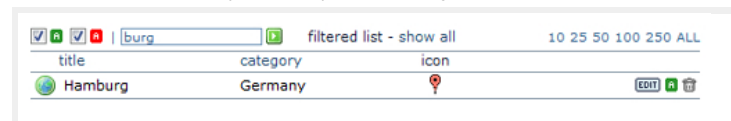
- You can show/hide all active and/or inactive entries in the list.
- You can search for certain entries.
- You can limit the numbers of shown entries in the list.

When not all entries can be displayed in one view a paging function appears in the function row to jump next/back or to a certain page number.



☒ 2 / 5 ☒

When a list is filtered by a search the script shows a hint. Thats, because all filters are session based (you set a filter for a list, then you do other stuff in other sections of the backend and when you come back to the same tab in the google map module the list appears still filtered). Click on 'show all' will always reset all previous settings.



☒ ☒ ☒ | filtered list - show all 10 25 50 100 250 ALL

title	category	icon
Hamburg	Germany	

EDIT ☒ ☒

Some listings can be sorted by columns (e.g. title or category in the points-listing) with a click on the expression in the title row.

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**The Points**

Google Maps

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new Google Maps point

☒ ☒ ☒ ☒ |
10 25 50 100 250 ALL

title	category	icon	
Berlin	Capital+Germany		EDIT A X
Glasgow	England		EDIT A X
Guadalajara	Mexico+Capital		EDIT A X
Köln	Germany		EDIT A X
Le Château-d'Oléon	France		EDIT A X
London	Capital+England		EDIT A X
Mexico DF	Mexico		EDIT A X
Ottawa	Canada+Capital		EDIT A X
Paris	Capital+France		EDIT A X
Toronto	Canada		EDIT A X

The listing shows the title of the point, the category (if a category was added), the icon for this point and the functions to edit, to activate/deactivate and to delete the point.

Google Maps

Points Categories Icons Language Key Sitemap Resources

new Google Maps point

☒ ☒ ☒ ☒ |
10 25 50 100 250 ALL

title	category	icon	
Berlin	Capital+Germany		EDIT A X

Add / edit points with a click on the link/button

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Version 3.0

Find the addresssearch address:

To find a coordinate for a certain address just enter the address in the field and click *go*. The syntax of the address is not so important, best would be:
number street city state/province country
 but most likely you'll find a point with any combination of the values.

If Google Maps finds the point a marker is set and the coordinates are entered in the fields below the map by system.

**Find the exact position**

You can now adjust the coordinates by drag and drop the marker in the map.
New in V3.0 With a click in the map you set a new marker at this point and the coordinates are updated to this point as well.

Zoom in the map if necessary and use the satellite view to find the exact point. You can scroll over the map to zoom in/out.

On each drop or each click in the map the coordinates are updated in the corresponding fields.

Alternatively you can use the Geocoder by clicking the link below the map. The Geocoder opens in a new window (pop up). Find your point by zooming and set the marker to the exact point. Then click the marker to open the Info Window. This will show you the coordinates of this point and it will also write/overwrite the coordinates in the corresponding fields in the cms backend.



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Title and Category

title:	Berlin
latitude:	52.52348
longitude:	13.411494
category:	USA Asia Capital Europe England France Germany

Fill in the title for this point (required).

If you want to add this point to a category choose one or more (CTRK+Click) from the list.
Currently inactive categories are formatted italic.

To manage the categories go to [categories section](#)

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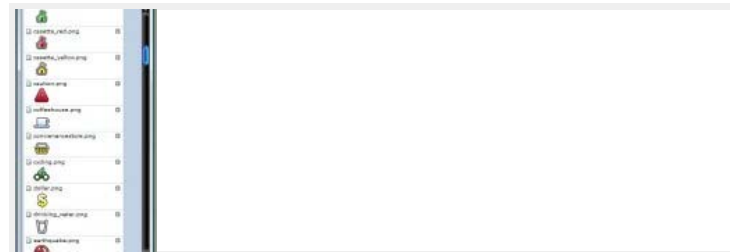
Version 3.0

Marker

marker:  

Choose an icon for the point by click to the folder button. This will open the icon-browser where you can choose your icon.

Click on the + button beneath the icon you like to add. This will write the icon name in the field and you get a preview of the icon with its shadow.

Marker

To manage the icons go to [icons section](#)

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KMLKML: ☒ aktiviert

You can mark the point as a KML point. When checked the script will add the point to a kml-file.

The kml-file is written when you add a map with the current point to your website in the article section of phpwcms ([see the contentpart](#)).

(This means that, for existing maps on your site just mark the point here does not change anything in frontend - you must update the contentpart containing your map(s) in order to get the kml-files updated!)

KML points can be displayed not only in Google Maps but also in Google Earth. You can create a sitemap and submit the URL of this sitemap to Google. This allows you to provide information from your georelated data to Google.

[Example](#)
[More about KML in Google Sitemaps](#)
[More about KML](#)

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Search listing and Info Window

The screenshot displays the 'Search listing and Info Window' interface. It features a 'search listing' section with a WYSIWYG editor and a 'Quellcode' (source code) view. Below this is an 'info window' section, also with a WYSIWYG editor and a 'Quellcode' view. The info window shows a map of Berlin with a red pin and a detailed text description. The text describes Berlin as the capital city and one of sixteen states of Germany, mentioning its population and location.

Add content to the search listing and or to the info window of the point in the WYSIWYG editor.

You can use text, images, tables, links etc.

For use of replacement tags [see here](#).

NOTE! When you use images in the WYSIWYG editor and you want to see these images in the KML content (e.g. in Google Earth) you must write an absolute path to the image. This is not default behavior of fck editor. See the phpwcms forum for more information about fck editor.

The script however should detect relative paths to images and replace them to absolute ones.

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**Maximized Info Window**

Sometimes the info window of the markers in the map does not allow to show all the information you'd like to display.

Therefore Google Maps added a nice way to do this: maximized window. And the Google Maps Module for phpwcms integrates this feature. You can display the content of any of your cms-articles within the marker info window in the map.

structure:
 structure:
 article:

Select a structure from the list (shows the structure-listing from ADMIN-section)

Choose an article from the list (shows all articles in the selected structure from the ARTICLE section) and your info window will automatically be given a maximize button and a (really addictive to watch) maximization animation.

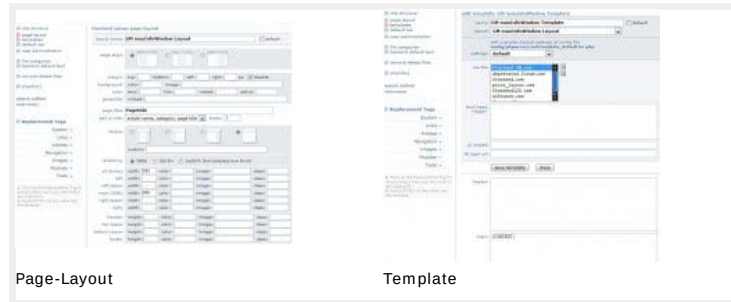
The maximized window is an iframe within the info window in the map. This means you will see a normal phpwcms site in this iframe.

To get best results start with the following tutorial, then go further, it's a cool feature!

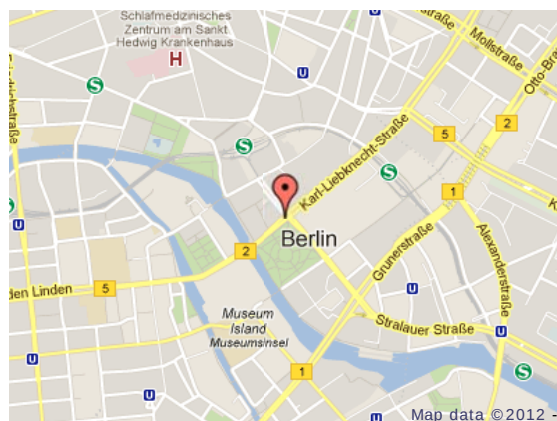
To start:

- 1 add a new page layout, set width for all blocks to e.g. 350px, save
- 2 add a new template, give it the layout you just created, add the standard css or a special one when you like, add {CONTENT} to the main section, save.
- 3 add a new hidden structure and give it the template you just created
- 4 add an article within this structure and add content in content parts. No restrictions here since it will show the content in an iframe
- 5 select the article in the respective marker(s). The article can contain all possible content parts, you can use all replacement tags, especially SHOW_CONTENT is very useful here to get content from other parts of your website.

Note: you can not control the size of the maximized window, it's set by the script according to your map size and according to restrictions Google adds to the container, so don't worry about that.



One major advantage of this feature is that it will not load the content of the full article until the user clicks the maximize icon in the info window.

Example (with YouTube video in the maximized infowindow)

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**The categories****New in Google Maps Module V3.0!**

You can add categories and group them in two levels.
Each Point can then have no/one/several categories.
This makes it easy to set up clean and user friendly maps with lots of markers.

The categories are sorted by name in alphabetical order (Backend and Frontend).



You can change the level of the categories at any time, even if the category has already points attached.

But: You can not make a category a subcategory of something when it itself contains subcategories, the script insists here so it won't be possible to do so.

With the activate/inactivate option you can show/hide entire groups of markers in the map mashup.

A lot of AJAX is involved to make this feature as flexible as possible!

Known Issue:

The appearance of filtered lists may look strange here because it doesn't show necessarily all related title categories. Use filtering in the category section with care.

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**The Icons**

The module comes with over hundred different icons to choose from!
 You can add a different icon to each point in your map.

These icons are provided by Google in maps.google.com as standard Google icons.
 They come all with their own shadow.

But you can upload your own icons as well!

Click *add new icon* and upload your picture/photo/icon to the server. Allowed filetypes are: jpg, gif and png though best results you get with transparent png files.
 You should add a shadow as well for better looking. The shadow files must be png files!
 If you don't have a shadow for your image and you don't know how to make it, [do it online here](#), save the generated shadow-image to your local drive and then upload it with the icon.

You rename the files while uploading them so it's easier to find them later.
 NOTE: Although there are theoretically no limits for the icon size your icons should be something around 35x35px (this is the standard).

Icon Name:
Upgeladete Dateien werden umbenannt in den Icon-Namen (z.B. iconname.png, iconname.shadow.png) Benützen Sie daher keine Sonderzeichen oder Leerräume im Icon Namen!
 Icon Datei:
Erlaubte Dateitypen: *.jpg, *.gif, *.png
 Schatten Datei:
Erlaubte Dateitypen: *.png

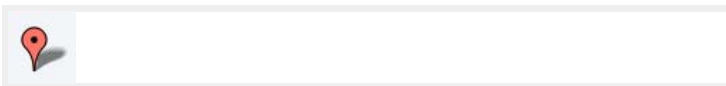
When you add Photos (or non-transparent images) as icons note that the anchor of the icon is set in the middle of the bottom line of the image.

This anchor-point refers to the exact point (coordinate) in the map and is used to anchor the shadow too.



Standard icon is the red google marker with a dot. This icon is used for new points and if,

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for any reason, the script can not find the icon you added to a certain point.

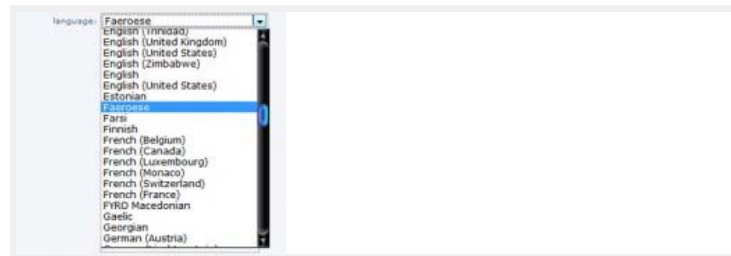
For Internet Explorer 6:
Please note that there could be some problems with the transparency in the backend with IE6 on certain systems.
We tested IE6 and Windows XP, that's OK.
The transparency problem of IE6 does NOT affect the maps in frontend, there everything is OK.

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**Frontend language translation**

In order to provide your frontend users the language **according to their browser settings** the module has it's own translation tool.



Here you can set all expressions for controls that will appear in frontend (mostly in the sidebar or in the info-window) for virtually every language on the planet.

The module comes with 5 languages already installed. English is the default language and can not be deleted, the translation can be changed though.

When you open a new language the fields are filled with the english values, you should then translate each one of them.

The script allows each language only once, for obvious reasons. There will be a warning when you try to add a language twice.

The script will replace empty values with its english equivalent in frontend. Same for inactive languages.

You'll get the corresponding image next to the fields for better understanding where the expression appears in frontend.

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Google Maps

PointsCategoriesIconsLanguageKeySitemapResources?

last change: 01-25-2009 02:19 created: 12-09-2007 00:00

language: English

Info Window

get directions: get directions en

to here: to here

from here: from here

start address: start address

end address: end address

get directions: get directions

get directions

to here • from here

start address

get directions

Category Tab

categories

tab categories: categories

Directions Tab

directions

tab routeplanner: directions

text info: info

listing: listing

directions

text info

listing

print

clear

Search Tab

search

tab search: search

text info: info

listing: searchresult

search map: search map

address: address

distance: distance

search: search

miles/km: ☒ miles ☐ km

no results found: no results found

search

text info

listing

print

clear

search map

address

distance

mi

search

all Tabs

print: print

clear: clear

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KML and Sitemap

Google Maps

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 update sitemap  resubmit sitemap

	in sitemap	filename	description	
	☒	googlemap_3_40.kml	Europe	
	☐	googlemap_4_48.kml	Asia	

New in Google Maps Module V3.0!

You can add/remove your kml files to a geo-sitemap with a few clicks. You don't have to write a single row of xml-code!

Just check the kml-files you'd like to add to your sitemap and click the 'update' link. This overwrites the sitemap with the new settings.
The sitemap lies in your root directory and must be named 'geo-sitemap.xml'.

More infos to kml [see here](#)

Submit your Sitemap to Google

Your Sitemap contains a set of pointers to URLs containing the geolocated data (KML files, KMZ archives, and GeoRSS feeds) for Google to index. Google will crawl your KML files, KMZ archives, and GeoRSS feeds and display information about them to users when they search for information about a certain location or topic.

You can tell Google and other search engines about your Sitemap by including the location of the sitemap in your robots.txt file.
It's recommended that you submit your Sitemap through Google Webmaster Tools account so you can make sure that the Sitemap was processed without any issues, and to get additional statistics about your site.

To submit your Sitemap to Google you must do this only the first time using [Google Webmaster Tools](#)

Once you added the Sitemap with Google Webmaster Tools you can just click the link in the module to resubmit your Sitemap after changes.
Google recommends that you resubmit a Sitemap no more than once per hour.

should you need GeoRSS support please send me a message in the contact form of this site.

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add new resource

Create Icons with terra IMS
terra IMS announces the release of a new mapicon Factory. The new mapicon Factory builds on the company's previous success with its mapicons Dynamic Generator. Create all kinds of icons for your map mashups with an intuitive interface, functionality enhancements, and speed improvements.
EDIT

Google Maps Icon Shadowmaker
Automatically create a shadow for your image.
EDIT

Sign Up for the Google Maps API
The Google Maps API lets you embed Google Maps in your own web pages. You must have a Google Account to get a Maps API key, and your API key will be connected to your Google Account.
EDIT

The official documentation to this module
Here you find all latest news to this module and a full documentation.
EDIT

Should be self explaining.

You can add here links to resources and websites you may need when working with google maps module, such as download sites for icons, documentations, references...

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Open Source Module for phpwcms made by Webrealisierung GmbH released under the GNU General Public License

Version 3.0

The Content Part Google Maps

To add a new map to your website select 'plug-in; Google Maps' from the content types list.

article content – PLUG-IN: GOOGLE MAPS

category	map [ID:4]
article title	googleMaps
content type	plug-in: Google Maps
display	main column (CONTENT)
space	before ☐ after ☐
top link	☐
anchor	☐
sort value	10
content title	Example Map
subtitle	

Nothing new in the first part. These values are the same in every content type of phpwcms.

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Points selection

selection:
(CTRL-click
to select
multiple)

canberra (Australia)	
Perth (Australia)	
Ottawa (Canada)	
Quebec (Canada)	
Toronto (Canada)	
Birmingham (England)	
London (England)	
Manchester (England)	

sort by points sort by categories

Select one or more points from the list.

The list contains all active points from the Google Maps Module section with their category in parenthesis.

You can sort the list by point (default) or by category. Click the links below the list, it uses AJAX so there is no reload of the site!

You can extend the list by clicking on the +/- icons.

When you want more than one point in your map make a multiple selection with CTRL+click.

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Map size and position

map size: width px height px
position:

Enter the width and height for your map. This is the total size the map will get in frontend.
Set this according to your page layout and the content within the map.
Don't worry you can change this at any time if it does not fit in frontend.

Select the position of the map in relation to the title or subtitle and the left/middle/right arrangement.

You can align the map within the text block (left or right) as well, just like images. Note that the text-contentpart must then be placed below/after the google-map-contentpart!

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Info window and routeplanner

info window: ☒ info window width px

marker: ☒ show marker NOTE: without marker no info window!

Define whether the info window(s) should appear in the map and the width they'll have.

Activate/Deactivate the markers in the map.
Note that info windows can only be activated with visible markers.

When you deactivate the markers, the map is still displayed with all other settings.
This can be just what you want when you want to show an empty map on your website
with just the search-bar to provide your visitors the Google Maps local search function. The
selected point will then be the initial point for the map (e.g. your address).

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phpwcms  module

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Version 3.0

Google Maps

Sidebar

New in Google Maps Module V3.0!

The Frontend-Functions for categorization, route planner and search are now placed in tabs within a sidebar.

According to your settings in the content part the script displays the sidebar with its tabs in frontend.

Note: the tabs require java script, but so does google maps - so without javascript neither the map nor the tabs are shown.



categories | directions | search

info text in tab categories

- ☒ Europe
- ☒ England
- ☒ Germany

Note the button 'sidebar' underneath the map type buttons. With this button you can toggle the visibility of the sidebar. The map extends to the full width.

Sidebar position

In addition to the position of the map you can place the sidebar either to the left, to the right, at the bottom of the map or in a separate replacement tag.

Note: only with the reptag option the sidebar can be split from the map, in all other options the sidebar and the map are stacked together.

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Sidebar appearance

As soon as you activate one or more tab(s) in the content part the sidebar appears in front with the corresponding tabs in it.

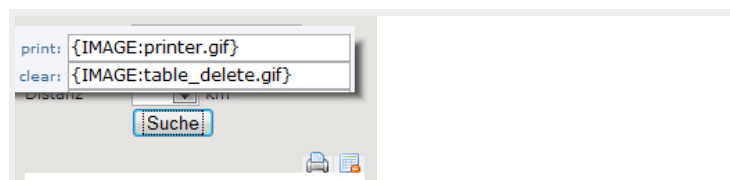
Sidebar width should be at least 250px to display the directions result listing properly.

Within the map you'll see a new button 'sidebar'; you can hide the sidebar and extend the map to fullsize (map and sidebar).

Labels in the sidebar

All labels in the sidebar depend on the browser language. You can set this labels in the backend in [language section](#).

A cool feature could be to replace the expressions with images. Just use normal replacement tags as you know it from phpwcms.



CSS Definitions

see in: template/css/gm_sidebar.css

Below you can see the entire structure of the sidebar. You can expand it / in parts to find the level you like to know about.

The example uses the contentpart-ID 27

[Expand All](#) | [Collapse All](#)

```
<div class="gm-main-container">
  <div id="mapDIV27" class="GM_DivContainer"></div>
  <div id="gm-sidebar27" class="gm_sidebar">
    <div id="gmstab-container-27" class="gmstab-container">
      <div id="gmnav-container-27" class="gmnav-container" style="height:40px;">
```



```
<ul id="gmtab-container-27-nav" class="gmtab-container-nav">
  <li><a href="#">Category</a></li>
  <li><a href="#">Directions</a></li>
  <li><a href="#">Search</a></li>
</ul>
<div class="gmnav-filler"></div>
</div>
<div id="gmtab-content-container-27" class="gmtab-content-container">
  <div class="gmtab-27 gmtab gmtab1-content-container" id="tab1-27"
  style="height:360px;overflow:auto;">
    <div class="gmtab-txt"></div>
    <div class="gmtab-categories">
      <form name="myform27" action="" method="post">
        <input type="checkbox" />
        <label>Main Cat 1</label>
        <br />
        <span class="spaceBeforeInput"></span>
        <input type="checkbox" />
        <label>Sub Cat 1.1</label>
      </form>
    </div>
  </div>
  <div class="gmtab-27 gmtab" id="tab2-27">
    <div id="gmnav2-container-27" class="gmnav-sub-container"
    style="height:30px;">
      <ul id="tab2-27-nav" class="gmnav-sub-ul">
        <li><a href="#">Info Text</a></li>
        <li><a href="#">Directions</a></li>
        <li><a href="#">Print</a></li>
        <li><a href="#">Clear</a></li>
      </ul>
      <div class="gmnav-sub-filler"></div>
    </div>
    <div style="clear:both;"></div>
    <div class="gmtab2-content-container" id="gmtab2-content-
    container-27">
      <div class="gmtab2-27" id="gmtab2-txt-27">
        <div class="gmtab-txt"></div>
      </div>
      <div class="gmtab2-27" id="gmtab2-list-27">
        <div class="gmtab-results-directions" id="gmdirections27"
        style="overflow:auto;">
          <div class="googledir">
            <div>
              <table>
                <tr>
                  <td></td>
                  <td>Berlin, Deutschland</td>
                </tr>
              </table>
            <div>
              <div>16,8 km (ca. 29 Minuten)</div>
              <table>
                <tr>
                  <td><a>1</a></td>
                  <td><b>Nordost</b> Richtung
                    <b>Alexanderplatz</b></td>
                  <td>88 m</td>
                </tr>
                <tr>
                  <td>...</td>
                </tr>
              </table>
            </div>
          </div>
          <div>
            <table>
              <tr>
                <td></td>
                <td>Seelenbinderstraße</td>
              </tr>
            </table>
          </div>
          <div>Kartendaten ©2009 Tele Atlas</div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
</div>
</div>
</div>
</div>
</div>
<div class="gmtab-27 gmtab" id="tab3-27" style="height:360px;">
  <div id="gmnav3-container-27" class="gmnav-sub-container"
  style="height:30px;">
    <ul id="tab3-27-nav" class="gmnav-sub-ul">
      <li><a href="#">Info Text</a></li>
      <li><a href="#">Searchresult</a></li>
      <li><a href="#">Print</a></li>
      <li><a href="#">Clear</a></li>
    </ul>
    <div class="gmnav-sub-filler"></div>
  </div>
  <div style="clear:both;"></div>
  <div class="gmtab3-content-container" id="gmtab3-content-
  container-27">
    <div class="gmtab3-27" id="gmtab3-txt-27" style="height:320px;
    overflow:auto;"> <div class="gmtab-txt" </div>
    <div class="gmtab3-27" id="gmtab3-list-27">
      <div class="gmtab-search" id="tabform3-27">
        <table width="" border="0" cellspacing="0" cellpadding="0">
          <tr>
            <td class="gmsearchLabel">Search for</td>
            <td class="gmsearchInput"> <input type="text"
            id="txtInput27" /></td>
          </tr>
          <tr>
            <td class="gmsearchLabel">Address </td>
            <td class="gmsearchInput"> <input type="text"
            id="addressInput27" /></td>
          </tr>
          <tr>
            <td class="gmsearchLabel">Distance </td>
            <td class="gmsearchSelect">
              <select id="radiusSelect27">
                <option value="0"> </option>
                <option value="100">100</option>
                <option value="200">200</option>
                <option value="400">400</option>
              </select>
            </td>
          </tr>
          <tr>
            <td></td> <td class="gmsearchButton"> <input
            type="button" value="Suchen" /></td>
          </tr>
        </table>
      </div>
      <div id="gmsearch-result-27" class="gmtab-results-search"
      style="overflow:auto;">
        <div class="gmsearchDefault"></div>
        <div class="gmsearchDefault"></div>
        <div class="gmsearchDefault"></div>
        ...
      </div>
    </div>
    <div class="gmtab3-27" id="gmtab3-prnt-27" style="">
      <div class="gmtab-prnt" id="gmPrint" style="display:none;"></div>
    </div>
  </div>
</div>
</div>
</div>
</div>
</div>
```

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**Categories**

☒ categorize

text `[b]Lorem ipsum[/b][BR]dolor sit amet consectetur`

category initially checked: all

- all
- none
- Canada
- England
- Germany

With the module it's pretty easy to create a map that has groups of markers that are toggled by checkboxes in the sidebar.

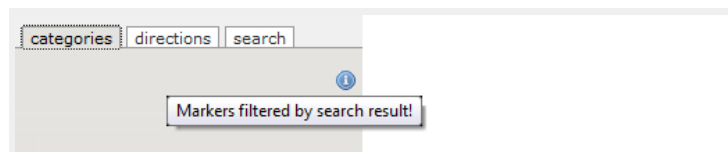
Add categories to your points in backend ([how to](#)) and activate the tab 'categorize'. That's all you need to do to get the following result.



If you want just one category (or none) preselected you can tell the script by select the category.

Note: this is an AJAX feeded field - only categories assigned to the selected points will appear in the list. You'll get a warning when you try to select a hidden category (because hidden categories are NOT displayed in frontend).

The text field takes text only (but you can use custom replacement tags) and will be displayed on top in the tab.

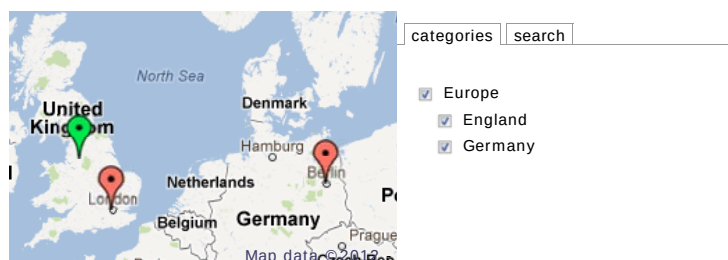


In the Google Maps Module, the categorization and the search function work together. When you execute a search in the search tab which returns a result, the script hides all other markers. When you click the category-tab while a searchresult is listed you'll see a small info-icon within the category tab. On mouseover it shows an info text with the hint that the markers are filtered by the searchresult and therefore not all markers are visible.

But it goes even further! from the remaining markers (filtered by a search result) you can switch off/on categories to restrict your search - this affects the search result listing in the search tab!

Example

We have a map with 3 points in 2 categories. Go to the search tab and execute a search for 'capital'. The marker 'Manchester' disappears because it's not part of the searchresult. Go back to the category tab. You'll see now the info icon described above. Now, unmark the category 'germany' - the Berlin marker disappears. Go back to the search tab and you'll see, that Berlin disappeared from the search-listing as well.



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Directions / Routeplanner

☒ routeplanner

text

[EXT http://www.google.com]Lorem ipsum
 dolor sit amet consectetur

With the module it's easy to let your users do route planning to/from the points in your map.

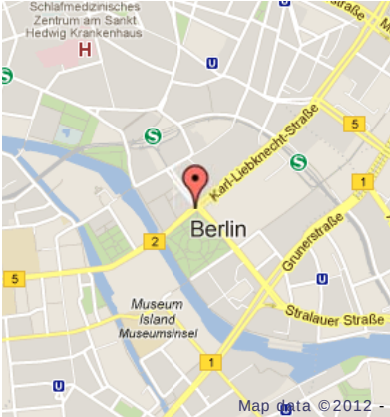
Just click 'routeplanner' in backend to activate the tab.

The tab appears empty until a planning request should be displayed.

Each Info Window gets an additional line at the bottom to select either you want the directions to or from that point.

Once clicked the Info Window changes and you can enter your address. With a click on the button the script sends a request to Google and displays the result in the tab.

Try it yourself:



directions

text info

Lorem ipsum
 dolor sit amet consectetur

Several cool things happen now:

- if the directions-tab is not active the script changes the active tab
- the script detects the available space for the result list
- if necessary it sets the scrollbar(s)

Print the list (sorry, only the list here).

Click on 'clear' to erase the list and the route in the map.

If you still prefer to send your users to the Google Maps website in a new window/tab you can do so by activate the option, but then you have to deactivate the routeplanner tab.

☐ directions within Google Maps (only if routeplanner tab is disabled)

Search

☒ search

text

{DATE_MEDIUM} [BR] [u]Lorem ipsum[/u]
 dolor sit amet consectetur

☒ text search

include

☒ title
 ☒ info window
 ☒ searchlisting

☒ location search

☒ within a distance of

100
 200
 300

numbers only divided by line break
 the unit (km or mi) is added by system
 depending on browser language

☒ start with all markers hidden

only when no categories in frontend, else the category tab defines which markers are initially hidden

With the module it's easy to let your users search the content of the points in your map.

Just enable 'search' in backend to activate the tab.

The tab shows a form to enter the searchwords.

You can individually activate the fields.

Text Search - search the content of the points as entered in backend and display the point if any matches are found. You can restrict the search to any combination of title/info window/searchlisting

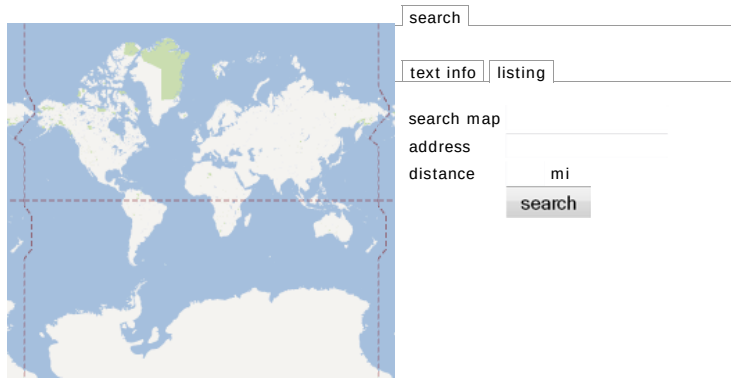
Location Search - search for a point at this location (1km or mile distance from the address) and display the point if any matches are found

within a distance of - give the location search a greater radius (miles or kilometers depending of users browser language)

Note: this internal search function searches only the points of the module! It does not

search the Google-database! Therefore use the search bar.

Try it yourself (search for 'capital' to get both results):

The screenshot shows a web interface for searching locations. On the left is a world map with a red dashed line indicating the equator. To the right of the map is a search bar with a 'search' button. Below the search bar are two tabs: 'text info' and 'listing'. The 'listing' tab is selected. Below the tabs are three input fields labeled 'search map', 'address', and 'distance'. The 'distance' field has a dropdown menu showing 'mi'. At the bottom right of the input fields is a 'search' button.

search

text info listing

search map
address
distance mi
search

The result list appears in the tab, the same dimension stuff as in directions-tab happens here.

The text for the search listing comes from the [points definition in backend](#). It's wysiwyg html so you can add virtually everything even you-tube videos (search for 'london').

Note: empty fields are not taken in account for the search. But you can search for text AND within the range of a certain address when both/all fields have values.

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**Initial map type and zoom level**

Click on the type your map should have on load.

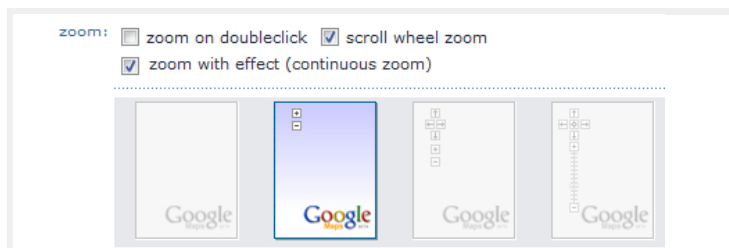
New in Google Maps Module V3.0 is the Google Earth Plugin!

The Google Maps API now allows developers to manipulate an instance of Google Earth (provided via a separate install of a Google Earth Plug-in) within their Maps API applications. The Google Earth map layer is shown via a separate GMapType that looks and behaves like the standalone Google Earth application, allowing you to rotate perspectives, see elevations, and view Google Earth KML information within the browser.

[for More infos](#)

Set the initial zoom level for your map from 1(furthest) to 18(nearest), default value is 14.

Note that this value is ignored by the script when you select more than one point. In this case the onload zoom level is set by the script depending on the distance between the points.

Zoom control

Here you can set your preferred zoom controls for the map.

You can select any combination you like, but not any may make sense!
Especially a combination of doubleclick and scroller may confuse the user!

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Map controls

controls:

Map ☒	Satellite ☒	Hybrid ☐	Terrain ☐	Earth ☐
---	---	---------------------------------	----------------------------------	--------------------------------

the button for the initial type setting above appears in the map, regardless of the settings here

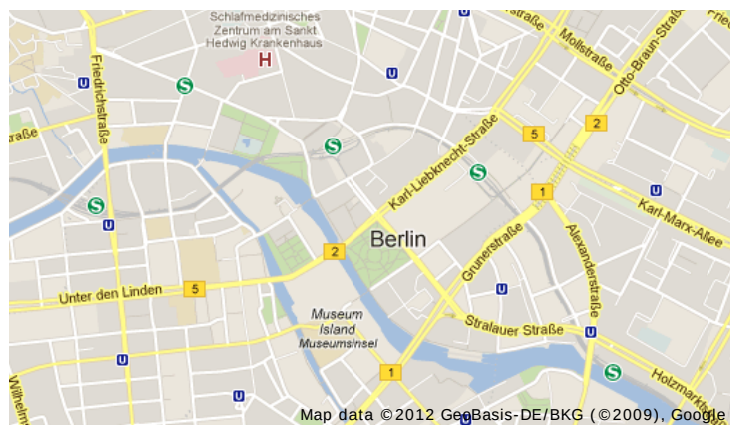
Select the buttons you'd like to show on the map.

As indicated, the button for the initial map type is shown in the map even if it's here not checked.

Panoramio

New in Google Maps Module V3.0!


 No. of pictures (max. 100)
 Panoramio user ID this will show only pictures from this panoramio member
☒ activate by button ☐ activate automatically



Either by click on a button or started automatically you can display a certain number (max 100) of panoramio pictures on your map.

If you have a panoramio account or you know an user id you can restrict the pictures to that user.

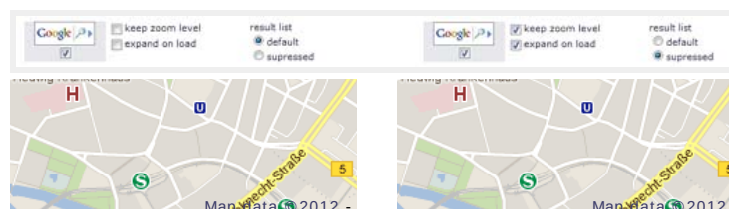
GoogleBar!


☐ keep zoom level ☒ expand on load

 result list
☒ default
☐ suppressed

The LocalSearch control makes it easy for you to add local (business) search functionality to your maps. **It's a powerful feature!**
 Actually it's just one click!

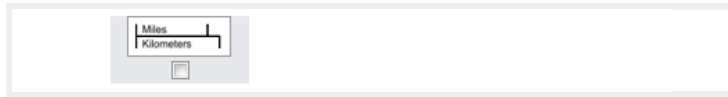
On default, the script shows a point you searched with a zoom level of about 15 or 16 - very close in other words.
 When you check 'keep zoom level' the script will just do that! The user can then zoom in or out as he wishes not as the script wants to!
 The Google Bar appears in the lower left corner of your map.
 You can tell it to expand on load, this will display the input field for the search expression from the beginning, but needs more space of course!



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A suppressed result list will not display the search results in the map but show arrows to walk through all entries.

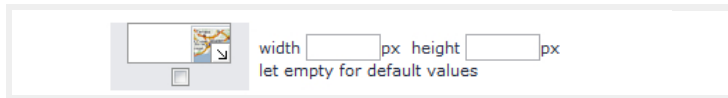
Scale control



Not much to say about this!

Only one thing: it interferes with the Google Bar. The Google Bar is placed above the scale control in certain maps. But I'm sure the guys from Google Maps will fix that soon.

Overview map



With the overview map control you display an attractive and collapsible map in the (lower right) corner of the map.

You can even set the dimensions of the overview map if you like. Let it empty for default values!



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KML files

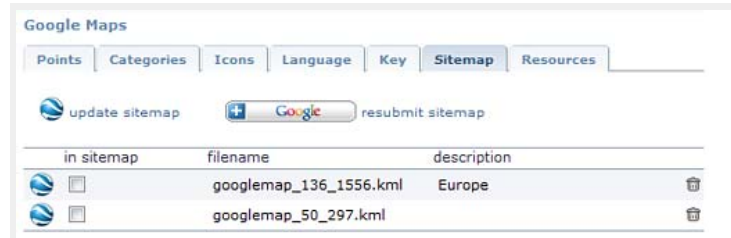
☐ KML: ☒ write KML file for this map short description
 include/inc_module/mod_googlemaps/kml/googlemap_136_1556.kml

Writes a kml-file (xml) containing all your selected kml-points.
 Note: in case none of your selected points is a kml-point the kml file will not be created!

KML points can be displayed not only in Google Maps but also in Google Earth. You can create sitemaps and submit the URL of this sitemap to Google.

New in Google Maps Module V3.0

In backend you find a tab 'sitemap' which lists all your kml files.
 By just mark them you can add the kml files to a special sitemap with your websites geo-related content.



When you update the content part with your google map and the kml-option is marked then the script writes (overwrites in future updates of the cp) a kml file to your kml folder in the module
 include/inc_module/mod_googlemaps/kml/ (remember - this folder requires CHMOD permissions 777)

When the file exists the path-description becomes a link you can click in order to get a preview of your kml content in Google Earth (of course Google Earth needs to be installed on your computer).

In Google Earth you get all your Content from within your Google Maps Module such as:

- the title of the file (short description)
- the title of the points
- teaser text from your info window content
- the full content of your info window with pictures and stuff
- the special marker-icons you added to the points



[More about KML](#)
[More about KML in Google Sitemaps](#)

You can even include a kml file in your Google Map on your website.
 This is especially useful when you have kml's created in Google Earth (with polylines and such stuff).

Therefore you need to open a new contentpart Google Maps Module in Backend and set the map-settings as required, but without points (add at least one and don't display the markers if you want to center the map on a certain point with a certain zoom level).

Then add the following code to the 'additional API script' field:

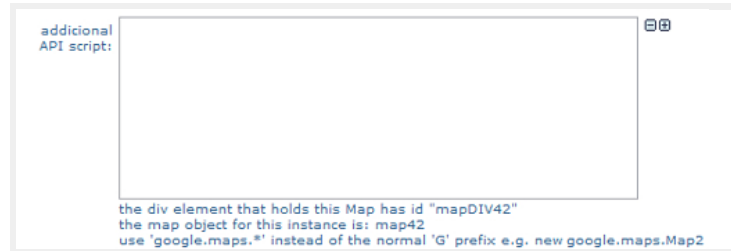
```
geoXml = new GGeoXml("http://www.yourdomain.com/path to your kml file");
map[cp-id].addOverlay(geoXml);
```

replace the path to the file and replace [cp-id] with the id-number of the current content part, it is shown right below the input field in backend

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**Additional API script**

Finally, if you need more, you can add here script code to the map.
 Each map created by the module will have a unique map object containing the ID number of the current content part.
 You must use this ID when adding own code to the object.
 Same for the div-container that holds the map.

I will write a tutorial for additional API script code later.

How does it work?

The module adds most javascript to the head section of the html output.
 Near the end of the body, when all necessary html is written the initial function to add the map to the body html is called

```
google.setOnLoadCallback(initMap27);
```

The module uses the *Google AJAX-API-Loader*
 This function loads the map with all settings and selected markers.

The loading function first checks if the browser is fit for Google Maps, then looks for the div container to place the map in and then loads the content to the map object: map[CP-ID]

The CP-ID is required to make everything unique because you could have more than one map on one site.

It looks like this:

```
var map27 = null;
function initMap27() {
    ... load special Google Code if necessary ...

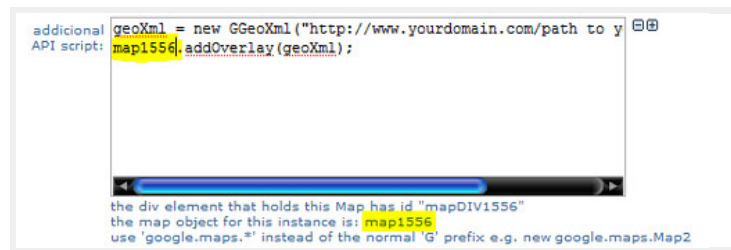
    if (GBrowserIsCompatible()) {
        var mapObj = document.getElementById("mapDIV27");
        if (mapObj != "undefined" && mapObj != null) {
            map27 = new google.maps.Map2(document.getElementById("mapDIV27"));
            ... map declarations ...
            ... markers ...

            additional javascript
        }
    } else {
        alert("Browser not compatibel to Google Maps.");
    }
}
```

You see, that the additional javascript code is added within the loading function to have access to the map[CP-ID]-object.
 In most cases this will be what you want - add some stuff to the map.

When you want/need to add new functions to the code either do it as nested function (a closure) or in a separate contentpart after the google map content part.

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This feature is extremely helpful to add polygons or other overlays to the map!