

How to extract the lat/lng of pins in google maps?

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I want to extract the latitude and longitude of a set of about 50-100 pins in a Google maps web page. I don't control the page and I don't need to do it more than once so I'm looking for something quick and dirty. I've got FireFox with [FireBug](#) as well as Chrome and all I need is something that's easier than re typing all the numbers.

 [google-maps](#)[data-extraction](#)

edited Aug 31 '14 at 1:38



[AstroCB](#)

10.1k 14 45 65

asked Apr 1 '10 at 3:47



[BCS](#)

31.9k 56 159 263

- 1 @Jonathan: Why do you assume I would be stealing it? From what I said, it might be from a public domain data set. (In fact, I have every reason to

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- 4 If it is a public dataset then why not get it rather than writing a script to farm the data from within an application? A publicly available page doesn't mean that the data on it is free... – Jonathan Apr 1 '10 at 7:37
- 3 Can you imagine a situation in which the coordinates of certain points on a map which is freely accessible would not be free? – nico Sep 11 '10 at 21:32

4 Answers

Simply click the **link** shortcut on the map to retrieve a URL for the map with pins in.

Next add `&output=kml` to the end of this url and use the link to retrieve a kml file containing all the pin data.

This kml file is actually in xml format so parsing it should be easy, you just need to look for `<coordinates>` elements which contain the latitude and longitude data you need.

The kml format is documented here:
<http://code.google.com/apis/kml/documentation/kmlreference.html>

answered Sep 12 '10 at 8:17

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```
<coordinates>.*
</coordinates> –
FixerMark Sep 12 '10 at
9:04
```

- 5 This doesn't work anymore. Now the trick is: google.com/maps/d/kml?mid={map_id} For example: google.com/maps/d/kml?mid=1IL6Ylpo7P3HnANcHTAzBH5hEx-E – brunetton Jun 8 '16 at 12:20
-

Just saving the .html file and using regex works:

These two reg-ex might be good starting points:

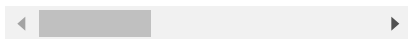
```
@[\d-9]+\.[\d-9]+,-[\d-9]+\.[\d-9]+
{id:"[A-Zloc\d-9]+",fid
```

answered Apr 2 '10 at 18:34



BCS

31.9k 56 159 263



Google has changed a lot the way you can extract information about google.maps and has set some limitations like numbers of queries by day.

To extract the lat and lon of Google maps you need a bit of knowledge about HTML code and manipulating

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Places API" it's VERY EASY! and you can extract about 150k locations by day for free. You have to get an account, activate your privileges of API Places (turn on/off button), get you secret KEY and then use a simple URL to extract the JSON/XML file. Here are two great links for that:

[1]

<https://developers.google.com/places/documentation/search?hl=en>

[2]

<https://developers.google.com/places/training/basic-place-search?hl=en>

If you want DETAIL info about the coordinates that you'll get, go to the section "Requesting Place Details" in the second link, that gives you info about what kind of site is that, the phone number and all the comments that users has made, if they are available.

Great coding and greetings!

edited Oct 16 '14 at 21:25

answered Oct 16 '14 at 18:06



Ricardo Andrade

31 2

Depending on the type of
the man and whether the

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the Google Maps page, the URL in the browser might not be the same) and look for the "sll=[...]" parameters.

edited Sep 6 '10 at 10:03

answered Sep 6 '10 at 1:42



Dominik

526 6 22

OK, now how do I extract the links? Keep in mind I had more than can be easily done by hand. –

[BCS](#) Sep 6 '10 at 4:16



Which links? I thought you wanted the latitude/longitude. –

[Dominik](#) Sep 6 '10 at 10:02

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