

Tricked Out News

RavenNuke - Adding custom AJAX search to the Search Module

spasticdonkey - Thu Oct 29, 2009 4:22 pm

Post subject: Adding custom AJAX search to the Search Module

You'll need a google api key, if I remember right they are universal so if you have a key for maps you can use that, or once you have a key you can use it for any of their stuff..

➔ <http://code.google.com/apis/base/signup.html>

and you'll need a custom search engine

➔ <http://www.google.com/cse/>

once you have that not too hard to get going. open modules/Search/index.php
find:

```
$pagetitle = '- '._SEARCH;
```

after add (replace YOUR_API_KEY and YOUR_CUSTOM_SEARCH_ENGINE with your info)

```
addJSToHead('http://www.google.com/jsapi?key=YOUR_API_KEY', 'file');

$inlineJS = '<script type="text/javascript">'. "\n";

$inlineJS .= 'google.load(\'search\', \'1\');'. "\n";

$inlineJS .= 'function OnLoad() {'. "\n";

$inlineJS .= 'var customSearchControl = new
google.search.CustomSearchControl(\'YOUR_CUSTOM_SEARCH_ENGINE\');'. "\n";

$inlineJS .= 'customSearchControl.draw(\'customsearchresults\');'. "\n";

$inlineJS .= 'customSearchControl.execute(\''.$query.'\');'. "\n";

$inlineJS .= '}'. "\n";

$inlineJS .= "google.setOnLoadCallback(OnLoad);\n";

$inlineJS .= '</script>'. "\n\n";

addJSToHead($inlineJS, 'inline');
```

find

```
.'<li> <a href="http://www.google.com/search?q='.$query.'"
target="new">Google</a></li>'

.'<li> <a href="http://groups.google.com/groups?q='.$query.'"
target="new">Google Groups</a></li>'

.'</ul>';

CloseTable();
```

after add

```
OpenTable();  
  
echo '<div id="customsearchresults">Loading...</div>';  
  
CloseTable();
```

DONE! 😊

unless you want to style the results to match your theme... which was actually harder than adding the code... 😞

google gives the ability to stylize the results, but there about 1000 different classes. I figured out how to stylize everything except the ads that appear sometimes, which load in an iframe so that's a whole different beast.. This ajax search is a beta so they may still be tinkering over at google.

here's the style info i came up with, only seemed to work if you associated it with the div id of your results.. change YOUR_STYLE_HERE to suit your theme:

```
#customsearchresults .gs-title * {YOUR_STYLE_HERE}  
  
#customsearchresults .gsc-trailing-more-results * {YOUR_STYLE_HERE}  
  
#customsearchresults .gs-visibleUrl-short {YOUR_STYLE_HERE}  
  
#customsearchresults .gsc-branding-text {YOUR_STYLE_HERE}  
  
#customsearchresults .gsc-tabHeader.gsc-tabActive {YOUR_STYLE_HERE}  
  
#customsearchresults .gsc-resultsHeader {YOUR_STYLE_HERE}  
  
#customsearchresults input.gsc-input {YOUR_STYLE_HERE}
```

to see it live in action checkout

<http://www.axis-and-allies.com/search.html>

and try a search for something like tank or armor which will return alot of results... also works from the nukeNAV modal search window! 😊

think thats it I'll check back later if anyone wants to give this a spin.. btw my custom search engine (CSE) searches a network of related sites, so not all links lead to my site, but you can certainly setup however you please... thats all in the CSE setup

Guardian - Sun Nov 15, 2009 7:20 am

Post subject:

To take advantage of Googles own search templates

Before

```
addJSToHead('http://www.google.com/jsapi?key=YOUR_API_KEY', 'file');
```

ADD

```
addCSSToHead('http://www.google.com/cse/style/look/YOUR_TEMPLATE.css', 'file');
```

Where YOUR_TEMPLATE is the name of the css file that google provides.

Change the two instances in the previous post of 'yoursutomsearchresults' to 'cse' and your done.[/code]

spasticdonkey - Mon Nov 16, 2009 8:31 am

Post subject:

very cool, thx 😊

there's a "Look and feel" setting in google cse that wasn't there when I did this demo.. 😊

Guardian - Thu Nov 19, 2009 6:29 pm

Post subject:

Yup! 😊

I decided after writing my post to download their CSS file and include it locally within the Search module after modifying it a little.

spasticdonkey - Thu Nov 19, 2009 7:21 pm

Post subject:

very nice styling 😊

bestbuildpc - Sun Jul 08, 2012 9:07 am

Post subject:

Can we do this in RavenNuke 2.5? I guess it won't be a problem right?

Edit: yes it is possible but Google changed the API key but it is working again.
