

- **Instructions for accessing the API**

1. The form of the JSON data retrieved from API.

- 1) If you send a request to API with a valid "hid" which exists in the CSV file, the response will be like below.

```
{
  "hid" : "33BFF6QPI1YEFYISIWWDVQKGH8RW3Z",
  "contents" : {
    "chunk" : "Landmark Center, 8th Fl",
    "has_space" : "0"
  }
}
```

- 2) If you send a request to API with an invalid "hid" which doesn't exist in the CSV file, the response will be like below.

```
{
  "hid" : "asdf",
  "contents" : "No data with that hid, check you hid."
}
```

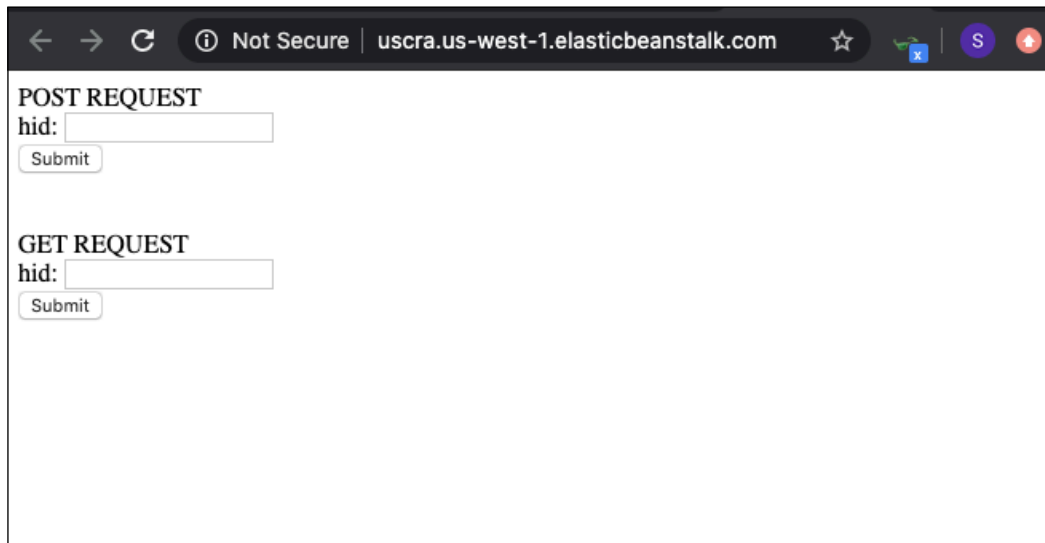
hid	chunk	has_space
33BFF6QPI1YEFYISIWWDVQKGH8RW3Z	Landmark Center, 8th Fl	0
3HUR21WDDUCUK1K6HMLPN3U0ZBSYX0	Contact: The C3 team at M&T	0
3566S7OX5D63FG3CNKAIFH62QX517B	A powerful tool for develop	0
3GV1I4SEO9CX1NTBXKN9TIFKTSQ6LN	Easy access to T, Hubway, &	0
37SDSEDIN9P7FU8VXP2OTH2X1HB18Y	Check out our Private Office	1
3CIS7GGG6564XS9KCGY8WT3GNH6UEP	By Michael Carney , written on June 17, 2014	0
3CMIQF80GND8SK9OPPV5A4EE3YD6QC		1
3RWB1RTQDJAAWMRXIRDEUDKV4XGP8P	%bklWe went from 3,000 s	0

Figure 1. A snippet of the CSV file.

2. How to access API

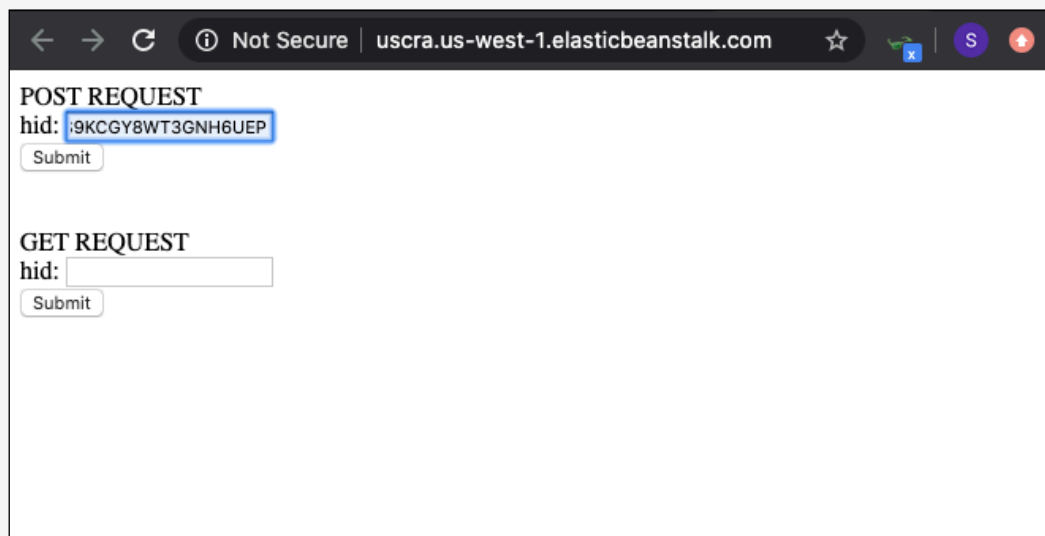
1) Accessing the API from a website

- a. Go to the web site : <http://uscra.us-west-1.elasticbeanstalk.com/>
Then, you'll see the screen like below.



The screenshot shows a web browser window with the address bar displaying "uscra.us-west-1.elasticbeanstalk.com". The page content includes two sections: "POST REQUEST" and "GET REQUEST". Each section has a label "hid:" followed by an empty text input field and a "Submit" button below it.

- b. Fill in either of the blanks with "hid" of the data you want to get from API. Whichever you use, they'll provide the exactly same result to you. In other words, there is no difference between POST and GET REQUEST.



This screenshot is similar to the previous one, but the "hid:" input field under the "POST REQUEST" section is now filled with the alphanumeric string "i9KCGY8WT3GNH6UEP". The "Submit" button remains below it. The "GET REQUEST" section remains unchanged with an empty input field.

- c. After clicking the “Submit” button, you’ll see the retrieved data from API under “Submit” button.

The screenshot shows a web browser window with the address bar displaying "uscra.us-west-1.elasticbeanstalk.com". The page content is divided into two sections: "POST REQUEST" and "GET REQUEST".

POST REQUEST
hid:


```
{ "hid": "3CIS7GGG6564XS9KCGY8WT3GNH6UEP", "contents": { "chunk": "\r\r\r\r\r By Michael Carney\r , written on\r June 17, 2014\r \r", "has_space": "0" } }
```

GET REQUEST
hid:

- d. If you submit the invalid hid which doesn't exist in the CSV file, the website will show you the result like below.

The screenshot shows a web browser window with the address bar displaying "uscra.us-west-1.elasticbeanstalk.com". The page content is divided into two sections: "POST REQUEST" and "GET REQUEST".

POST REQUEST
hid:


```
{ "hid": "1234", "contents": "No data with that hid, check your hid." }
```

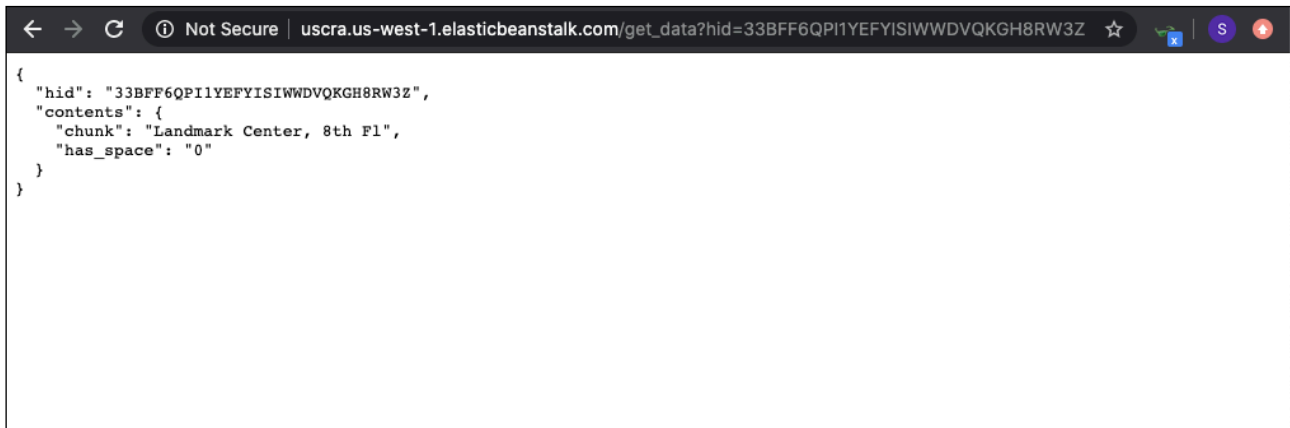
GET REQUEST
hid:

2) Accessing API with URL

If you use the URL “http://uscra.us-west-1.elasticbeanstalk.com/get_data?hid=<hid of the data you want to get>” then, you’ll get the response from the API.

For example, if you type the url below in the web browser, then you’ll get the result like below.

URL used: http://uscra.us-west-1.elasticbeanstalk.com/get_data?hid=33BFF6QPI1YEFYISIWWDVQKGH8RW3Z



3) Accessing API from front end (client code)

There are various languages for implementing front-end so there are differences on how to implement it in each language. In here, I’ll show you one of the ways implemented with JQuery.

a. POST request

```
$.ajax({
  data : {
    hid : //write the value of 'hid' got from a user
  },
  dataType: 'json',
  type: 'POST',
  url : '/get_data'
})
.done(function(data){
  // write the code what you want to execute
  //after retrieving the data from API
});
event.preventDefault();
```

b. GET request

```
$.ajax({
  data : {
    hid : //write the value of 'hid' got from a user
  },
  dataType: 'json',
  type: 'GET',
  url : '/get_data'
})
.done(function(data){
  // write the code what you want to execute
  //after retrieving the data from API
});
event.preventDefault();
```