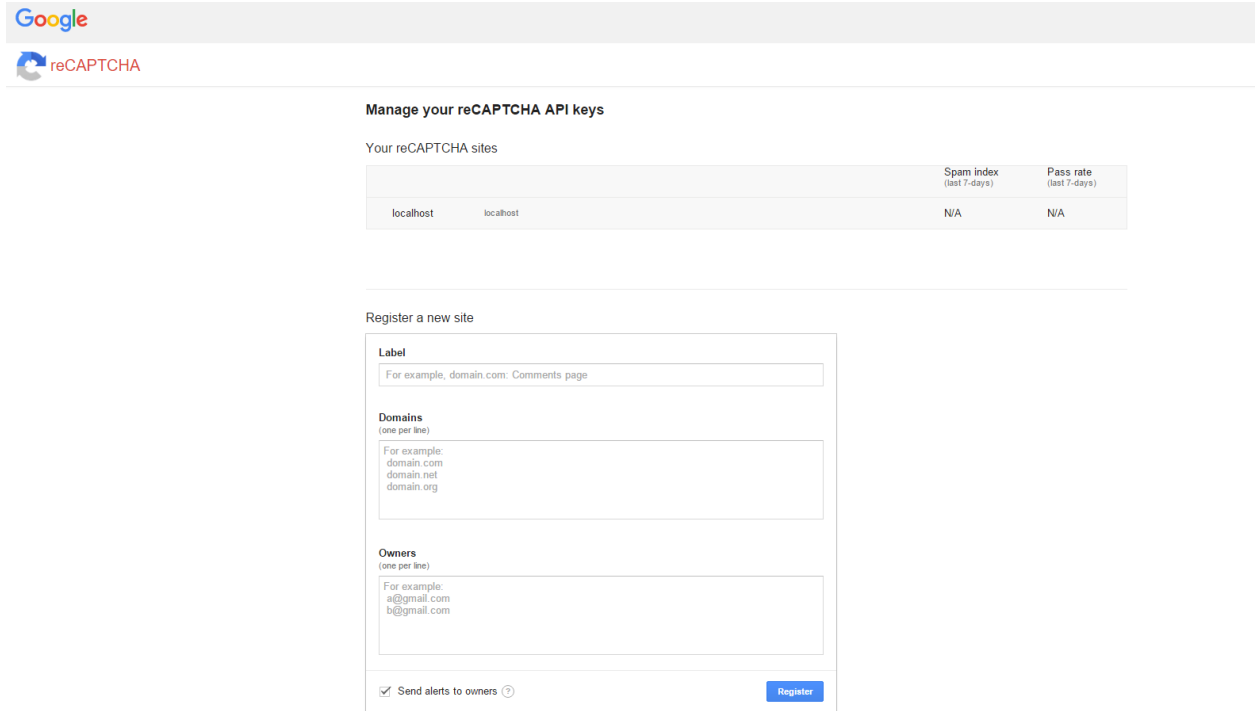


How to Use Google Recaptcha :

1. Go to <https://www.google.com/recaptcha/intro/index.html>
2. Click on “Get Recaptcha” top right corner (Log on to your google account)
3. You will be redirected to a page that looks like



The screenshot shows the Google reCAPTCHA API management interface. At the top, there's a Google logo and the reCAPTCHA logo. Below that, the heading "Manage your reCAPTCHA API keys" is visible. Underneath, it says "Your reCAPTCHA sites". A table lists the registered sites. In this case, there is one site with the label "localhost" and a domain of "localhost". The spam index and pass rate are both "N/A". Below the table, there is a section titled "Register a new site" which contains a form. The form has three main sections: "Label" with a text input field, "Domains" with a text input field, and "Owners" with a text input field. Each section has a placeholder text indicating the format. At the bottom of the form, there is a checkbox labeled "Send alerts to owners" and a "Register" button.


	Spam index (last 7-days)	Pass rate (last 7-days)
localhost localhost	N/A	N/A

Register a new site

Label
For example, domain.com: Comments page

Domains
(one per line)
For example:
domain.com
domain.net
domain.org

Owners
(one per line)
For example:
a@gmail.com
b@gmail.com

☒ Send alerts to owners 

Register

Register your website on this page and specify your gmail id.

You can specify localhost.

Click on register, after you have filled out all the fields.

- Next you will be redirected to a page that looks like this

① Adding reCAPTCHA to your site

» Keys

▼ Step 1: client-side integration

Paste this snippet before the closing `</head>` tag on your HTML template:

```
<script src='https://www.google.com/recaptcha/api.js'></script>
```

Paste this snippet at the end of the `<form>` where you want the reCAPTCHA widget to appear:

```
<div class="g-recaptcha" data-sitekey=" " ></div>
```

[The reCAPTCHA documentation site](#) describes more details and advanced configurations.

▼ Step 2: Server side integration

When your users submit the form where you integrated reCAPTCHA, you'll get as part of the payload a string with the name "g-recaptcha-response". In order to check whether Google has verified that user, send a POST request with these parameters:

URL: <https://www.google.com/recaptcha/api/siteverify>

secret (required)	
response (required)	The value of 'g-recaptcha-response'.
remoteip	The end user's ip address.

[The reCAPTCHA documentation site](#) describes more details and advanced configurations.

Copy the Step 1 part into your Front end page.

The `<div>` part inside your form.

After doing this you can see the captcha box inside your form. But to validate it you will have to follow the step 2 instructions.

- Finally, to validate your Captcha we will use the step 2 content mentioned in the above picture. To send a post request we will use <https://github.com/propan/clj-recaptcha> Import the above mentioned package in your project.clj . And follow the instructions on the Github page. Finally you can validate your captcha like this

```
(c/verify "your-private-key" "response" :remote-ip "127.0.0.1")
```