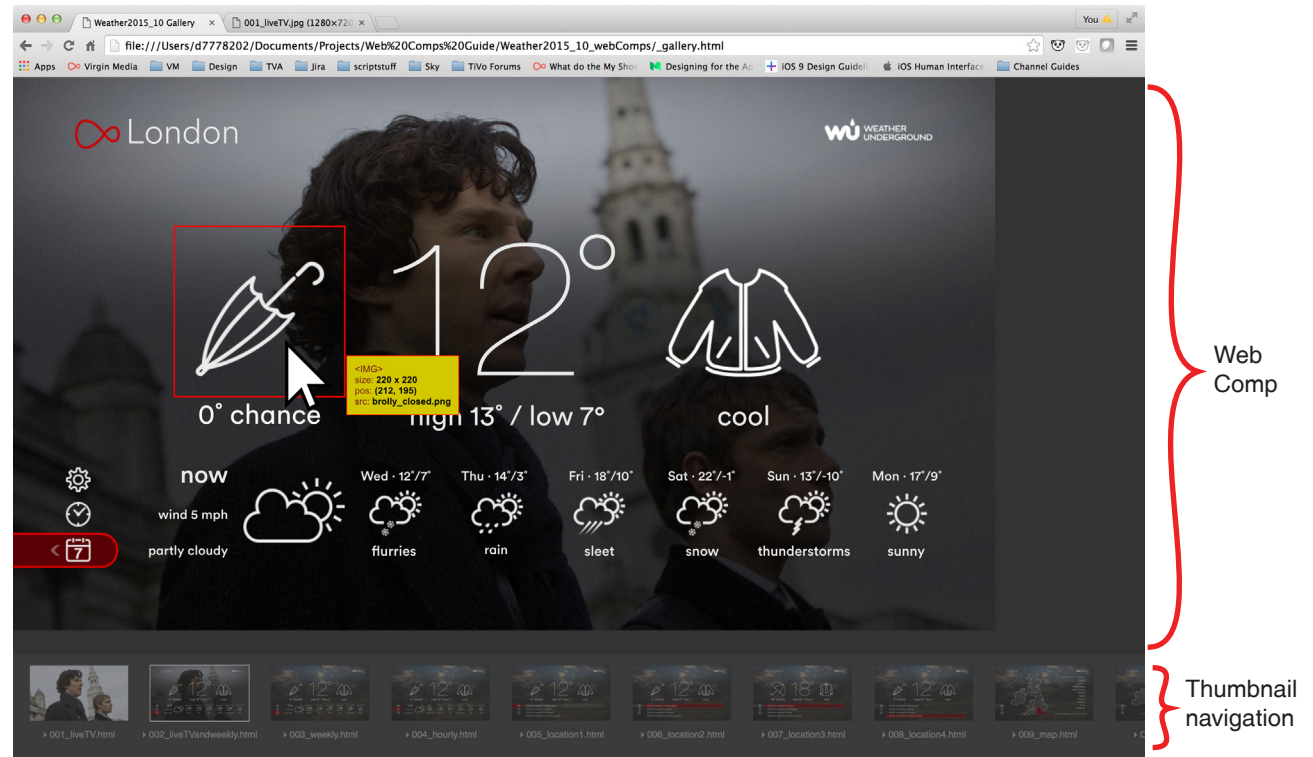# Web Comps User Guide
## Reference for Developers

10 May 2016

What are Web Comps?

Web Comps are browser-compatible files translated from Photoshop that act as final comprehensive layouts for developers. From them a developer can quickly and interactively retrieve from a design any fonts, colours, sizes, positions, source images, or distances.

A Web Comp Tutorial

Here are a step-by-step instructions the typical use of Web Comps. The Google Chrome browser is recommended.
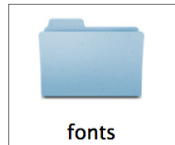
The example used in this tutorial is called **Weather2015_10_ WebComps** can be used for reference.
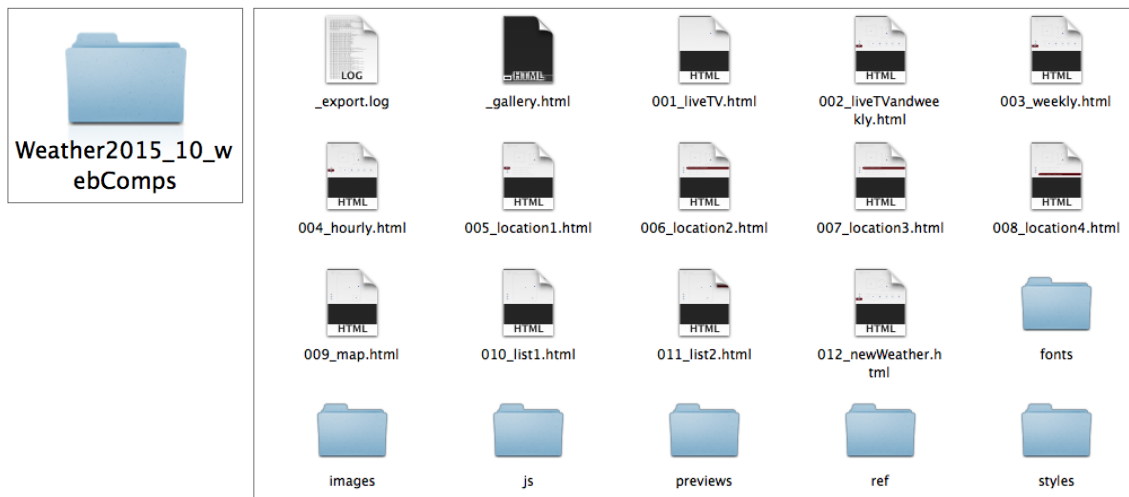
Loading the fonts

1 Open the folder **Weather2015_10_webComps**

2 Find the **fonts** folder. Install the fonts if you don't have them already installed on your computer.

fonts

3 You can check if the correct fonts have loaded by opening **_gallery.html** in the browser. Here you can view between the web comp previews easily and check them against the preview image. The **preview image** shows what the final design should look like as the designer intended.

_gallery.html
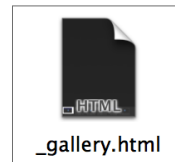
> **Tip**
>
> Chrome browser is recommended.

> **Tip**
>
> The left and right keys on the keyboard can be used to go between previews quickly. The thumbnail navigation must be in focus to do this.

▶ 001_liveTV.html ▶ 002_liveTVandweekly.html ▶ 003_weekly.html ▶ 004_hourly.html ▶ 005_location1.html ▶ 006_location2.html ▶ 007_location3.html ▶ 008_location4.html

4 To access the **preview image**, roll your cursor over the thumbnail name and select preview image from the pop up menu.

▶ 001_liveTV.html

preview image
web comp
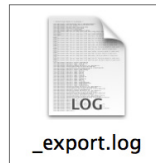reference sheet
▲ 001_liveTV.html

How do I extract the global styling?

1 Open the **_export.log** file. The top of the log shows the analysis of the file followed by everything that was exported.

The top of the export log shows all the general classes which can be applied across the entire app in a master stylesheet.

Here you can also check the fonts. There may be an occasion when the designer does not hand these over.
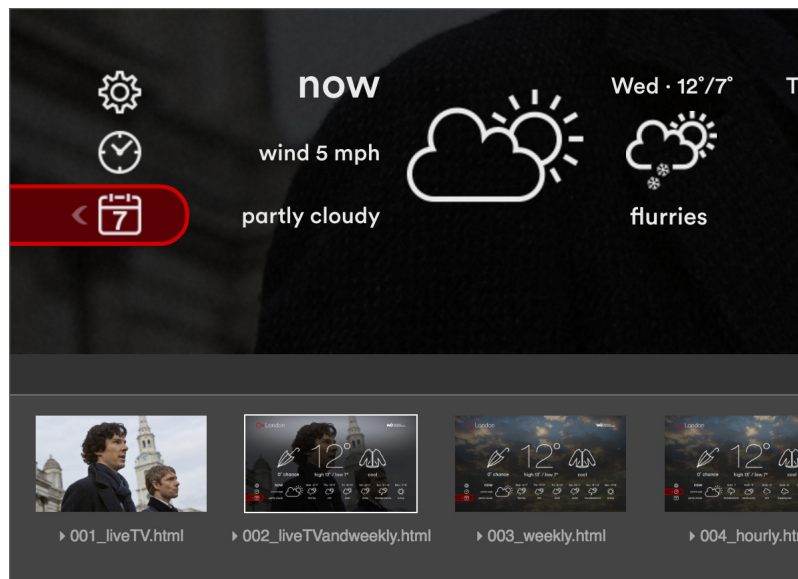

_export.log

2 On the thumbnail gallery, press the right arrow key to go to the next web comp named "002_liveTVandweekly"

How do I extract image file information?

1 Roll over the VM logo at the top left of the **web comp**. It shows a yellow rollover tooltip with image file information such as the size, the position and the file name. (In this case "logo_vm.png")

<IMG>
size: **65 x 55**
pos: **(81, 43)**
src: **logo_vm.png**

Tip

Types of data in the web comps are colour coded.

Image file information is shown in a yellow rollover tooltip.

2 You can also extract this information from the **Reference Sheet.** To do this first roll over the thumbnail name and from the pop up menu and select **Reference Sheet** to open it.

▸ 001_liveTV.html

preview image
web comp
reference sheet
▲ 001_liveTV.html

Tip

The selections on the thumbnail pop up menu also have shortcuts.
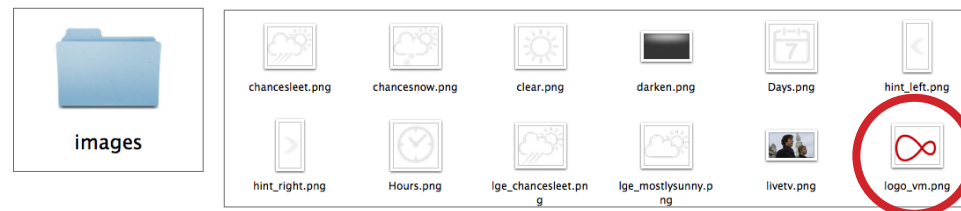
Preview Image: **Shift + P**

Web Comp: **Shift + W**

Reference Sheet: **Shift + R**

3 The **Reference Sheet** contains a detailed list of all the CSS of each item in the HTML. All the fonts and shared classes are listed at the top followed by the image files and CSS blocks. The bitmaps are in the olive green cells. These rows have the position, size, CSS selectors and the name of the bitmap file. (In this case "logo_vm.png")

HTML

Selector	Content	Pos	Size	CSS
#logo_vm-296	logo_vm.png	81,43	65x55	
#text-293	London	148,54	170x51	.text-style-1
#logo_wu-292	logo_wu.png	1044,42	170x55	

4 You can find this image by looking for "logo_vm.png" in the **images folder.**

images

chancesleet.png   chancesnow.png   clear.png   darken.png   Days.png   hint_left.png

hint_right.png   Hours.png   lge_chancesleet.png   lge_mostlysunny.png   livetv.png   logo_vm.png

How do I extract the text information?

1 Roll over the word 'London' at the top left of the **web comp**. A blue box rollover tooltip appears with CSS information for the paragraph. It displays the specific font details such as size, position, colour, the font, the font weight, size and line height.
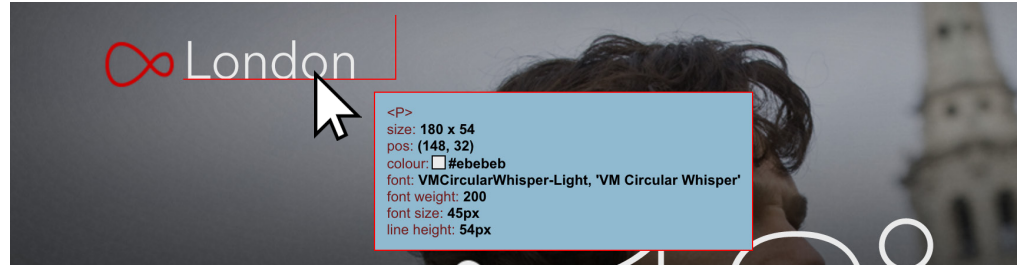

```
<P>
size: 180 x 54
pos: (148, 32)
colour:☐ #ebebeb
font: VMCircularWhisper-Light, 'VM Circular Whisper'
font weight: 200
font size: 45px
line height: 54px
```
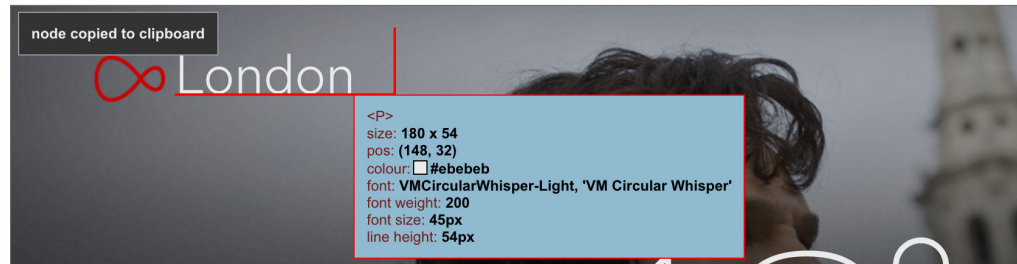
2 You can view the CSS information for the text from the rollover tooltip or the reference sheet, but you can also copy it directly onto the clipboard. Press Shift + C with your cursor over the element you want to extract the information from.

A notification in the top left hand corner will appear telling "node copied to clipboard".

node copied to clipboard

London

```
<P>
size: 180 x 54
pos: (148, 32)
colour:☐ #ebebeb
font: VMCircularWhisper-Light, 'VM Circular Whisper'
font weight: 200
font size: 45px
line height: 54px
```

3 To see the results, go to a text file and paste the information.

Note that the HTML and CSS is not a substitute for the final code. The HTML and CSS from the web comp communicates the desired styling and positioning information which the developer is free to alter, as long as the final position and style of each element precisely matches the web comp in the final build. For example, the font size and colour must match the design whereas declarations like position and z-index are arbitrary.

```
HTML:

<p id="text-293" class="text-style-1">London</p>

CSS:

.text-style-1 {
        font-style: normal;
        font-variant: normal;
        font-weight: 200;
        font-size: 45px;
        line-height: 54px;
        font-family: VMCircularWhisper-Light, 'VM Circular Whisper';
        font-stretch: normal;
        color: #ebebeb;
}

#text-293 {
        position: absolute;
        left: 148px;
        top: 32px;
        width: 180px;
        height: 54px;
        clip: rect(0px 190px 66.7px 0px);
        z-index: 293;
}
```
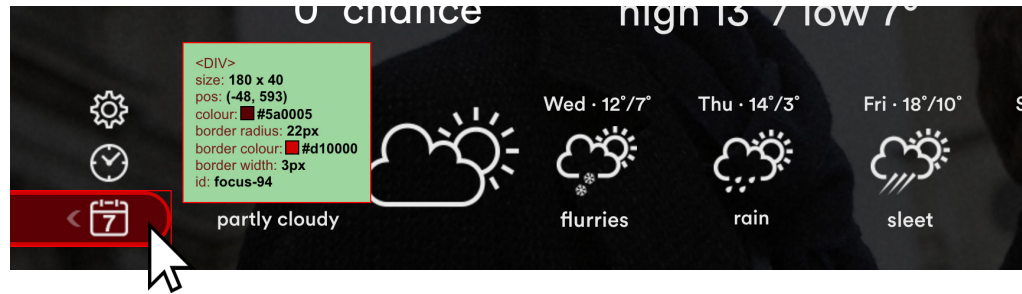
How do I extract CSS block information?

A CSS Block is a box drawn using HTML and CSS.

1 Roll over red highlight at the bottom left corner of the web comp. A green box rollover tooltip appears with CSS information. It displays the size, position, colour, border radius, border colour and the border width.
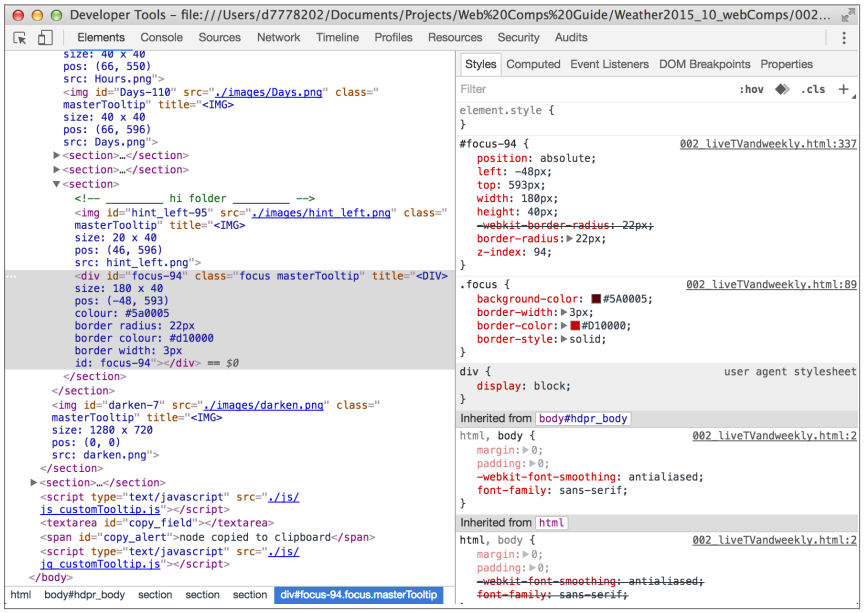

Tip

Types of data in the web comps are colour coded.

CSS block information is shown in a Green box.

2 If you're on Google Chrome you can use the DevTools panel to extract this information. First, open the web comp on its own by pressing Shift + P. Right click on the red highlight and go to "Inspect".
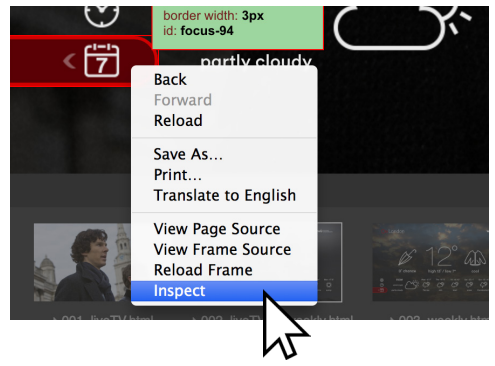
**3** Extract the HTML and CSS information here.

# How do I extract padding information between elements?

There's no padding information in the web comps but it can be deduced through the web comp's interactive measuring tools.

1 Let's extract the horizontal padding between two elements.

Click on the flurries cloud and the rain cloud as shown. The padding information is shown in a red box tooltip. The red outlines mark the bounding boxes of the HTML elements. The blue dotted line shows the full width of both elements (201px). The green box is showing the horizontal padding (65px).
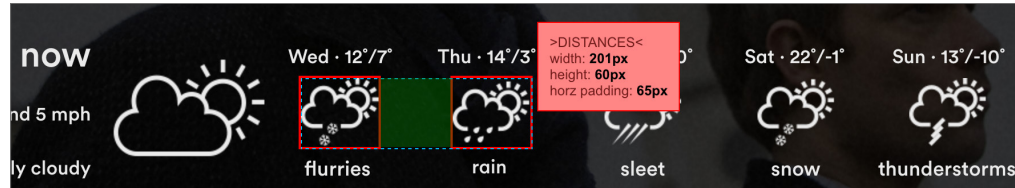
2 Now let's extract the vertical padding. Click on the coat and the snow cloud as shown. The blue dotted line shows the full height of the elements together (403px). The green box is showing the vertical padding (123px)
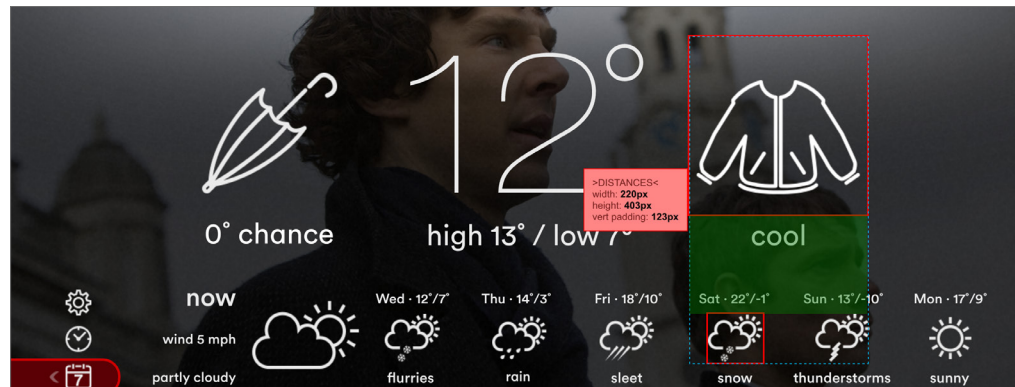
3 You can also measure the vertical and horizontal padding between two elements by selecting elements that are diagonal to one another.