

MY SITE IS BROKEN!

Now what?

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“I've got nearly one hundred opportunities,
although not a single one involves a female.”

—Mr Carter

A blurry, overexposed photograph of a person's face, appearing to be in distress or crying. The person has dark hair and is wearing a light-colored shirt.

BREAK IT UP

A dramatic, low-key lighting photograph of a man in a dark suit and tie. He is looking directly at the camera with a serious, intense expression. His right hand is raised, pointing a handgun directly at the viewer. The background is dark and indistinct.

No, you're insane.

TRY SOMETHING ELSE!

- Different computer
- 
- Different browser
- <http://downforeveryoneorjustme.com/>



Dumbassery

- It didn't work
- It's broken
- It's not right
- I tried everything

Survivability

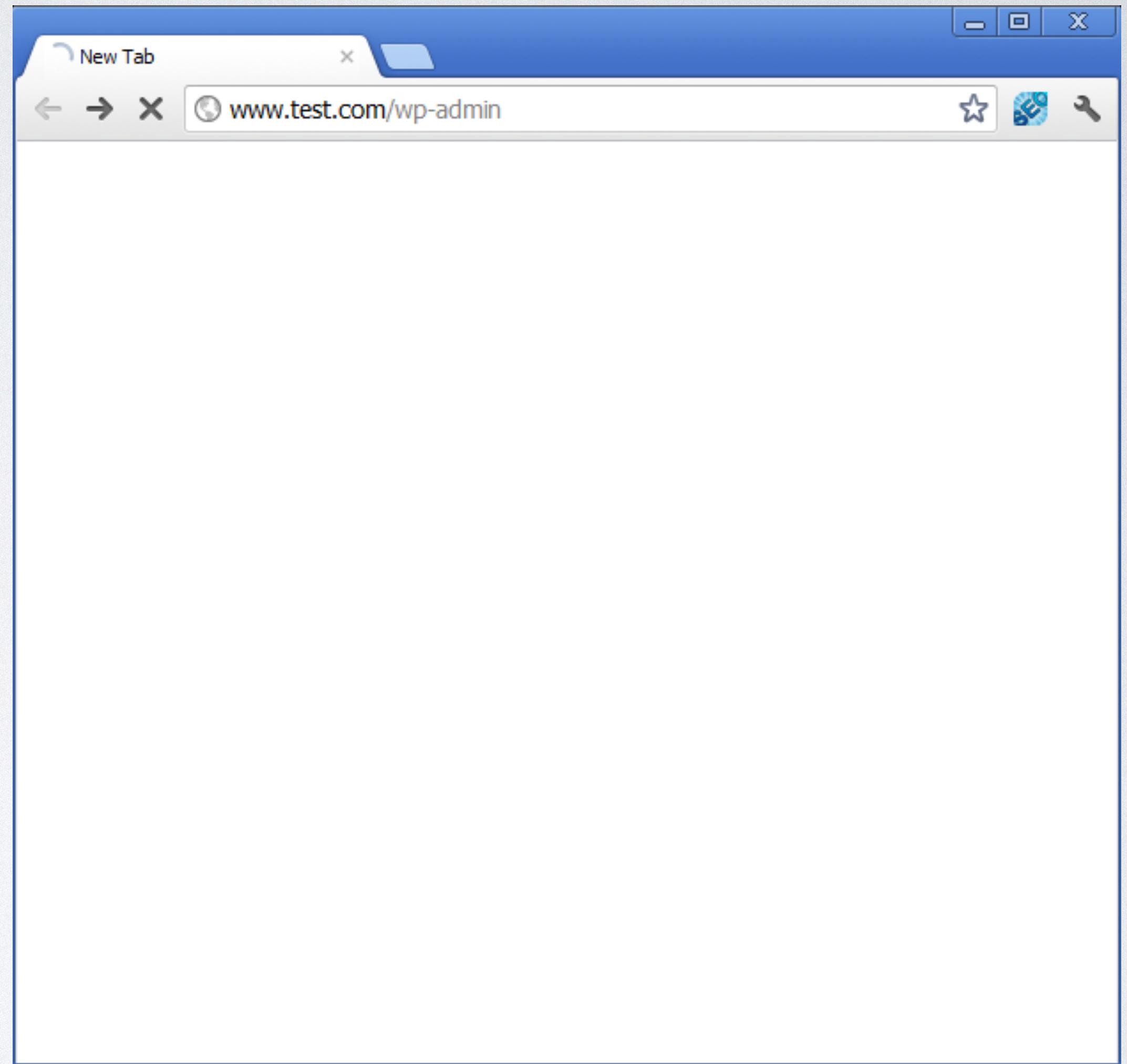
- I cleared my cookies, reset the snozzle dizzle
- I expected it to be blue, but it turned red instead
- Thanks!

“In theory, theory and practice are the same.
In practice, they are not.”

—Jan L.A. van de Snepscheut

THE WHITE SCREEN OF DEATH

It could be worse...



NOOOOOOOOOOOOooooooooooooooo!!!!!!

Warning: mysqli_connect(): (28000/1045): Access denied for user 'rootizzle'@'localhost' (using password: YES) in **/vagrant/code/public/test.php** on line **2**

Fatal error: Uncaught exception 'Exception' with message 'Unable to connect to db' in **/vagrant/code/public/test.php:11** Stack trace: #0 **/vagrant/code/public/test.php(6):** DB->connect('databse-login', 'MYpassword') #1 **/vagrant/code/public/test.php(15):** DB->__construct() #2 {main} thrown in **/vagrant/code/public/test.php** on line **11**

CHECK THE LOGS!

- php_err.log
- /var/log/apache2/sitename.com-error.log
- /var/log/php_err.log
- /var/log/php5/error.log
- /etc/lib/php5/log/php_error.log **WTF**

GNU nano 2.2.6

File: /etc/

```
; It's recommended that errors be lo  
; having the errors sent to STDOUT.  
; Possible Values:  
; Off = Do not display any errors  
; stderr = Display errors to STDERR  
; On or stdout = Display errors to  
; Default Value: On  
; Development Value: On  
; Production Value: Off  
; http://php.net/display-errors  
display_errors = On  
  
; The display of errors which occur  
; separately from display_errors. PH
```

directory /var/www/html>

Require all granted
AllowOverride all

php_flag display_errors on
Directory>

```
<?php  
ini_set('display_errors', 'on');
```

**YOU HAVE BEEN
HACKED !**

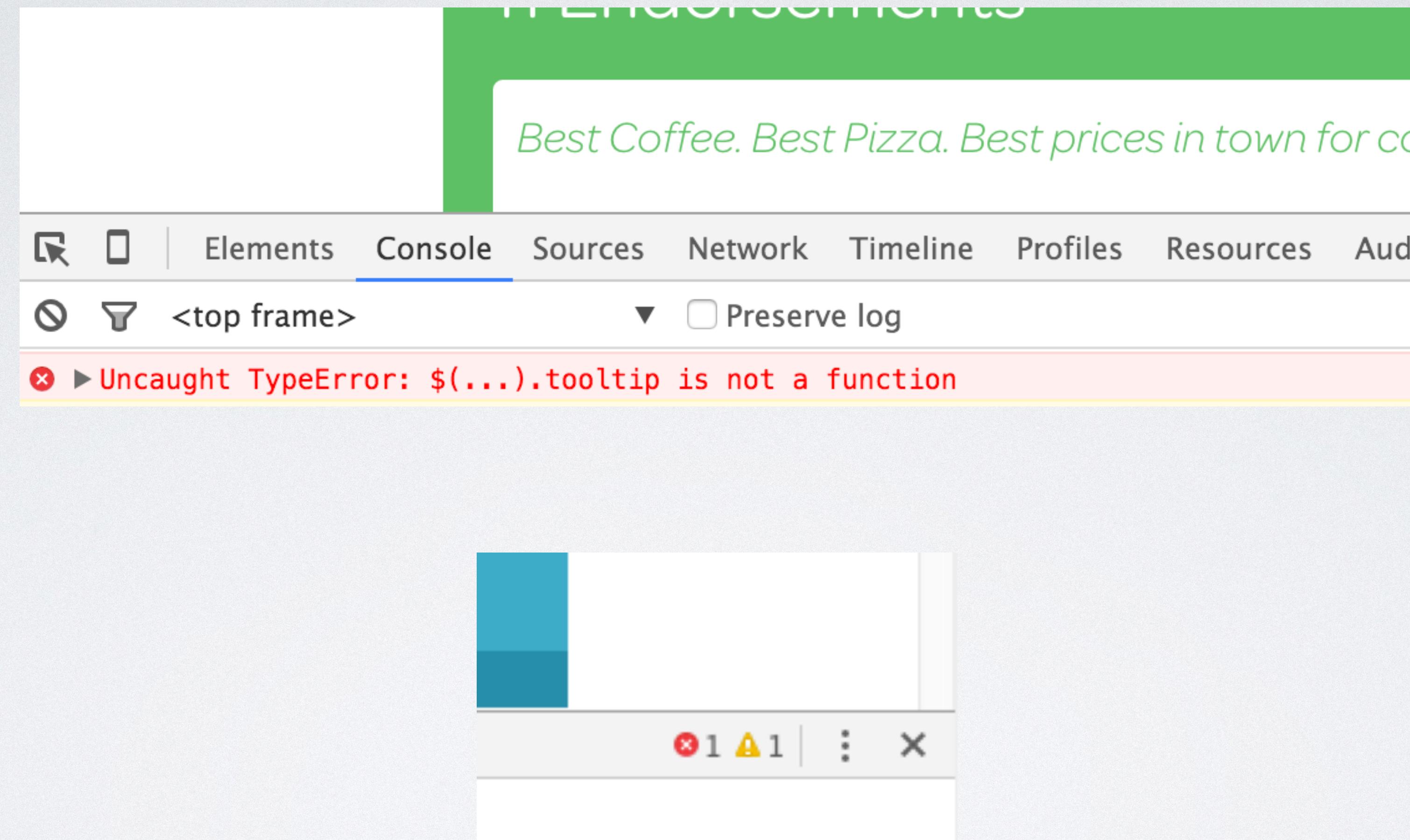
##

www.coolsite.com/#

It keeps scrolling to the top!



HEY!
Good job



- “break it up” again
- uninstall things
- check resources are loaded
- ctrl/command-z + ctrl/command-r

47% of consumers expect a web page
to load in 2 seconds or less.

–Sean Work, **kissmetrics**

SUDDENLY MY SITE IS SLOW

- You know what you did
- Something you just installed
- Don't uninstall / don't remove - figure out why?

MySQL - YOU'RE KILLING ME

GNU nano 2.0.9

File: wp-config.php

```
<?php
define('SAVEQUERIES', true);

/**
 * The base configurations of the WordPress.
 *
 * This file has the following configurations: M
 * Secret Keys, WordPress Language, and ABS PATH.
 * by visiting {@link http://codex.wordpress.org
 * wp-config.php} Codex page. You can get the My
 *
 * This file is used by the wp-config.php creati
 * installation. You don't have to use the web s
 * to "wp-config.php" and fill in the values.
 *
 * @package WordPress
 */

// ** MySQL settings - You can get this info fro
/** The name of the database for WordPress */
```

GNU nano 2.0.9

File: index.php

```

*
* @var bool
*/
define('WP_USE_THEMES', true);

/** Loads the WordPress Environment and Template */
require( dirname( __FILE__ ) . '/wp-blog-header.php' );

if (SAVEQUERIES) {
    echo "<!--\n";
    print_r($wpdb->queries);
    echo "\n-->\n";
}

Array
(
    [0] => Array
    (
        [0] => SELECT option_name, option_value FROM wp_options WHERE autoload = 'yes'
        [1] => 0.00068283081054688
        [2] => require('wp-blog-header.php'), require_once('wp-load.php'), require_once('wp-conf
is_blog_installed, wp_load_alloptions
    )

    [1] => Array
    (
        [0] => SELECT option_value FROM wp_options WHERE option_name = 'akismet_comment_nonce' L
        [1] => 0.00028896331787109
        [2] => require('wp-blog-header.php'), require_once('wp-load.php'), require_once('wp-conf
call_user_func_array, Akismet::init, Akismet::init_hooks, get_option
    )

    [2] => Array
    (
        [0] =>
            SELECT ID, post_name, post_parent, post_type
            FROM wp_posts
            WHERE post_name IN ('blog')
            AND post_type IN ('page','attachment')

        [1] => 0.00047397613525391
        [2] => require('wp-blog-header.php'), wp, WP->main, WP->query_posts, WP_Query->query, WP
```

- Track down the mysql
- See if that's the cause
- Try “explain?”

```
1 • explain select * from user u left join user_subscription us on u.id=us.id where u.id=1000001
```

100% 93:1

Result Grid | Filter Rows: Search Export:

id	select_type	table	type	possible_keys	key	key_len	ref	rows	Extra
▶ 1	SIMPLE	u	const	PRIMARY	PRIMARY	4	const	1	
1	SIMPLE	us	const	PRIMARY	PRIMARY	4	const	0	unique row not found



```
1 • explain select * from user u left join user_subscription us on u.id=us.id where u.last_name='saray'
```

100% 100:1

Result Grid | Filter Rows: Search Export:

id	select_type	table	type	possible_keys	key	key_len	ref	rows	Extra
▶ 1	SIMPLE	u	ALL	NUL	NUL	NUL	NUL	21374	Using where
1	SIMPLE	us	eq_ref	PRIMARY	PRIMARY	4	ssu3.u.id	1	



LET'S REVIEW

- Learn to solve problems & Don't be a Dumbass
- Check logs
- Check console
- Don't ignore MySQL

A massive nuclear explosion dominates the center of the frame. A bright, white-yellow fireball is at the top, surrounded by a dense ring of orange and red fire. Below the fireball, a large, dark grey and black mushroom cloud rises into a dark, reddish-orange sky. The base of the explosion is obscured by a thick, billowing plume of white smoke and debris. In the foreground, the city of Hiroshima is visible, showing numerous buildings and structures partially obscured by smoke and fire. The overall scene is one of a catastrophic event.

The End

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