

Vertex

Vertex documentation - Theme designed and developed by RipePixel.

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A. Overview

Vertex is the perfect way for any business or firm to display their app. It is also suitable for general design firm and portfolio websites. Vertex is a single page website built using the Bootstrap framework making it easily customizable and fully responsive.

Main Features:

- Multi-purpose, clean design
- Responsive
- Three slider variations
- Three color schemes
- Bootstrap framework
- JQuery Bxslider
- JQuery lightbox
- Pricing tables
- Custom tab jquery script
- CSS3 animations
- Layered PSD included
- Much more

B. HTML Structure

Vertex is broken into logical sections using the HTML5 tag “<section>”. Each section has its own container which holds the content for that section.

For example, take a look at the header section:

```
<header>
  <div class="container">

    <!-- content goes here -->

  </div>
</header>
```

Anything that is put inside the container class will have a fixed width and be centered on the page. This is where you will want to put your content. Anything placed outside of the container will not be fixed and centered. For instance, if you wanted to put a background image that stretches the full width of the header you would apply a css style to the <header> tag (not the container).

Header background image example:

```
header {
  background: url('../images/headerBg.png');
  background-size: cover;
}
```

Within each section container, you will notice “col-lg-x” class occurring quite frequently. This classes is used to build the fundamental building blocks of Vertex using the bootstrap framework. Col-lg-6 means that section will be 6 columns wide (out of 12).

For example, say you want a section to have three horizontal columns of content. Each content block would have to be 4 columns wide (12 divided by 3 equals 4). Take a look at the following code:

```

<section id= "yourSection">
  <div class = "container">
    <div class= "row">
      <div class= "col-lg-4">
        Your content here
      </div>
      <div class= "col-lg-4">
        Your content here
      </div>
      <div class= "col-lg-4">
        Your content here
      </div>
    </div>
  </div>
</section>

```

That is the fundamental structure of Vertex. Customizing content and styles within each section is easy. Say you want to change the h4 color in the features section:

```
#features h1 { color: red }
```

If the style is not overriding, it is probably because are not being specific enough. Check if the element you are trying to change has a unique id, you can target it specifically using that.

B. CSS Structure

Vertex uses five external stylesheets total, however, you only have to worry about the main stylesheet (style.css). Unless you want to customize the look of a JQuery plugin.

At the top of the main stylesheet, there is a very simple reset, followed by the global styles. Global styles are any styles that are not specific to a certain section. This is where you define the things like the font family, color and size that will be applied to the entire site. Each section in the html file has a corresponding section in the main stylesheet where all of the elements within that section are styled. The CSS sections are ordered in the same order as they are found in the html file.

If you want to customize the responsive qualities of Vertex, you will want to edit the responsive.css file. Note that a majority of Vertex's responsive qualities are being inherited from the bootstrap framework. To customize these qualities you will have to refer to the bootstrap documentation.

C. JavaScript (jQuery)

All Javascript imports and script can be found at the bottom of the index.html file.

Vertex imports 7 external JavaScript files:

1. jquery
2. bootstrap
3. bxslider
4. Custom tab script
5. Lightbox
6. scrollTo
7. nav

1. JQuery (jquery.js)

JQuery is a JavaScript library that reduces the amount of code required to make the site function. JQuery is **required** for the site to function properly.

Source: <http://jquery.com/>

2. Bootstrap (bootstrap.min.js)

Bootstrap is a front-end framework that enables faster and more efficient web development. Bootstrap is **required** for the site to function properly.

Source: <http://getbootstrap.com/>

3. Bxslider (jquery.bxslider.min.js)

Bxslider is a responsive jQuery content slider. This plugin is used twice in the Vertex theme: the main slider section and the testimonial section. In order to use Bxslider, you have to activate it for each instance. Scroll down in index.html to see where the bxslider has been activated (directly under the JavaScript imports). This is where you can customize the specific settings for each slider instance. To learn more about how to do this, visit the link below.

Source: <http://bxslider.com/>

4. Custom tab script (tabs.js)

This is a custom script written specifically for Vertex. Its purpose is to make the tab system in the "Faq" section function. It is well commented and fairly simplistic.

5. Lightbox (lightbox-2.6.min.js)

Lightbox is a plugin used to elegantly display images within Vertex. It is simple to use. Add a `data-lightbox` attribute to any image link to activate Lightbox. For the value of the attribute, use a unique name for each image. For example:

```
<a href="img/image-1.jpg" data-lightbox="image-1" title="My caption">image  
#1</a>
```

Optional: Set the `title` attribute if you want to show a caption.

Source: <http://lokeshdhakar.com/projects/lightbox2/>

6. `scrollTo` (`jquery.scrollTo.js`)

`scrollTo.js` combined with `nav.js` provides the navigation and scrolling animation used in Vertex. These plugins are activated in the `index.html` file below the JavaScript imports. Visit the tutorial linked below to learn more about these plugins and how they are used:

Source: <http://trevordavis.net/blog/jquery-one-page-navigation-plugin>

7. `nav` (`jquery.nav.js`)

See number 6 above.

Misc JavaScript:

At the very bottom of the `index.html` file this is a bit a script used to control the image mouseover effects for the “screenshots” section.

C. PSD File

The Vertex download includes a PSD file of the design. The PSD will be extremely useful if you would like to customize any of the graphical assets used in Vertex. Simply open the PSD. Locate the graphic you want to manipulate. Make desired adjustments. Slice it into an image and insert the image into the code. Note: if you are replacing an image, you should make sure it has the exact same pixel dimensions of the image it is replacing.

The PSD is organized into the same logical sections that the `html` file is:

- Header
- Slider
- Sub-slider message
- Features
- Screenshots
- Promo box
- How It Works
- Pricing Tables
- Testimonials
- Faqs

- Our Team
- Contact
- Footer

Credits:

Fonts

- Lovelo (<http://fontfabric.com/lovelo-font/>)
- Proxima Nova (<http://www.marksimonson.com/fonts/view/proxima-nova>)

Images

- Mark Sebastian (<http://www.flickr.com/photos/markjsebastian/with/2303393275/>)

Icons

- Batch (<http://dribbble.com/shots/824696-Batch-300-Pictographs-for-Web-User-Interface-Design?list=searches&tag=batch>)