

Semantics & Maintenance

Mae Paulino

Front-end Developer

syndeolabs | g2ix

i'm in ur fizx lab



testn ur string therry



HELPER CAT IS HELPING

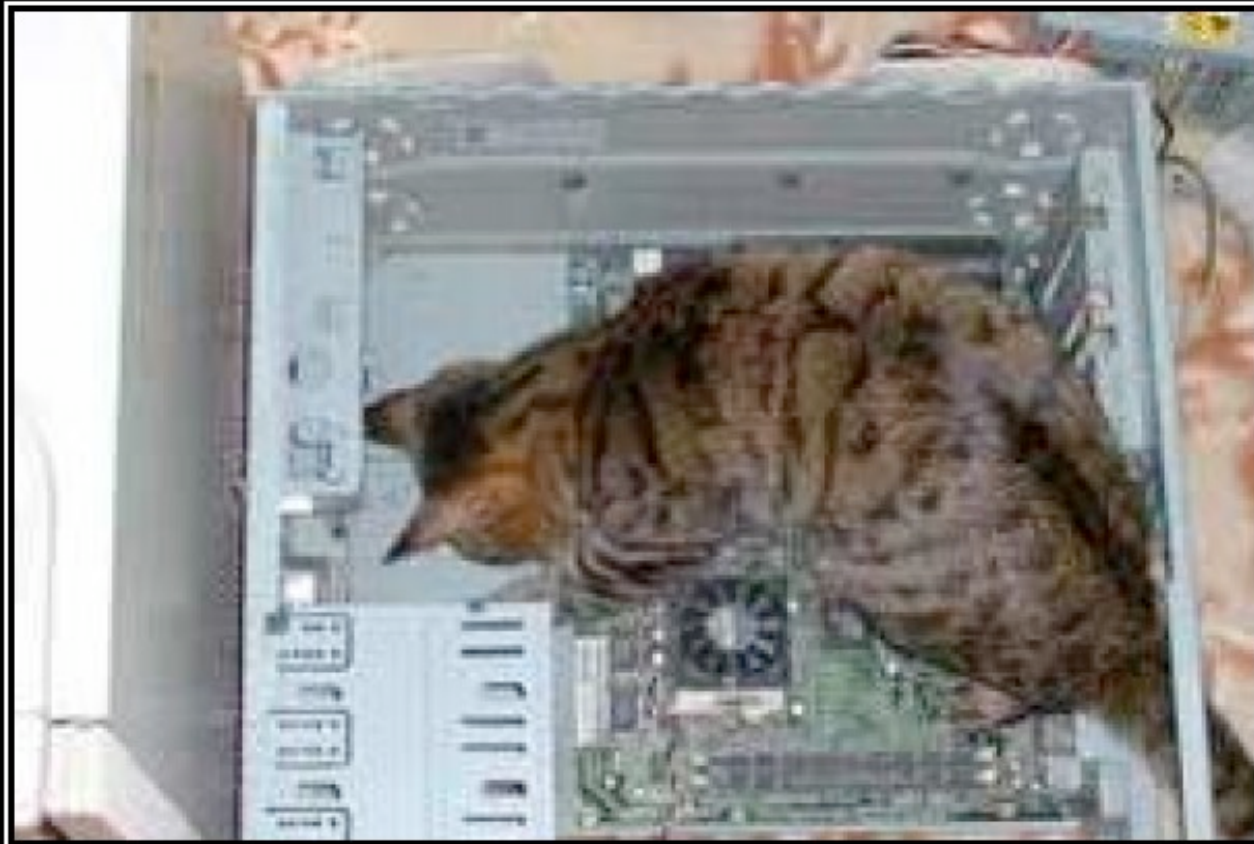


Geek Squad



iz equal opportunity employer!

JOHNHASCHEEZBURGER.COM 🍷 🍷



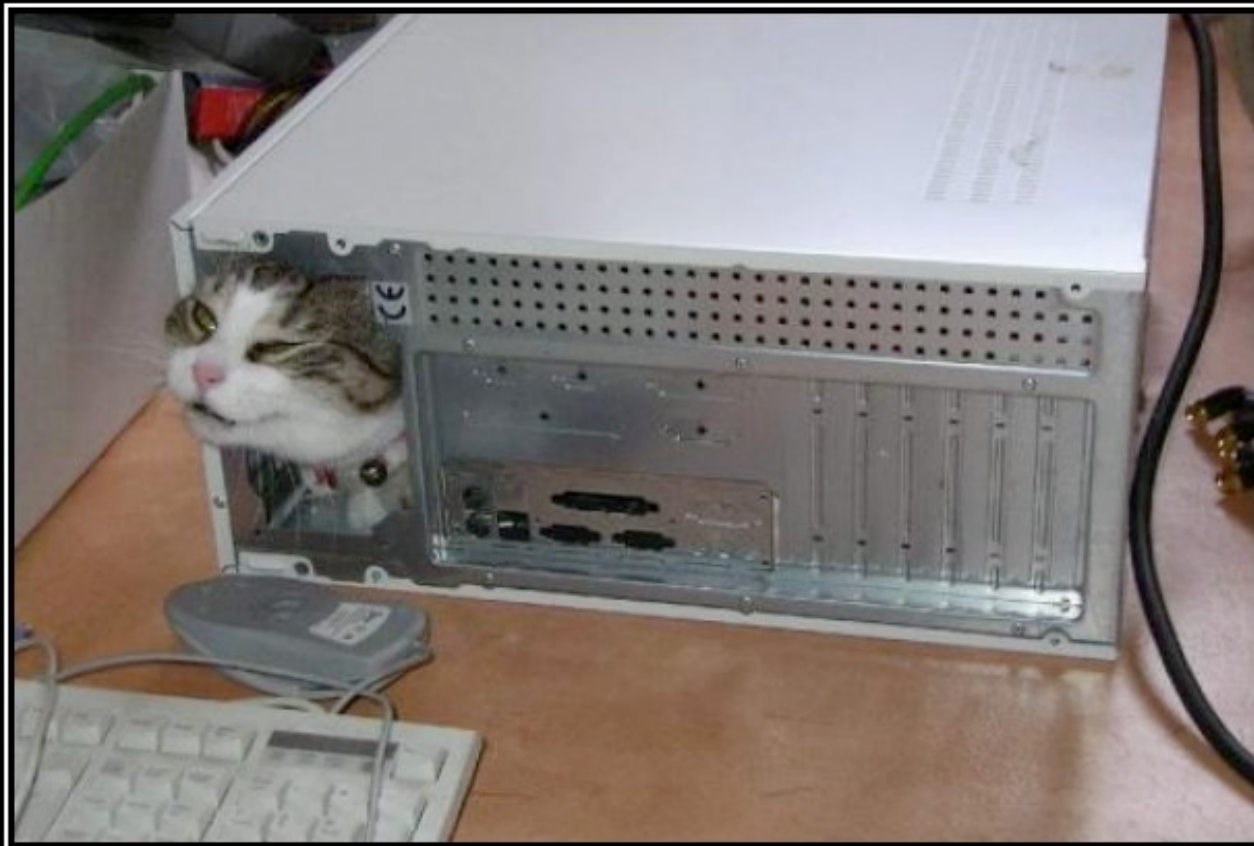
THE PROBLEM

I Found It

Im in ur computer



makin ur graphix



OVERCLOCK CAT

I'm in case, coolin ur CPU



SURPRIZE!

You Gotz a lolcat

ICANHASCHEEZBURGER.COM 🍷 🍷 🍷

cant wurk 2day



i haz a bug

why ur hed jus asplode?



wuz it my cuteness? sry.

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SEMANTICS

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Using the right code/tag/element, IDs and class names that *describes* the content

Wrong:

```
<p class="header">
```

```
  <strong>
```

```
    This is a header
```

```
  </strong>
```

```
</p>
```

Wrong:

```
<p class="header">  
  <strong>  
    This is a header  
  </strong>  
</p>
```

Right:

```
<h1>  
  This is a header  
</h1>
```

Wrong:

```
<table>
  <tr>
    <td width="40%">
      <img />
    </td>
    <td width="40%">
      <img />
    </td>
  </tr>
</table>
```

Wrong:

```
<table>
  <tr>
    <td width="40%">
      <img />
    </td>
    <td width="40%">
      <img />
    </td>
  </tr>
</table>
```

Right:

```
<ul class="images-list">
  <li>
    <img />
  </li>
  <li>
    <img />
  </li>
</ul>
```

BE SEMANTIC

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- The specs is your friend

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- Look at your page with and without the style

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- Look at your page with and without the style
- Think of the hierarchy

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Use:

images-list-vertical

BE SEMANTIC

- The specs is your friend
- Look at your page with and without the style
- Think of the hierarchy
- Not limited to just tags
 - Avoid presentational IDs and class names
 - Be generic and descriptive

Use:

images-list-vertical

~~images-home-list~~

USE GENERIC IDS & CLASS NAMES

As much as possible. Keep in mind the future uses of the class names.



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- Don't be afraid to rewrite/revise

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- IDs for main parts of the site, classes for everything else

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CSS:

- Avoid adding specific height/width in every element as much as possible

YOU ARE NOT ALONE

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- Comment everything (Or at least make the IDs and class names self-explanatory)

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- Organize CSS (hierarchy)

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Example:

```
#header {}  
  #header ul {}
```

OPTIMIZE YOUR HTML & CSS



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- If you get dizzy just by looking at your newly optimized CSS/HTML files, you *might* have overdone it

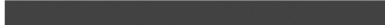
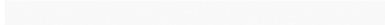
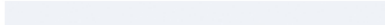
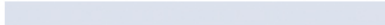
OPTIMIZE YOUR HTML & CSS

- If you get dizzy just by looking at your newly optimized CSS/HTML files, you *might* have overdone it
- Delete markups and selectors that aren't in use and properties like the following:
 - `border:0 solid #000`

OPTIMIZE YOUR HTML & CSS

- If you get dizzy just by looking at your newly optimized CSS/HTML files, you *might* have overdone it
- Delete markups and selectors that aren't in use and properties like the following:
 - `border:0 solid #000`
- Use only what is necessary

ADHERE TO A STYLEGUIDE

Facebook Blue		
Facebook Blue	#3b5998	
Text Colours		
Light Text	#999999	
Medium Text	#666666	
Dark Text	#333333	
Link/Anchor Text	#3b5998	
Grey Box		
Background	#f7f7f7	
Border	#cccccc	
Blue Box		
Background	#eceff6	
Border	#d4dae8	
Information Box		
Background	#fff9d7	
Border	#e2c822	
Error Box		
Background	#ffebe8	
Border	#dd3c10	

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- Treat it as if it's your bible

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- Prepare it beforehand

ADHERE TO A STYLE GUIDE

- Treat it as if it's your bible
- Prepare it beforehand
- Be strict in implementing it

SUMMARY

SUMMARY

- Be concise

SUMMARY

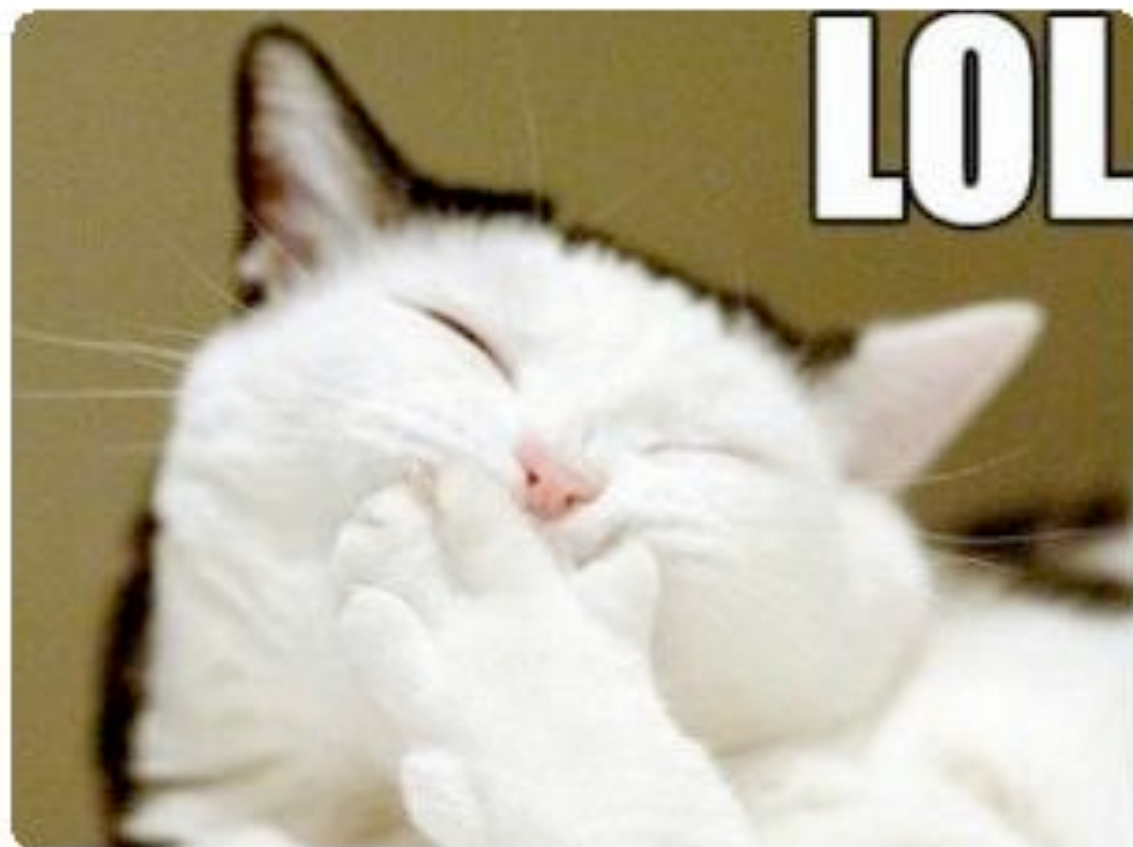
- Be concise
- Use structural classes and IDs and/or add comments

SUMMARY

- Be concise
- Use structural classes and IDs and/or add comments
- Optimize your code

SUMMARY

- Be concise
- Use structural classes and IDs and/or add comments
- Optimize your code
- Stick to your style guide



Thank you!

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<http://tech-hive.com>