

# Dynamic data integrations with the HTTP API

It's possible to dynamically update data and information on websites using publicly accessible data via the HTTP API.

For example, you might want to have the following:

**We've adopted 389 animals!**

You can populate the number dynamically via the HTTP API.

To do this via the RescueGroups.org Website service, you'll need both a Custom Code Snippet, and a web page with some HTML included.

## Custom Code Snippet

Create a Custom Code Snippet and include the following JavaScript code:

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1/jquery.min.js" type="text/javascript"></script>
<script src="https://s3.amazonaws.com/filestore.rescuegroups.org/scripts/noncvs/jquery-json.js" type="text
/javascript"></script>

<script>
var thing = { "apikey": "*****", "objectType": "animals", "objectAction": "publicSearch", "search": { "calcFoundRows": "
Yes", "resultStart": 0, "resultLimit": 0, "fields": [ "animalName" ], "filters": [ { "fieldName": "animalStatus", "
operation": "equals", "criteria": "Adopted" }, { "fieldName": "animalOrgID", "operation": "equals", "criteria": "*****" } ] } };
var encoded = $.toJSON(thing)

$.ajax({
  url: "https://api.rescuegroups.org/http/json/?data=" + encoded,
  dataType: "json",
  success: function(data) {
    if (data.foundRows) document.getElementById('adoptedPetsCount').innerHTML = data.foundRows;
  },
  error: function(xhr, status, error) {
    console.log('error');
  }
});
</script>
```



Be sure to replace the asterisks in the example above with your public API Key for the **apikey** value and your account number for the **animalOrgID** value.

## Add content to the web page

Edit the web page or content area where you would like the dynamic data to appear. You'll need to do two things:

1. Include the Custom Code Snippet you created above anywhere on the page.
2. Add a container (like span or div) to hold the value from the API query.

For the container, you could use the following HTML code (following the example query for adopted animals above):

```
We've adopted <span id="adoptedPetsCount">a lot of</span> pets!
```

So once you add it all to the web page, it might look something like this:

```
<p>{s3182code1999/}</p>
<p>We&#39;ve adopted
<span id="adoptedPetsCount">a lot of</span>
pets!</p>
```

The example above uses the JavaScript code "**document.getElementById('adoptedPetsCount').innerHTML**" to change the content of the adoptedPetsCount element to the value that it received from the HTTP API.