

From Concepts To Code

A presentation in two parts by
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<http://flickr.com/photos/jgarber/2901913166/>

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~~Anal Developer-Type~~

User Interface Architect, Mixx



<http://flickr.com/photos/jgarber/2846936119/>



<http://flickr.com/photos/brewbooks/2443767203/>

Previously, on LOST...

From Comp to Code



<http://flickr.com/photos/docman/36125185/>

Tools of the Trade

- ▶ Photoshop
- ▶ TextMate
- ▶ MAMP
- ▶ Transmit
- ▶ Parallels & Windows XP
- ▶ Browsers

Let's Get Building

**WORLD CENTERS OF
COMPASSION
FOR CHILDREN
INTERNATIONAL**

When Mrs. Williams is asked why she works so hard to create a just and peaceful world for the children, her reply is simple, "It's like eating Quaker oats, it's the right thing to do."

About Initiatives Get Involved News & Events Partners Peace Word Photo Gallery Contact Us

Our mission is to create a strong political voice for children in areas of stress due to war, hunger or social, economic, or political upheaval and to respond to their expressed needs materially and emotionally.

[Read more ▶](#)

GET INVOLVED

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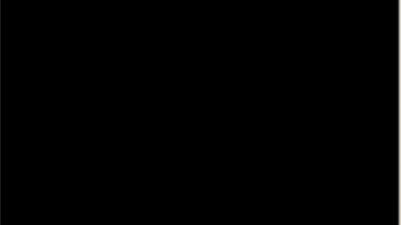
News & Events



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Cities of Peace



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Get Involved



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▶ Consider the Design

Consider the Design



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[Read more ▶](#)



GET INVOLVED

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News & Events

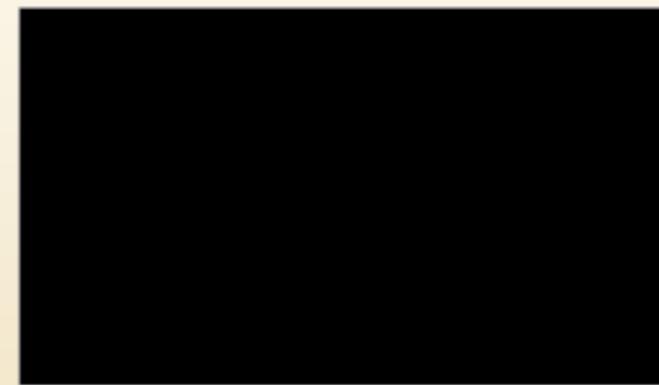


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Cities of Peace



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Get Involved



```
<!--//W3C//DTD XHTML 1.0 Transitional//EN-->
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>World Centers of Compassion for Children International</title>
    <link href="http://yui.yahooapis.com/2.9.0/build/stylesheet/screen.css" type="stylesheet" media="screen" />
    <link href="http://yui.yahooapis.com/2.9.0/build/stylesheet/buggy-fixes.css" type="stylesheet" media="screen" />
    <link href="http://wccci.org/images/favicon.ico" type="image/x-icon" rel="shortcut icon" />
  </head>
  <body>
    <div id="hd">
      <small>When Mrs. Williams is asked why she works so hard to create a just world, she replies, "I want my children to have what I never had."</small>
      
      <h1 id="logo"><a href="#" rel="home">World Centers of Compassion for Children International</a></h1>
      <ul id="nav-primary" class="clear">
        <li id="nav-about"><a href="#"><em class="alt">About Us</em></a></li>
        <li id="nav-our-work"><a href="#"><em class="alt">Our Work</em></a></li>
        <li id="nav-getinvolved"><a href="#"><em class="alt">Get Involved</em></a></li>
        <li id="nav-news"><a href="#"><em class="alt">News & Events</em></a></li>
        <li id="nav-partners"><a href="#"><em class="alt">Partners</em></a></li>
        <li id="nav-your-voice"><a href="#"><em class="alt">Your Voice</em></a></li>
        <li id="nav-gallery"><a href="#"><em class="alt">Photo Gallery</em></a></li>
        <li id="nav-contact"><a href="#"><em class="alt">Contact Us</em></a></li>
      </ul>
    </div>
    <div id="bd" class="clear">
      <div id="splash">
        
      </div>
    </div>
  </body>
</html>
```

Start Coding

Basic Page Structure

```
<body>
  <div id="doc">
    <div id="hd">
      <h1 id="logo">...</h1>
      <ul id="nav-primary">
        ...
      </ul>
    </div>
    <div id="bd">
      ...
    </div>
    <div id="ft">
      <ul id="nav-footer">
        ...
      </ul>
    </div>
  </div>
</body>
```



<http://flickr.com/photos/gokrzy/961131109/>

Start Cutting Graphics

Building our Navigation

Optimized Graphics



About Us

Our Work

Get Involved

News & Events

Partners

Your Voice

Photo Gallery

Contact Us

About Us

Our Work

Get Involved

News & Events

Partners

Your Voice

Photo Gallery

Contact Us

About Us

Our Work

Get Involved

News & Events

Partners

Your Voice

Photo Gallery

Contact Us

The Markup

```
<ul id="nav-primary" class="clear">
  <li id="nav-about"><a href="#">About Us</a></li>
  <li id="nav-our-work"><a href="#">Our Work</a></li>
  <li id="nav-get-involved"><a href="#">Get Involved</a></li>
  <li id="nav-news"><a href="#">News & Events</a></li>
  <li id="nav-partners"><a href="#">Partners</a></li>
  <li id="nav-your-voice"><a href="#">Your Voice</a></li>
  <li id="nav-gallery"><a href="#">Photo Gallery</a></li>
  <li id="nav-contact"><a href="#">Contact Us</a></li>
</ul>
```

The Style

```
.clear:after {  
    display: block;  
    visibility: hidden;  
    clear: both;  
    height: 0;  
    content: "";  
}  
  
ul#nav-primary li {  
    float: left;  
}  
  
ul#nav-primary li a {  
    display: block;  
    height: 45px;  
    text-indent: -9999px;  
    background-repeat: no-repeat;  
    background-image: url("../images/nav-bg.gif");  
}
```

The Style

```
li#nav-about a {  
    width: 110px;  
    background-position: 0 0;  
}  
  
li#nav-about a.current {  
    background-position: 0 -45px;  
}  
  
li#nav-our-work a {  
    width: 112px;  
    background-position: -110px 0;  
}  
  
li#nav-our-work a.current {  
    background-position: -110px -45px;  
}
```



<http://flickr.com/photos/ndm007/2263096501/>

Refactor and Refine



<http://flickr.com/photos/kk/35407674/>

Taming IE

buggy.css

- Give height to min-height elements for IE6
- $* \text{html}, \text{_property}, *\text{property}$
- Use “zoom: 1” to trigger IE’s hasLayout



<http://flickr.com/photos/sevenmorris/91905635/>

Testing... Testing...

Wrapping Up

- ▶ Consider the Design
- ▶ Start Coding
- ▶ Start Cutting Graphics
- ▶ Refactor and Refine
- ▶ Test, Test, Test

Questions?



<http://flickr.com/photos/apelad/535385049/>