

Writing Good

(and Friendly)

Code

<http://slides.jkudish.com>



AUTOMATTIC

- Parent company behind WordPress.com, Jetpack, VaultPress, Akismet, Polldaddy, Gravatar, VideoPress, IntenseDebate, Simperium, Simplenote, CloudUp
- Big open source contributors
- 300+ people, 30+ countries, 138 cities; distributed since day 1
- Always hiring: <http://automattic.com/work-with-us/>

**What is
good code?**



***Well let's start
with the bad.***

Bad code is usually the
accumulation of multiple
small shortcuts or
concessions.




```
$var = (true ? 'Foo' : false ? 'Bar' : 'Baz');
```

WAT



If you have no idea what i'm talking about:
<https://www.destroyallsoftware.com/talks/wat>

CLEVER

CLEVER

CLEVER

Don't be too

CLEVER

CLEVER

CLEVER

```
$pieces = explode( '.', $image_name );  
$extension = array_pop( $pieces );
```

CLEVER

CLEVER

CLEVER

Don't Repeat Yourself (DRY)

```
<?php if (CURRENT_LANGUAGE == 'en') { ?> <body  
class="en"> <?php } ?>  
<?php if (CURRENT_LANGUAGE == 'fr') { ?> <body  
class="fr"> <?php } ?>  
<?php if (CURRENT_LANGUAGE == 'ar') { ?> <body  
class="ar"> <?php } ?>  
<?php if (CURRENT_LANGUAGE == 'tr') { ?> <body  
class="tr"> <?php } ?>
```

moggy

victor

sausage

poppy

currant

punch

fugdy

```
class C {  
  function __construct() {  
    $a = 'start';  
    $b = function_exists( $a ) ? $a : '  
      delayed_start';  
    $b();  
  }  
}
```

Names are important

gnasher

garlic

harry

skipper

jess

sammy

blue

trixie

But don't over do it

```
$the_ID_of_the_post_that_was_scheduled_last_week = 20;
```



A large crowd of people is shown at night, illuminated by warm orange and red lights. The scene is dark, with the primary light source being the ambient glow of the crowd. Several bright white lights, likely from mobile phones, are visible, scattered throughout the crowd. The overall atmosphere is one of a large gathering or event.

***Be a good dev
citizen***

Namespace your code

```
namespace wpmeetup;

function speaker() {
    ...
}

-----

function wpmeetup_speaker() {
    ...
}

-----


class WP_Meetup_speaker() {
    ...
}
```



Always keep an eye on Security

```
<input type="text" name="user" value='<?php echo $_GET['user']; ?>'>
```

```
<?php echo esc_attr( $_GET['user'] ); ?>
```

A white security camera is mounted on a textured orange wall. The camera is angled downwards and to the left, casting a long, dark shadow across the wall. The shadow is cast by the camera's mounting bracket and the camera body itself.

***Use modern techniques
& technologies
whenever possible***



***Provide useful and
timely errors***



Write good commit messages



***Code reviews are
important***



Use tools that help you



```

191 -         <?php the_post_thumbnail(); ?>
192 -     </div><!-- .post-thumbnail -->
193 -
194 -     <?php else : ?>
195 -
196 -     <a class="post-thumbnail" href="<?php the_permalink(); ?>" aria-hidden="true">
197 -         <?php
198 -             the_post_thumbnail( 'post-thumbnail', array( 'alt' => get_the_title() ) );
199 -         ?>
200 -     </a>
187 +     $output = '';
188 +     if(is_singular()){
189 +         $thumbnail = get_the_post_thumbnail(null, 'post-thumbnail', '');

```

Write

Preview

Markdown supported Edit in fullscreen

Please use WordPress coding standards in the function call

Attach images by dragging & dropping, selecting them, or pasting from the clipboard.

Cancel

Comment

```

190 +         if($thumbnail){
191 +             $output .= '<div class="post-thumbnail">';
192 +             $output .= $thumbnail;
193 +             $output .= '</div><!-- .post-thumbnail -->';
194 +         }
195 +     } else {
196 +         $thumbnail = get_the_post_thumbnail( null, 'post-thumbnail', array( 'alt' => get_the_title() ) );
197 +         if($thumbnail) {
198 +             $output .= '<a class="post-thumbnail" href="' . the_permalink() . '" aria-hidden="true">
199 +                 $output .= $thumbnail;

```



Don't point the finger

***Pair programming is a
great way to learn and
advance a project
forward***





Automate all the things

***linters, unit & integration
tests, IDEs, continuous
delivery***

In conclusion

**Please
Do Your
Job**

Q&A and Discussion

<http://slides.jkudish.com>

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