9LESSONS

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THURSDAY, FEBRUARY 24, 2011

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Tags | Ajax | API | Bing | jQuery | JSON |

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15   Some days back I had posted a popular article ' Youtube instant search with

Jquery and Ajax'. I received a lot of request from my readers that asked to me how to instant web search results so I had coded Bing instant search with real time search results. Just few lines of code, reading Bing search JSON API file with Jquery.

 Download Script   Live Demo

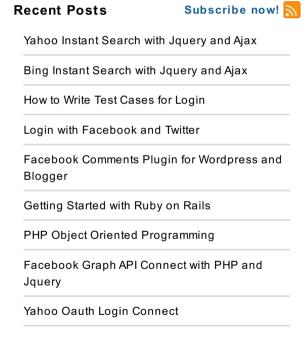First you have to create an application ID from Bing Developer Center.

Javascript Code

$(".search_input").keyup(function(){}) - search_input is the class name of input tag. $(this).val() - calling the input search box value. The encodeURIComponent() function encodes special characters (More infomation). Replace your Bing APP_ID

```
<script type="text/javascript" src="http://ajax.googleapis.com/
ajax/libs/jquery/1.4.2/jquery.min.js"></script>
<script type="text/javascript">
$(document).ready(function()
{

$(".search_input").keyup(function()
```

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```javascript
{
var search_input = $(this).val();
var keyword= encodeURIComponent(search_input);
// Bing Search API
var bing_url='http://api.search.live.net/json.aspx?
JsonType=callback&JsonCallback=?
&Appid=APP_KEY&query='+keyword+'&sources=web';

$.ajax
({
type: "GET",
url: bing_url,
dataType:"jsonp",
success: function(response)
{
$("#result").html('');
if(response.SearchResponse.Web.Results.length)
{
$.each(response.SearchResponse.Web.Results, function(i,data)
{
var title=data.Title;
var dis=data.Description;
var url=data.Url;


var final="<div class='webresult'><div class='title'><a
href='"+url+"'>"+title+"</a></div><div
class='desc'>"+dis+"</div><div
class='url'>"+url+"</div></div&gt;";

$("#result").append(final); // Result

});
}
else
{
$("#result").html("<div id='no'>No Results</div>");
}
}
});
});
});
</script>
```

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People Says

@9lessons thank you for the great tutorials, we truly appreciate your contributions to the design community.

```
// HTML code
<input type="text" class='search_input' />
<div id="result">
</div>
```

Bing JSON file

JSON file keyword

```json
{
"SearchResponse":
{
"Version":"2.2",
"Query":
{
"SearchTerms":"srinivas tamada"
},
"Web":
{
"Total":2010,
"Offset":0,
"Results":[
{
"Title":"Srinivas Tamada",
"Description":"Current. CEO at Egglabs. Dr M.G.R University
Recommendations 1 recommendation Connections",
"Url":"http:\/\/www.linkedin.com\/in\/srinivastamada",
"CacheUrl":"http:\/\/cc.bingj.com\/cache.aspx?q=srinivas+tamada",
"DisplayUrl":"www.linkedin.com\/in\/srinivastamada",
"DateTime":"2011-02-11T08:26:00Z"
},

]}}}
```
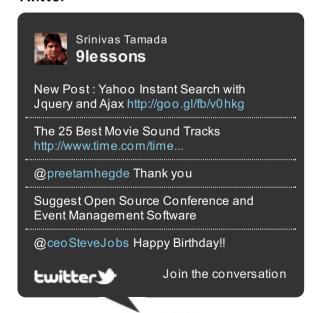
CSS

```css
#container
{
margin:0 auto;
width:700px;
}
```

community.

Smashing Magazine

Join into my community

The page you are trying to access is restricte

Twitter

Srinivas Tamada
9lessons

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Jquery and Ajax http://goo.gl/fb/v0hkg

The 25 Best Movie Sound Tracks
http://www.time.com/time...

@preetamhegde Thank you

Suggest Open Source Conference and
Event Management Software

@ceoSteveJobs Happy Birthday!!

twitter   Join the conversation

```css
.search_input
{
border:2px solid #333;
font-size:20px;
padding:5px;
width:350px;
font-family:'Georgia', Times New Roman, Times, serif;
-moz-border-radius:5px;-webkit-border-radius:5px;
}
#input_box
{
text-align:left;
width:640px;
}
#result
{
text-align:left;
}
.title
{
color:#006699;
font-size:16px;
padding-bottom:5px;
}
.title a
{
color:#cc0000;
text-decoration:none;
}
.desc
{
color:#333;
padding-bottom:5px;
}
.url
{
color:#006600;
}
.webresult
{
margin-top:10px;
padding-bottom:10px;
padding-left:5px;
```

```
border-bottom:1px dashed #dedede;
}
```

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Suriya said...

hi Srini its really a great search process keep doing the good job…

February 24, 2011 5:25 PM

iv0id said...

Hi

thanks you for this tutorial but i have a question, can we change the code so that the results came from a database that we created ?

February 24, 2011 5:42 PM

btcorp said...

Hi

So do it!

February 24, 2011 6:13 PM

Srinivas Tamada said...

@ivOid

Try this

http://www.9lessons.info/2009/08/twitter-like-search-with-jquery-ajax.html

February 24, 2011 6:14 PM

Anonymous said...

it 's beautiful bing api. but can i use with google api ?

February 24, 2011 6:38 PM

DamnCoolSites said...

I'm really glad to have found this blog!, and it
really looks interesting. thanks to the author.. your blog is VERY cool :D

February 24, 2011 9:14 PM

Anonymous said...

Olá, tem como eu exportar os links dos resultados para uma Arry em
php?

Fiquem com Deus.

February 25, 2011 2:28 AM

salvaxp1 said...

very good indeed

thanks!!

February 25, 2011 5:11 AM

Ramakrishnan said...

amazing script. srini keeps going on to discover

February 25, 2011 9:22 AM

Anonymous said...

Em php ficaria como?

February 26, 2011 5:51 AM

Beben Koben said...

like google result now bing search LoL
nice nice nice

February 26, 2011 4:02 PM

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