

## Do a barrel roll with your website!

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Recently I became aware of a cool easter egg on the google search page. You can see it by going to <https://www.google.com/search?q=do+a+barrel+roll>. If you are too busy to click on that link, I'll explain it for you. Basically, when you search for do a barrel roll, the page will rotate. I implemented this cool effect into this blog for webkit and mozilla users; simply type "do a barrel roll" into the search box and hit enter(or click search) and the site will rotate. Below is how you can implement it on your own site using native javascript, and how you can enhance it with jQuery to get a smoother effect or add easing.

I'll start with a simple search form. This is the site search form that I use on this blog:

```
<form method="get" id="searchform" action="http://www.google.com/search" target="_blank">
<input type="search" name="q" id="search-query" required="required" placeholder="Search Term">
<input type="hidden" name="q" value="site:tentonaxe.com">
<input type="hidden" name="client" value="tentonaxe.com">
<input type="hidden" name="safe" value="off">
<input type="hidden" name="pws" value="0">
<input type="submit" id="search-submit" value="Search">
</form>
```

For more information on how that search form works, visit the post by Ben Nadel that I copied it from. <http://www.bennadel.com/blog/2258-Using-Google-s-Targeted-Site-Search-Protocol-To-Search-My-Site.htm>.

Ok, so the form isn't anything fancy. The form has an id of searchform, and the term input has an id of search-query. We simply have to catch the submit event, check the value of the input, and then rotate the site if the value of the input is "do a barrel roll".

Here is the non-jquery version:

```
// get the element we want to rotate
var target = document.getElementsByTagName("html")[0], timer;
```

```
// function that makes the site rotate function rotate(degree) { // clear any existing
timers clearTimeout(timer); // set style for webkit browsers target.style['-webkit-
transform'] = 'rotate(' + degree + 'deg)'; // set style for mozilla browsers target.style['-
moz-transform'] = 'rotate(' + degree + 'deg)'; // if we are at 360 degrees, go to 0
degrees and exit if (degree === 360) { target.style['-webkit-transform'] = 'rotate(0deg)';
```

```
target.style['-moz-transform'] = 'rotate(0deg)'; return; } // after 5ms, rotate the site
another 10 degrees. timer = setTimeout(function() { rotate(degree+10);
console.log('1'); },5); } // on submit, rotate the website if search-query equals do a
barrel roll document.getElementById("searchform").onsubmit = function(){ if
(document.getElementById("search-query").value == 'do a barrel roll') { rotate(0);
return false; } }
```

Very simple. Just make sure the code exists after the search form, such as before the closing body tag.

As usual, jQuery allows us to enhance the functionality of the rotation so that it works on more browsers, runs smoother, and has more options. Include the jQuery Rotate plugin from here: <http://code.google.com/p/jqueryrotate/> and then use the following code:

```
$("#searchform").submit(function(e) {
if ($("#search-query").val() == 'do a barrel roll') {
e.preventDefault();
$("#html").rotate({
animateTo:360,
duration: 2500,
callback: function(){
// back to 0 degrees
$("#html").rotate(0);
}
});
}
});
```

Enjoy!