



ReviewsForJoomla.com

GeoMaps Add-on For JReviews

Proximity Search and Mapping Solution

GEOMAPS ADD-ON FOR JREVIEWS

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OVERVIEW

The GeoMaps add-on incorporates two distinct and powerful functionalities into JReviews: **Proximity search** and **Mapping**

PROXIMITY SEARCH

This functionality enables your site's users to type in partial or full addresses to find nearby locations stored in the JReviews database. The add-on takes advantage of the JReviews Advanced Search module for complex custom searches that can use both the address and custom fields. You don't need to have the longitude and latitude for each business because GeoMaps comes with a bulk Geocoding functionality that easily converts listings' physical addresses to coordinates, processing thousands of listings in a short time. It also enables your site's users to geocode an address when submitting new listings and even fine-tune the location by dragging the marker on the map.

MAPPING

Once a listing's address has been geocoded it's possible to show its location on a map. The GeoMaps add-on allows you to display a map with markers for your listings in category pages, search results and detail view. A GeoMaps module is also included with the add-on to display marker locations on a map. The add-on has a lot of customization features for the map so you can have different markers for different types of businesses and toggle many of the features available with the Google Maps API including Street Views and Directions.

Google has introduced usage limits for the display of maps taking place in early 2012. You get 25,000 free map loads per day. You can create a Google API Console account to start tracking your API usage. More information can be found here: <http://googlegeodevelopers.blogspot.com/2011/11/understanding-how-maps-api-usage-limits.html>. GeoMaps still uses the Google Maps API v2 and we will work as soon as possible on upgrading it to v3.


A NOTE ON GEOCODING

Geocoding is the process of converting a physical address to its coordinate equivalent (latitude/longitude). To perform this task GeoMaps uses the Google Maps API geocoding service, which has a limit of 2,500 free geocoding transactions per day per IP Address. More information here <http://code.google.com/apis/maps/documentation/geocoding/#Limits>

Geocoding calls to the API are made during bulk geocoding, use of the add-on's **Map It** feature and also whenever an address search is performed because the address needs to be converted to coordinates first in order to find nearby points.

INSTALLATION


There isn't a download package for the add-on, instead it is installed via the JReviews Installer/Updater menu under the Maintenance header in the JReviews administration. To install or update the add-on you must have (1) previously purchased it, and (2) your JReviews version needs to match or be greater than the one required by the add-on. **The remote installer/updater was introduced in JReviews 2.1.8.x.**



JReviews
Joomla CCK & Reviews

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Alejandro Schmeichler
Version: **2.1.8.135**

MAINTENANCE

- [Installer/Updater](#) 
- [Clear Cache](#)
- [Clear File Registry](#)

SUPPORT

- [Documentation](#)
- [Submit Ticket](#)
- [Support Forum](#)

Installer/Updater

☐ **Updates:** I understand that the updates process will overwrite all previous files for the component or add-on and I should have backups in case I've made any changes.

☒ **Backups:** I want the updater to create a backup of my add-on folder before the update. The folder will be renamed with the _bak suffix.

Components


Name	Description	Version	Actions
S2 Framework	S2Framework - MVC Framework required for JReviews	1.1.0.17 (installed 1.1.0.17)	Already Installed
JReviews	JReviews - Reviews & CCK Component for Joomla	2.1.8.135 (installed 2.1.8.135)	Already Installed

Add-ons

Name	Description	Version	Required JReviews version	Type	Actions
GeoMaps	Adds distance search and mapping functionality to JReviews. Includes add-on and GeoMaps module. Download manual	0.2.3	2.1.8.135 (installed 2.1.8.135)	Commercial	<div style="border: 2px solid red; padding: 2px; display: inline-block;">Install</div>

The add-on is installed in the /components/com_jreviews_addons/geomaps folder. The GeoMaps module will also be installed and left unpublished. Reload the page to see the GeoMaps link appear under the Addons header on the left sidebar.

ADDONS

- [Everywhere](#)
- [Geomaps](#) 

CONFIGURATION

BASIC SETUP

Configuration

[Save](#)

[Basic Setup](#)
[Map UI](#)

Google Maps

Google Maps API Key [Get a key here](#)

Address Fields

i It's not necessary to have all of the fields below setup in JReviews. If you have only one address field, you can fill in the Address 1 input below and leave the rest empty. GeoMaps concatenates all the fields together to form the address.

Address 1 field	<input type="text" value="jr_address"/> ✓ Valid field	i.e. jr_addressone
Address 2 field	<input type="text"/>	i.e. jr_addresstwo
City field	<input type="text" value="jr_city"/> ✓ Valid field	i.e. jr_city
State field	<input type="text"/>	i.e. jr_state
Postal code field	<input type="text" value="jr_zipcode"/> ✓ Valid field	i.e. jr_zip
Country field	<input type="text"/>	i.e. jr_country
Default Country	<input type="text"/>	Used for geocoding if the country field above is not specified or if the address field value is left empty for a listing.

Geo Location fields

Latitude field	<input type="text" value="jr_latitude"/> ✓ Valid field	i.e. jr_latitude
Longitude field	<input type="text" value="jr_longitude"/> ✓ Valid field	i.e. jr_longitude
Map it field	<input type="text" value="jr_address"/> ✓ Valid field	A [Map it] button will be appended to this field in new/edit listing forms. Clicking this button will automatically geocode the address and popup a map so the user can adjust the marker location on the map.
Automatic Geocoding on new submissions	<input type="radio"/> No <input checked="" type="radio"/> Yes	You can enable automatic geocoding of addresses if you don't want to use the Map it field or if your users are not using this feature. Geocoding will only be performed on new listing submissions when the address has not already been geocoded.

Distance search

Enable distance search	<input checked="" type="radio"/> Yes <input type="radio"/> No	Disabling this defaults to regular text searches on the address field.
Adv. search address input	<input type="text" value="jr_address"/> ✓ Valid field	If using the address search method above you need to manually add the field in the advanced search module (i.e. {jr_address})
Default radius	<input type="text" value="5"/>	
Radius metric	<input checked="" type="radio"/> Mi <input type="radio"/> Km	
Publish distance on search results	<input type="radio"/> No <input checked="" type="radio"/> Yes	If you want to customize the distance output, set this setting to No, and use this code in the theme file to output the distance: <pre><?php echo \$CustomFields->field('jr_gm_distance',\$listing');?></pre>

Search Theme

GeoMaps search theme suffix	<input type="text" value="test"/>	Useful if you only want to show the map with markers in results for address searches.
-----------------------------	-----------------------------------	---

To get started these are the minimum settings you need to configure:

GOOGLE MAPS

Grab a Google API Key using the link provided in the configuration screen. It will be used to render the maps. If you want to be able to track your Maps API usage, use the key given to you when you create a Google Maps API Console account

<https://code.google.com/apis/console/>.

ADDRESS FIELDS

Setup the address fields to tell the addon which fields contain address information that will be used to geocode the address. In other words, convert the addresses to coordinates that can be used to search for listings and to plot them on the map. Most of these address field assignments are optional and provided in case you've split the address into multiple fields. If you only have listings for one country, enter the name of the country in the "Default Country" setting. **Only use existing field names. Entering wrong field names will cause issues in the JReviews frontend.**

GEO LOCATION FIELDS

Latitude and Longitude fields: you need to create two **decimal type listing fields** for Latitude and Longitude. If you put these fields in a new field group, make sure you assign this group to your listings via the Listings Type Manager. They will be used to store the latitude and longitude data. It is not necessary to show these fields on the listing form. You can hide them from your site's registered users by de-selecting the access groups from the field's Add/Edit Access Settings in the Fields Manager.

SETUP JREVIEWS

- Field Groups Manager
- Fields Manager
- Listing Types Manager
- Directories Manager
- Categories Manager
- Predefined Replies

CONFIGURATION

- Configuration Settings
- Access settings
- Theme Manager
- SEO Manager

ADDONS

- Everywhere
- Geomaps

MAINTENANCE

Show in list view: ☒ No ☐ Yes Shows the field value in the category/section list views.

Sort by this field in list view: ☒ No ☐ Yes Shows the field in the dropdown list

Click to Search: ☒ No ☐ Yes Makes field text clickable to find other items with the same value, except website field.

Click to Add: ☒ No ☐ Yes **For select lists only.** Allows adding more options on the fly while adding/editing a new item.

Description: it will be shown as a tooltip (little informative popup window), to remind users of what they are expected to fill in.

Required: ☒ No ☐ Yes

Published: ☐ No ☒ Yes The field needs to be published in order for it to show up in the form to submit a new item and for its value to be available in the templates if you decide to place them there manually..

Field Access: To select more than one group press and hold the CTRL key. The access settings are used on submission and editing.

Submit/Edit Access

- Guest
- Registered
- Author
- Editor
- Publisher
- Manager
- Administrator
- Super Administrator

View/Search Access

- Guest
- Registered
- Author
- Editor
- Publisher
- Manager
- Administrator
- Super Administrator

Hide the coordinate fields from registered users by selecting only admin groups

Map it field: the "Map It" field tells the addon that it should append a couple of buttons to the listing form when submitting or editing listings. These are the [Map it] and [Clear LatLng] buttons. The [Map It] button allows the user to geocode the listing address and visualize it on the map. The user can also fine-tune the location by dragging the marker on the map. The [Clear LatLng] button allows the user to reset the coordinates if the address changes and needs to be geocoded again. - For more detail on this feature read the section: [Geocoding Addresses on New Listing Submission](#)

Automatic Geocoding on new submissions: By default a listing's address will only be geocoded if the user submitting the listing clicks on the [Map it] button. By enabling this setting you ensure that addresses are geocoded if the user doesn't do it himself using the **Map It** button

DISTANCE SEARCH

Enable distance search: if you don't need the distance search functionality or want to disable it until all addresses are geocoded you can do that with this setting. Every distance search uses a geocoding transaction from Google's API and falls back to tinygeocoder.com when the Google API transactions are used up.

Adv. search address input: tell the addon which field it should use for address searches in the JReviews Advanced Search Module. For instance, if you have a jr_address field, then you can add this field to the advanced search module as {jr_address} and when the user types an address in that field the addon will geocode the address to find nearby listings. You can combine address searches with other custom fields to help the user narrow the results not only by address, but also by category or other field values. Please refer to the **Performing Proximity Searches** section later in this manual for more information.

MAP UI

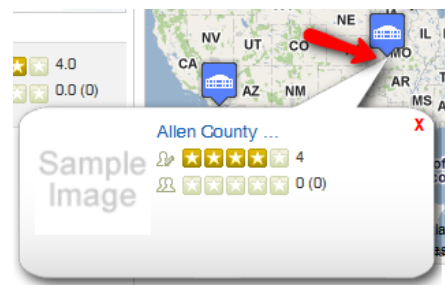
Basic Setup		Map UI	
Markers & Infowindow			
Marker icon path	<input type="text" value="components/com_jreviews_addons/geomaps/icons"/>		Default: components/com_jreviews_addons/geomaps/icons
Marker infowindow	<input type="text" value="Google default"/>		Choose the marker infowindow (tooltip) you want to use. Each one has a different theme file that can be found in the themes /geomaps folder.
Infowindow anchor X offset: Not used for Google infowindow	<input type="text" value="0"/> px		Adjust to fine-tune the position of the infowindow relative to the marker. For example, use -15 for custom infowindow and 0 for callout infowindow.
Infowindow anchor Y offset: Not used for Google infowindow	<input type="text" value="0"/> px		Adjust to fine-tune the position of the infowindow relative to the marker. For example, use 100 for custom infowindow and 0 for callout infowindow.
Map Settings	List Pages	Detail Page	Module Override in module settings
Show map types	<input type="text" value="Menu"/>	<input type="text" value="Buttons"/>	<input type="text" value="Menu"/>
- Enable "Map" type:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
- Enable "Hybrid" type:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
- Enable "Satellite" type:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
- Enable "Terrain" type:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
Show Pan & Zoom Controls:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
Show Scale:	<input checked="" type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No <input type="radio"/> Yes
Enable Scrollwheel Zoom:	<input checked="" type="radio"/> No <input type="radio"/> Yes	<input checked="" type="radio"/> No <input type="radio"/> Yes	<input checked="" type="radio"/> No <input type="radio"/> Yes
Enable Doubleclick Zoom:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
Infowindow Data	List Pages	Detail Page	Module Override in module settings
Truncate title:	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes
Directions	List Pages	Detail Page	Module Override in module settings
Enable "Get directions"	N/A	<input type="radio"/> No <input checked="" type="radio"/> Yes	N/A
Streetview	List Pages	Detail Page	Module Override in module settings
Enable "Streetview"	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Yes	N/A

MARKERS & INFOWINDOW

Marker icon path: This is the location of marker image files. GeoMaps comes with several images and you can upload additional ones to this folder or change the folder location.

Marker infowindow: The infowindow is the popup with listing information that appears when you click on a marker. Google's default infowindow can only appear within the map boundaries which makes it impractical for maps of small size. That is why GeoMaps offers couple of alternatives named "callout" and "custom" which can be further customized through the infowindow theme files and css.

Infowindow anchor offsets: For the "callout" and "custom" infowindows you'll need to adjust the anchor offset based on the size of the window in order to locate it near the clicked-on marker.



MAP SETTINGS

You can toggle on and off all of the standard Google Map controls using these settings. All settings are global, but the ones for the GeoMaps module can also be overridden in the module parameters.

INFOWINDOW DATA

Truncante title: If your listings have long titles you can choose to show only a set number of characters in the infowindow.


DIRECTIONS

Enable get directions: This setting enables Google's Get Directions functionality in listing detail pages so users can enter an address to find driving or walking directions to or from the listing's address.

STREETVIEW


Enable streetview: This setting enables Google's street view functionality so users can see actual images of the listing's location.

ADDRESS GEOCODING


JReviews
Joomla CCK & Reviews

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Alejandro Schmeichler
Version: **2.1.8.135**

GEOMAPS ADDON

- [Configuration](#)
- [Geocode Addresses](#) 
- [Assign Custom Markers](#)
- [Back to JReviews](#)

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Geocode Addresses

[Apply Filtering](#)

Listing Types Filters

☐ Restaurants
☐ Blog
☒ Colleges

Field Filters

Limits results to listings that have non-empty values in the selected address fields. Useful to prevent geocoding of addresses that are incomplete.

☐ jr_address
☐ jr_city



Geocoding Status

☒ Non-geocoded Listings
☐ Geocoded Listings
☐ All Listings

i Based on your filters, there are **4000** listings with addresses. **1000** listings have been geocoded and **3000** listings remain to be geocoded.


[Geocode Addresses](#)


3000 results - showing 1 - 22 Results per page: 50

ID	Title	Category	Full Address	Lat	Lon	
1015	Centro de Estudios Multidisciplinarios	Colleges	6 Dr Vidal St Humacao Puerto Rico	0.000000	0.000000	
1014	Centre College	Colleges	600 W Walnut St Danville Kentucky 40422-1394	0.000000	0.000000	

You can use the Geocode Addresses menu to geocode individual addresses or perform batch geocoding of existing addresses. Use the filters to select the listing types that require geocoding.

GEOCODING INDIVIDUAL ADDRESSES

Clicking on the pin  button located to the right of the address column opens a dialog allowing you to geocode individual addresses and adjust the location of the marker by dragging it. You need to click on the Apply Changes button once you are satisfied with the marker location so your changes are saved to the database.

West Texas A & M University


[Geocode Address](#)
[Apply Changes](#)

Address Information

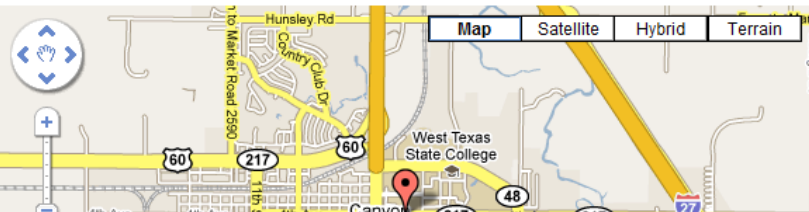
Address
2501 4th Ave, Canyon, Texas 79016-0001

Longitude
-101.915838

Latitude
34.979839

Zipcode

i Drag the marker to fine-tune the geographic location on the map.



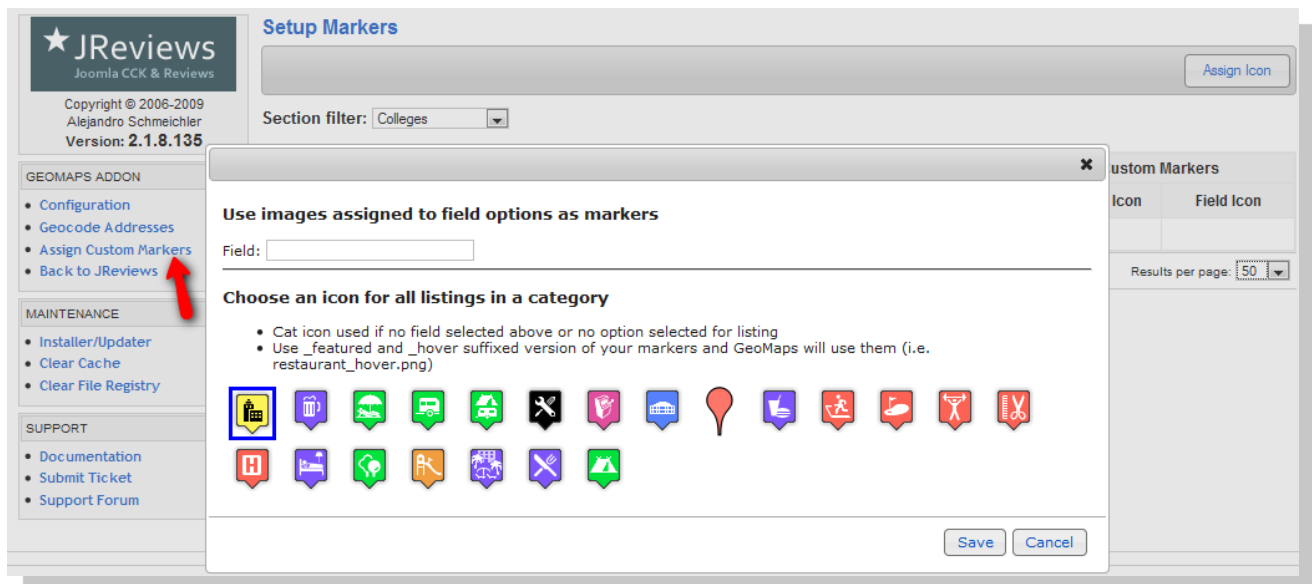
BATCH GEOCODING

Use the "Geocode Addresses" button to begin batch geocoding. A dialog box will appear where you can see the progress and stop the process. The Google API only allows 15,000 geocode transactions per day. After that the addon defaults to the tinygeocoder.com service.

CUSTOM MARKERS

The add-on lets you assign custom markers to listings in a couple of ways:

1. **By category:** all listings in a category will have the same marker.
2. **By custom field options:** the images assigned to the **select list field options** will be used as markers so you can have different markers even within the same category.



MARKER ICONS BY CATEGORY

If you use the category assignment, you can upload more icons to the default icon folder at `/components/com_jreviews_addons/geomaps/icons`. The location of this folder can be changed in the add-on's configuration.

MARKER ICONS BY CUSTOM FIELD OPTIONS

If you use the custom field assignment then you need to upload the icons to your theme's `theme_images` folder and confirm they are found when adding the image names in the add/edit screen for field options.

Field Options Manager: Establishment

[Go back to fields](#)

1. **Text:** this is what the site visitor will see and it is translatable when using Joomfish.
2. **Value:** this is a reference value, the site visitor will not see it.
3. **Image:** if you enter an image, it will be displayed instead of the text with the text as the title of the image.

Default path for the images: /components/com_jreviews/jreviews/views/themes/default/theme_images.

If you write "image_name.jpg", it will look for the image in /components/com_jreviews/jreviews/views/themes/default/theme_images/image_name.jpg.

If you have a multilingual site, you can enter "image_name.jpg" and if you place images in the folder like "english.image_name.jpg" and "spanish.image_name.jpg" they will be used automatically.

Add a new field option

Option text*	<input type="text"/>
Option value*	<input type="text"/>
Option image	<input type="text"/>
<input type="button" value="Add"/>	

#	Text	Value	Image	Option ID	Reorder	Order	Delete
1	1	1	apartment.png [image found]	65	▲ ▼	1	
2	2	2	camping.png [image found]	66	▲ ▼	2	
3	3	3	casino.png [image found]	67	▲ ▼	3	
4	4	4	fastfood.png [image found]	68	▲ ▼	4	

4 results - Showing 1 - 4

Results per page: 50

Custom field marker icon assignments

If you want to use the field option images for map markers, but show the field option text in the regular display of fields, there's a setting in the field's advanced options under Field Manager to disable images:

Add/Edit Field

[Save](#) [Back](#)

Field location:	content	Is this a custom field for listings or reviews?
Name:	jr_establishment	Use lowercase name. Will be used for database reference only.
Title:	Establishment	This is the label that will be displayed in your listing if show title is set to yes.
Type:	Single select list	
Group:	address-information	You can group fields together and assign several groups to the categories. The fields will also be shown as groups in your listings.
[Click here for Advanced Options]		
Show option images in field output - if disabled text will show even if images are assigned <input checked="" type="radio"/> No <input type="radio"/> Yes		
Ordering: setting used when submitting/editing an entry.		
Ordering <input type="text"/>		

USING DIFFERENT ICONS FOR FEATURED LISTINGS AND MOUSEOVER EVENT

GeoMaps will use the following suffixed images for featured listings and the mousover event when hovering over a marker:

```
{icon_name}_hover.{icon_extension}
{icon_name}_featured.{icon_extension}
{icon_name}_featured_hover.{icon_extension}
```

A real example where the marker image is "hospital.png" would be:

```
hospital_hover.png
hospital_featured.png
hospital_featured_hover.png
```

If both a category icon and a select field are setup for a category, then the select field takes priority and if an option is not selected then the category icon is used.

GEOCODING ADDRESSES IN NEW LISTINGS

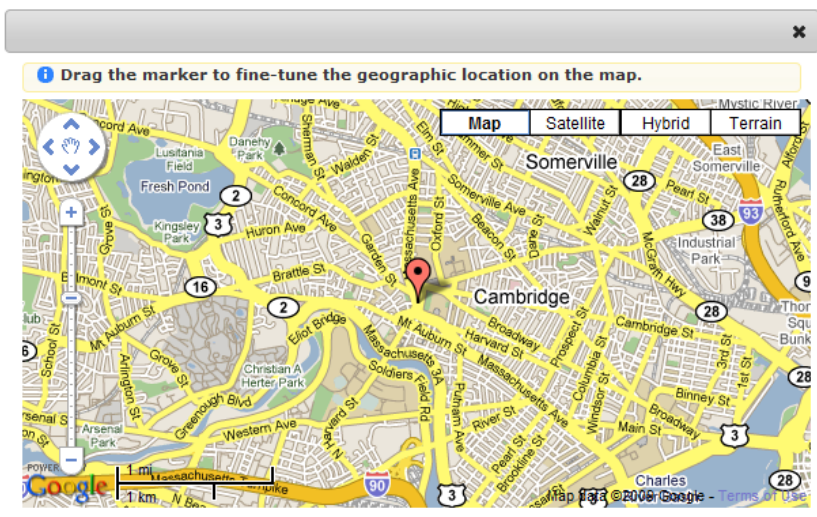
If you allow users to submit listings to your site or you submit them manually, the GeoMaps add-on has a **Map It** feature that allows users to geocode the address on the fly and adjust the marker's location if necessary. The add-on adds a couple of buttons after the field that you designate as the "Map It" field in the configuration settings.

Address Information

Address

Massachusetts Hall, Cambridge, Massachus

Once you enter the address, click on the **Map it** button to geocode it and visualize and fine-tune its location. If you want to change the address then you need to click on "Clear LatLng" to geocode the new address.



PERFORMING PROXIMITY SEARCHES

You need to use the JReviews advanced search module to setup address searches. Edit the module's theme file in `/components/com_jreviews/jreviews/views/themes/default/modules/advanced_search.html` and add the tag for the address field you set up in the configuration screen. For instance `{jr_address}`. – For more detail please refer to the module's documentation http://docs.reviewsforjoomla.com/Modifying_Advanced_Search_module

JReviews ships with an Advanced Search Module theme file that is ready for use with proximity searches. You can use this theme file by adding the `_map` suffix in the module's `JReviews Theme Suffix` setting. If you want to further customize the theme file you can find it in `/components/com_jreviews/jreviews/views/themes/default/modules/advanced_search_map.html`. You can edit this file to change the tag `{jr_address}` to match your designated search field or if you are using another theme just add your address field there.

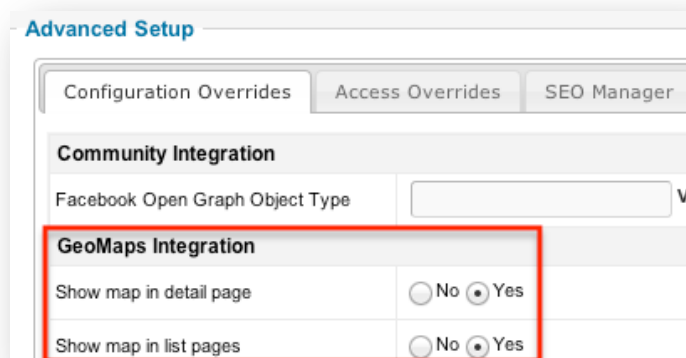
ADDING A RADIUS DISTANCE SELECT FIELD

If you want to let users choose a radius for their searches, add the following html code to the advanced search module theme file:

```
<select id="jr_radius">?php echo $module_id;?>" name="data[Field][Listing][jr_radius]" />
  <option value="5" selected="selected">5 miles</option>
  <option value="10">10 miles</option>
  <option value="15">15 miles</option>
  <option value="20">20 miles</option>
</select>
```

GEOMAPS THEMES & CUSTOMIZATION

To simplify the use of GeoMaps in JReviews we added a couple of map related settings in the Listing Types Manager. In the Configuration Overrides tab you'll find settings to show/hide the map in detail and list pages.



JREVIEWS THEMES

The core JReviews `listings_blogview.html` and `detail.html` theme files in the default/listings theme folder include the code required to display the maps. In list pages the map will only be shown if you have selected the blogview layout for them.

/COMPONENTS/COM_JREVIEWS/JREVIEWS/VIEWS/THEMES/DEFAULT/LISTINGS/LISTINGS BLOGVIEW.THTML

42 results - showing 1 - 10

1 2 3 4 5

Ordering Distance

Suffolk University

FEATURED

Colleges » Colleges

Written by Administrator September 07, 2009

Hits: 121

0.0
0.0 (0)

Distance 0.12 Miles

Address 8 Ashburton Pl Beacon Hill,
Boston, Massachusetts
02108-2770

Sample
Image

[Read more](#) [Read reviews](#) [Write review](#)

Urban College of Boston

Colleges » Colleges

Written by Administrator September 07, 2009

Hits: 0

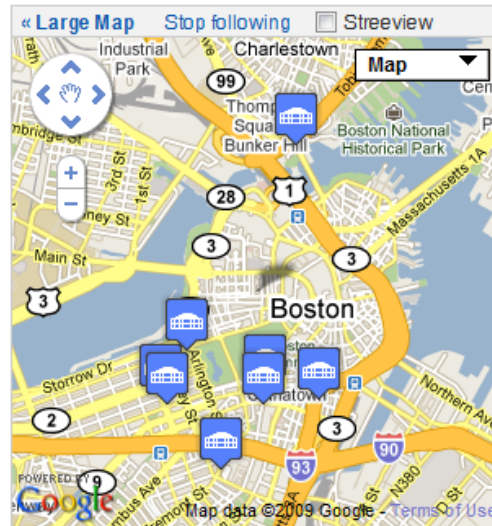
0.0
0.0 (0)

Distance 0.48 Miles

Address 178 Tremont St 7th Fl, Boston,
Massachusetts 02111-1093

Sample
Image

[Read more](#) [Read reviews](#) [Write review](#)



/COMPONENTS/COM_JREVIEWS/JREVIEWS/VIEWS/THEMES/DEFAULT/LISTINGS/DETAIL.THTML

Suffolk University

FEATURED

Written by Administrator September 07, 2009 Hits: 121

[Edit](#) [Published](#) [Featured](#) [Not frontpaged](#) [Delete](#)

0.0
0.0 (0)

ADDRESS INFORMATION

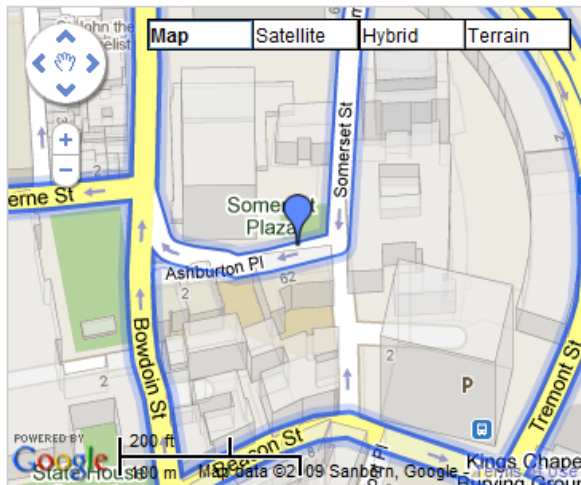
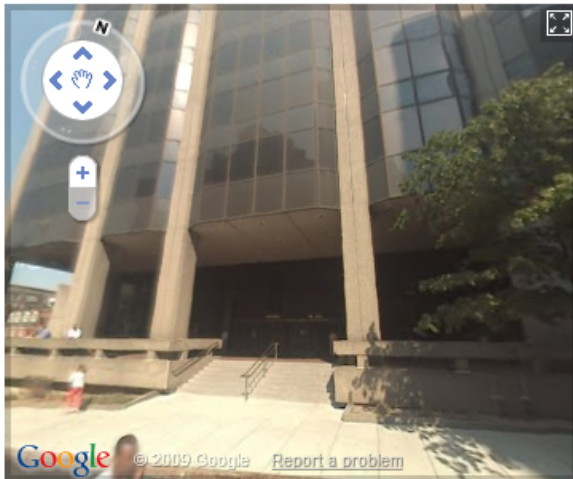
Address 8 Ashburton Pl Beacon Hill, Boston, Massachusetts
02108-2770

Start Address Swap Start/End End

8 Ashburton Pl Beacon Hill, Boston, Ma

Driving

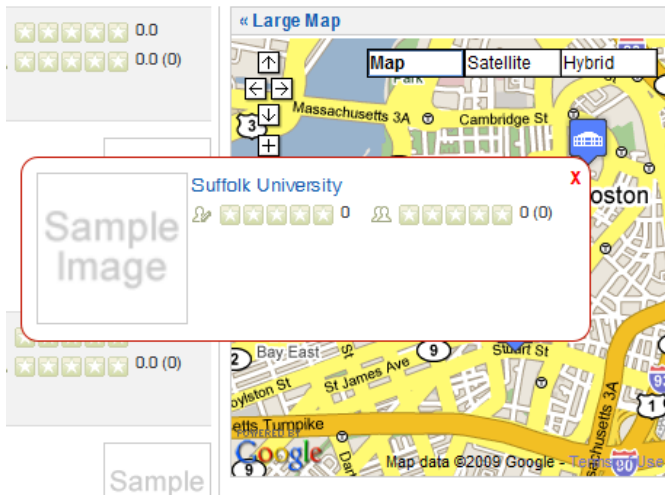
[Get Directions](#)



You can search for "map" in those theme files if you want to make any changes to the layout.

INFOWINDOW CUSTOMIZATION

The infowindow is the popup or tooltip that appears when clicking on a listing marker on the map. By default it shows the listing thumbnail, editor and user rating stars and review count. You can also add custom fields to the infowindow, but you need to modify it's theme file.



/COMPONENTS/COM_JREVIEWS_ADDONS/GEOMAPS/GEOMAPS/MAP_INFOWINDOW_{TYPE}.HTML

There are four different infowindow theme files matching the infowindow options in the configuration: google, google_tabs, callout and custom. You can add any custom field to the infowindow by adding an element with a class name of "gm-{field name}". For example, to add the address and phone number to the infowindow you would use:

```
<span class="gm-jr_address"></span>
<span class="gm-jr_phone"></span>
```

You will need to add the list of fields you want to display in infowindows in the GeoMaps add-on configuration, Map UI tab:

Configuration		
Save		
Basic Setup Map UI		
Markers & Infowindow		
Marker icon path	<input type="text" value="templates/jreviews_overrides/geomaps/icons"/>	Default: components/com_jreviews_addons/geomaps/icons
Marker infowindow	<input type="text" value="Google default"/>	Choose the marker infowindow (tooltip) you want to use. Each one has a different theme file that can be found in the themes /geomaps folder.
Infowindow anchor X offset: Not used for Google infowindow	<input type="text" value="-8"/> px	Adjust to fine-tune the position of the infowindow relative to the marker. For example, use -15 for custom infowindow and 0 for callout infowindow.
Infowindow anchor Y offset: Not used for Google infowindow	<input type="text" value="0"/> px	Adjust to fine-tune the position of the infowindow relative to the marker. For example, use 100 for custom infowindow and 0 for callout infowindow.
Infowindow Custom Fields:	<input type="text"/>	Custom Fields comma list, without spaces (jr_fieldone,jr_fieldtwo,etc.) that will be made available for inclusion via tags in the infowindow theme file.

If you have any email custom fields showing on the page it is very important that you make sure the Joomla email cloaking plugin goes before JReviews. Otherwise it will output a string of garbled characters on the pages where the maps are shown.

GEOMAPS MODULE

The GeoMaps module is automatically installed with the add-on and allows you to show all the locations of a directory, section or category. It has category autodetect functionality so a single module instance can be used on multiple pages showing different markers. **Important:** the module is not capable of showing all markers for an address search. Instead the list map must be used.

Caching: With lots of markers this setting is very important to cache the json object that the map uses to load the markers.

Geo Targeting: Enabling this setting will automatically center the map to the site's visitor location calculated based on the visitor's ip address.

Address search bar: Places a search control inside the map allowing the user to quickly move the map to this address instead of having to deal with the map zoom/pan controls. Keep in mind that every search using this feature uses up a Google Maps API geocoding transaction.

Featured only: Display featured listings only.

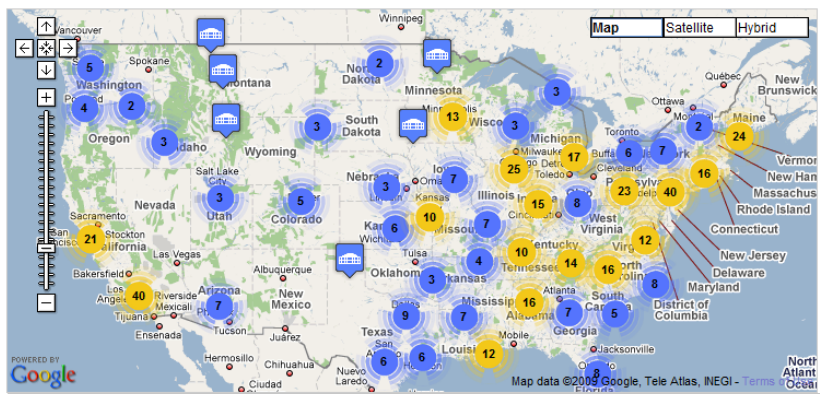
Category Auto-detect: When enabled, the markers in the map will change based on the page currently being viewed.

In detail view: Allows you to change the behavior of the map in detail pages.

Directory/Section/Category/Listing IDs: Filter the markers shown using these settings. It's not necessary to fill in all of them, just one.

Custom Fields: If you are customizing the infowindow to show custom fields, it is important that you add their names here separated by comma, without spaces.

Enable Clustering: You can enable marker clustering if you have many markers. It is not recommended to show thousands of markers on a map as this is not only impractical from a usability perspective, but will also slow down the loading of the page. You can set a hard limit to the number of markers shown.



▼ Module Parameters	
Theme Suffix	<input type="text"/>
Module Class Suffix	<input type="text"/>
Caching	<input checked="" type="radio"/> Yes <input type="radio"/> No
Geo Targeting	<input checked="" type="radio"/> No <input type="radio"/> Yes
Geo Targeting Zoom	<input type="text" value="10"/>
Address Search Bar	<input type="radio"/> No <input checked="" type="radio"/> Yes
Featured only	<input checked="" type="radio"/> No <input type="radio"/> Yes
Category Autodetect	<input type="radio"/> No <input checked="" type="radio"/> Yes
In detail view	Show listing marker only ▼
Directory IDs	<input type="text"/>
Section IDs	<input type="text"/>
Category IDs	<input type="text"/>
Listing IDs	<input type="text"/>
Map Width	<input type="text" value="100%"/>
Map Height	<input type="text" value="400px"/>
Custom Fields	<input type="text"/>
Limit Results	<input type="text" value="500"/>
Enable clustering	<input type="radio"/> No <input checked="" type="radio"/> Yes
Clustering Min Markers	<input type="text" value="100"/>
Show Map Types?	Global ▼
Enable Map Type?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Enable Hybrid Type?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Enable Satellite Type?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Enable Terrain Type?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Show Pan & Zoom Controls?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Show Scale?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Enable Scrollwheel Zoom?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes
Enable Doubleclick Zoom?	<input checked="" type="radio"/> Global <input type="radio"/> No <input type="radio"/> Yes

TROUBLESHOOTING

ADDON INSTALLATION/UPDATE DOESN'T WORK

1. Make sure you have the php curl extension enabled on your server. If you don't, you need to change the php.ini file or request your host to enable it for you.
2. If this is the first time you install the addon, you might have to manually create the addons folder
/components/com_jreviews_addons/
3. If the module installation fails you can get the module zip from /components/com_jreviews_addons/geomaps/packages and install it via the Joomla installer

CAN I TEST THE ADDON ON HTTP://LOCALHOST?

Yes, you will need to get a Google Maps API key for http://localhost

JAVASCRIPT CODE APPEARS IN LIST OR DETAIL PAGES

If you have an email custom field showing on those pages, make sure the Joomla email cloaking plugin goes before the JReviews plugin.

NONE OF MY JREVIEWS LISTINGS APPEAR IN THE FRONTEND AFTER I INSTALLED THE ADDON

Make sure all the address and geo location fields assigned in the add-on's configuration are valid.