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# Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/07/10 09:26

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Hi

After some hours of looking around and testing I finally got Google maps to work as it should, with centering and everything...

To do this I did the following:

1. Download the GoogleMaps api as previously suggested in this forum. I called this file "GMapAPI.class.new.php".
2. In estateagent.php change the following

```
// $gmap = new GoogleMapAPI('map');
// $gmap->setAPIKey($sea_gmap_key);
// $gmap->setWidth($sea_gmap_width);
// $gmap->setHeight($sea_gmap_height);
// $gmap->setMapType($sea_gmap_type);
// // string $address the map address to mark (street/city/state/zip)
// $gmap->addMarkerByAddress($address,"GMap Test","GMap Description");
```

to:

```
//NOTE! Depending on where you live this will be different! This works for sweden, figure out how your country has it!
$address = "$obj->street $obj->streetnr $obj->pcoce $obj->town $obj->country";
```

```
require($mosConfig_absolute_path."/components/com_estateagent/includes/GMapAPI.class.new.php");
$gmap = new GoogleMapAPI('map');
$gmap->setAPIKey($sea_gmap_key);
$gmap->setWidth($sea_gmap_width);
$gmap->setHeight($sea_gmap_height);
$gmap->setMapType($sea_gmap_type);
//string $address the map address to mark (street/city/state/zip)
$gmap->addMarkerByAddress($address, "<strong>Go here</strong><br>now!!");
//$gmap->setCenterCoords($lat,$lon);
$VDloc1=17.618550;
$VDloc2=59.855620;
$gmap->setCenterCoords($VDloc1,$VDloc2);
```

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The coordinates above was used in phase 1 of my attempts. they will not be used if you have a real location so you can leave them untouched, or you can edit them if you want to.

IF you want the map to center on a different location than your centerpoint you NEED to do the following:

Find

```
if(isset($this->center_lat) && isset($this->center_lon)) {
    $_output .= sprintf('map.setCenter(new GLatLng(%s, %s), %s, %s);', $this->center_lat, $this->center_lon, $this->zoom, $this->map_type) . "\n";
}
```

in the GMaps....new.php file and put

```
$this->center_lat = number_format($this->center_lat, 6, '.', '');
$this->center_lon = number_format($this->center_lon, 6, '.', '');
```

right in front of it. This will change the way numbers are displayed (there was a problem with "," and ".").

IF you have a REAL position, so that you get a marker you should ALSO comment out the command, like

```
if(isset($this->center_lat) && isset($this->center_lon)) {
//    $_output .= sprintf('map.setCenter(new GLatLng(%s, %s), %s, %s);', $this->center_lat, $this->center_lon, $this->zoom, $this->map_type) . "\n";
```

```
}
```

IF you commented it out you need to put it back in, go to:

```
if(isset($this->center_lat) && isset($this->center_lon)) {
    $_output .= sprintf('map.setCenter(new GLatLng(%s, %s), %s, %s);', $this->center_lat, $this->center_lon, $this->zoom,
    $this->map_type) . "\n";
}
```

and replace it with

```
if(isset($this->center_lat) && isset($this->center_lon)) {
//    $_output .= sprintf('map.setCenter(new GLatLng(%s, %s), %s, %s);', $this->center_lat, $this->center_lon, $this->zoom,
    $this->map_type) . "\n";
    $_output .= sprintf('map.setCenter(new GLatLng(%s, %s), %s, %s);', $_marker, $_marker, $this->zoom, $this->
    >map_type) . "\n";
}
```

there, now it should work. It seems to work here at least. One important thing is to get the address format correct.

I am sorry if this guide is difficult to follow, but I have a deadline and if I do not type it now I will never do it...

I hope I didn't miss anything, if you cannot get it working let me know and I will see if I missed something...

It is atleast working at [www.v-dala.se](http://www.v-dala.se) :)

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EDIT 5 minutes later:

This is using ME 1.1.0 and version 2.3 of GoogleMapAPI. you can find that here <http://www.phpinsider.com/php/code/GoogleMapAPI/>

I get an error, so I hunted it down, you (might?) need to find

```
if($this->sidebar) {
    $_output .= sprintf('document.getElementById("%s").innerHTML = "<ul class=\\"gmapSidebar\\">" + sidebar_html
+ "</ul>";', $this->sidebar_id) . "\n";
}
```

and replace it with

```
if($this->sidebar) {
//    $_output .= sprintf('document.getElementById("%s").innerHTML = "<ul class=\\"gmapSidebar\\">" + sidebar_html
+ "</ul>";', $this->sidebar_id) . "\n";
    $_output .= "\n";
}
```

For me this does no difference except that I get no errors, I do not know how this will affect things in general...

Cheers

Johan

Post edited by: JohanSoderstrom, at: 2007/07/10 09:38

Edit again...

There is a problem here in the forum with displaying backslash... There are backslashes in front of some "n"s.... you will figure it out :)

Post edited by: JohanSoderstrom, at: 2007/07/11 08:56

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by admin - 2007/07/11 03:46

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Hi Johan,

thanks for your contribution. Such moments enhance my motivation, because it's nice to see, that there are users out there which give something back and help to revise and improve MisterEstate!

I'm currently very busy with moving to my "new" apartment and a lot of other work. When I find a little free time, I'm going to establish something like a "howto & hacks corner" and move your posting there.

Post edited by: admin, at: 2007/07/11 03:48

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by eGulp - 2007/07/17 11:15

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Cannot see any "demo" on link you posted because seem no post in there.

So I write to ask if the Google map integration include the road indications pre installed, so when I look where is the house I can and have just to input where I start and have back instructions to arrive to the house; Do you have included it ?

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/07/17 12:21

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As this is a live website there is only offerings there when we have them, but trust me - it works.

In the version I have there are no "how to get there" instructions (well, there is, sort of...) - but the API has a sidebar included, so hacking the files to include this function would not be so difficult.

To get the driving instructions you can click a how to get there link and a full Google maps will open up, in my theme driving instructions will not fit in, and as all locations are in the same city it was not needed...

Again, I am confident that you can include this function with a few hours of hacking the API...

Cheers

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by abray - 2007/07/29 19:03

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You say, "download GMapAPI.class.new.php" but where is this file located in the Download area? I cannot find it to download. Thanks.

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/08/01 15:43

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It is not available in the download area of this website. There was a discussion in this forum about it..

You can find the API at <http://www.phpinsider.com/php/code/GoogleMapAPI/>

note that there might be a new version out, I do not know...

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Cheers

Johan

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/08/09 12:48

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I contacted the developers of GoogleMapsAPI and some of these changes (if not all?) are already in the CVS of the new version of the API - so if you use this guide... Note that this is done using version 2.3 of the API...

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by PHiAX - 2007/08/09 19:56

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Many thanks!

The map shows up now!

However, it shows a city in sweden now, not my object.

I didn't change the adress format so that might be it.

However, where can i find the right format?

Or is it because the GMapApi is now V2.4?(EDIT: tried with 2.3 no change, so that's not it)

Or am i missing something else?

Post edited by: PHiAX, at: 2007/08/09 21:08

Post edited by: PHiAX, at: 2007/08/09 21:09

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by DavidAndrew1 - 2007/08/09 21:18

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Yes, I used API version 2.4 and the correct maps went from 80% to 90%.

Then I checked the zip codes (postcode in dutch) and corrected these, and now 100% shows.

So also, check your adressss!

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by PHiAX - 2007/08/09 21:25

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Nevermind... i feel like a total fool now...

:P

Forgot the comment out:

```
$VDloc1=17.618550;
```

```
$VDloc2=59.855620;
```

```
$gmap->setCenterCoords($VDloc1,$VDloc2);
```

:silly:

Post edited by: PHiAX, at: 2007/08/09 21:36

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/08/10 09:05

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Good note to whomever tries to do this in the future... Commenting out those lines might help :P

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by BlueEagle - 2007/08/14 12:37

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hi there,  
i have done what you say in this topic but the page dont work i cant open a page of a object because it is just white nothing shows up cause of the maps. Can some one publish the edited files here?

many thanks

PS: sorry about the new topic i created i picked the wrong button :pinch:

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/08/14 12:49

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did you make sure to put a backslash in front of some n's? are you using versin 2.3 of the API? Are you using the correct "theme" selected from within ME? Only one of the two supports Google Maps

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by BlueEagle - 2007/08/14 13:00

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i made everything like said here :(  
the theme should be god because with the original files it work, the problem is just in the Internet Explorer it dont loads tha map good.:dry:

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by TonyBroker - 2007/08/14 22:08

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I had the same problems. But I've got it almost running now. I used the 2.4 API and edited the estateagent.php like below

```
// $gmap = new GoogleMapAPI('map');  
// $gmap->setAPIKey($sea_gmap_key);  
// $gmap->setWidth($sea_gmap_width);  
// $gmap->setHeight($sea_gmap_height);  
// $gmap->setMapType($sea_gmap_type);  
// // string $address the map address to mark (street/city/state/zip)  
// $gmap->addMarkerByAddress($address,"GMap Test","GMap Description");
```

to:

```
//NOTE! Depending on where you live this will be different! This works for sweden, figure out how your country has it!  
$address = "$obj->street $obj->streetnr $obj->pcoce $obj->town $obj->country";
```

```
require($mosConfig_absolute_path."/components/com_estateagent/includes/GMapAPI.class.new.php");
```

```
$gmap = new GoogleMapAPI('map');
$gmap->setAPIKey($ea_gmap_key);
$gmap->setWidth($ea_gmap_width);
$gmap->setHeight($ea_gmap_height);
$gmap->setMapType($ea_gmap_type);
//string $address the map address to mark (street/city/state/zip)
$gmap->addMarkerByAddress($address, "<strong>Go here</strong><br>now!!");
//$gmap->setCenterCoords($lat,$lon);
$VDloc1=17.618550;
$VDloc2=59.855620;
$gmap->setCenterCoords($VDloc1,$VDloc2);
```

I edited the coordinates.

So far so good. At least at this stage I have a map and a marker. But when I try to put in the next code as in the beginning of this thread the map goes blank. So the marker isnt centered in the map. I have to be close now. Anyone willing to help me out here?

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by JohanSoderstrom - 2007/08/15 08:39

tell me where to upload/email it and I will...

Note that there might be some other changes not related to Google Maps in these files as well...

I can probably mark out the changes for the Google Maps and give them to the admin of ME - if he is around and reading this - so it can be made for public download...

~Johan

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by eGulp - 2007/08/16 12:01

Sorry, but I don't understand why simply don't integrate this plugin

[http://extensions.joomla.org/component/option,com\\_mtree/task,viewlink/link\\_id,1147/Itemid,35/](http://extensions.joomla.org/component/option,com_mtree/task,viewlink/link_id,1147/Itemid,35/) having it to work with ME ? :blink:

I think is better for ME to concentrate efforts on component and integrate all features as plugins, better if using plugins yet available ...

Are you agree !?!

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by BlueEagle - 2007/08/20 09:45

hi, you can email it to blueeagle.mail@gmail.com

thank you :kiss:

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by assos\_gr - 2008/03/24 04:12

Hi there!

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Is any updated GMapAPI.class.php available to download and correct the issue? (or any zipped patch file)

I have an idea to add coordinates to every property or object so the map knows where to go and custom pins so the map will know what to show.

Maybe someone else had the same idea, is there any?

Thanks for any help and BTW great component, congrats to the author, thumbz-up!

EDIT: forgot to say that GoogleMaps is a must-have, Map24 is not so great but occasionally it works.

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by sheray - 2008/05/09 18:28

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Hi

Any solution to above ?

for me maps are still not working still showing grey.

Any update to add lat log for the property.

Please help.

if any body can send the patch files.

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## Re:Hacking ME to get google maps to work (100% ??)

Posted by sheray - 2008/05/09 20:13

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Hmmm

i think i know why is it happening. Its not support for uae dubai. i tried to put other country like paris or so it works.

Any help how to get it working for other countries ?

=====

## Re:Hacking ME to get google maps to work (100% ??)

Posted by sheray - 2008/05/10 07:45

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Hi All

Finally got it to work.

Google map does not work with all the countries. it has only few supported ones.

First check if component is working on not. Try putting some location in Paris or somewhere else just to confirm if it's working on not.

if it's working and your location is not working then follow following steps.

1) You have already updated the googlemap component.

You can download always the newest API version at:

[www.phpinsider.com/php/code/GoogleMapAPI/](http://www.phpinsider.com/php/code/GoogleMapAPI/)

2) You need to make sure you have extended template for misterestate. Its option in given some where in configuration in admin

Control panel for misteresate.

3) you need to edit the estateagent.php with following. Make sure you keep the backup of the file. And also use the phpeditor to edit it.

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step 1

//find the following line and disable it or remove it.

```
$gmap->addMarkerByAddress($address,"GMap Test","GMap Description");
```

step 2

//add the following lines.

QUOTE:

```
$geostuff = "$obj->district";
```

```
$gmap->addMarkerByAddress($geostuff , "This is a title", "xxx");
```

step 3

now you need to add the go coordinates for your location. use Google earth or maps to find exact coordinates you need.

And add the same in district. Example 25.079885,55.140252

I really wish this option was built into misteresate. i have not created this tweak. After looking very hard into the forms i was finally able to get this thing working. Cheers to team. Great product.

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