Oracle® Fusion Middleware

WebCenter Sites: Mobility Server MSAdmin User's Guide

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ABOUT ORACLE WEBCENTER SITES: MOBILITY SERVER 11.1.1.8.0

1

Oracle WebCenter Sites: Mobility Server v 11.1.1.8.0 provides a single environment through which to create and manage dynamic content for hundreds of mobile devices.

Mobility Server leverages the powerful CMS capabilities of Oracle's WebCenter Sites beneath a remarkably easy to use interface. All traditional web content can be easily configured for use on myriad types of mobile devices, in real time.

This guide provides descriptions of MSAdmin (the Mobility Server user authoring environment), its navigation conventions, the Preview functions, and procedural outlines for setting properties to Display Objects. MSAdmin requires that you are a current registered user of Oracle's WebCenter Sites with sufficient privileges.

Please note that some of the applications discussed in this document are former Fatwire products. The new Naming convention will be used where appropriate and is as follows:

- Oracle WebCenter Sites is the current name of the product previously known as FatWire Content Server. In this guide, Oracle WebCenter Sites is also called WebCenter Sites.

GETTING STARTED WITH MOBILITY SERVER

2

Mobility Server System Requirements

Web Browser: Google Chrome (latest version recommended); Safari (latest version recommended); Microsoft Internet Explorer 8.x; Firefox 3+

Note: Previews for Touch mobile devices are supported only on the recommended browsers (Google Chrome 8+/ Safari 5+) or on the actual mobile device.

Launching MSAdmin

To begin working with the Mobility Server, open Oracle WebCenter Sites (formerly known as Fatwire Content Server), enter user name and password and click the MSAdmin application icon:

Figure1 Login screen

The MSAdmin interface default display:

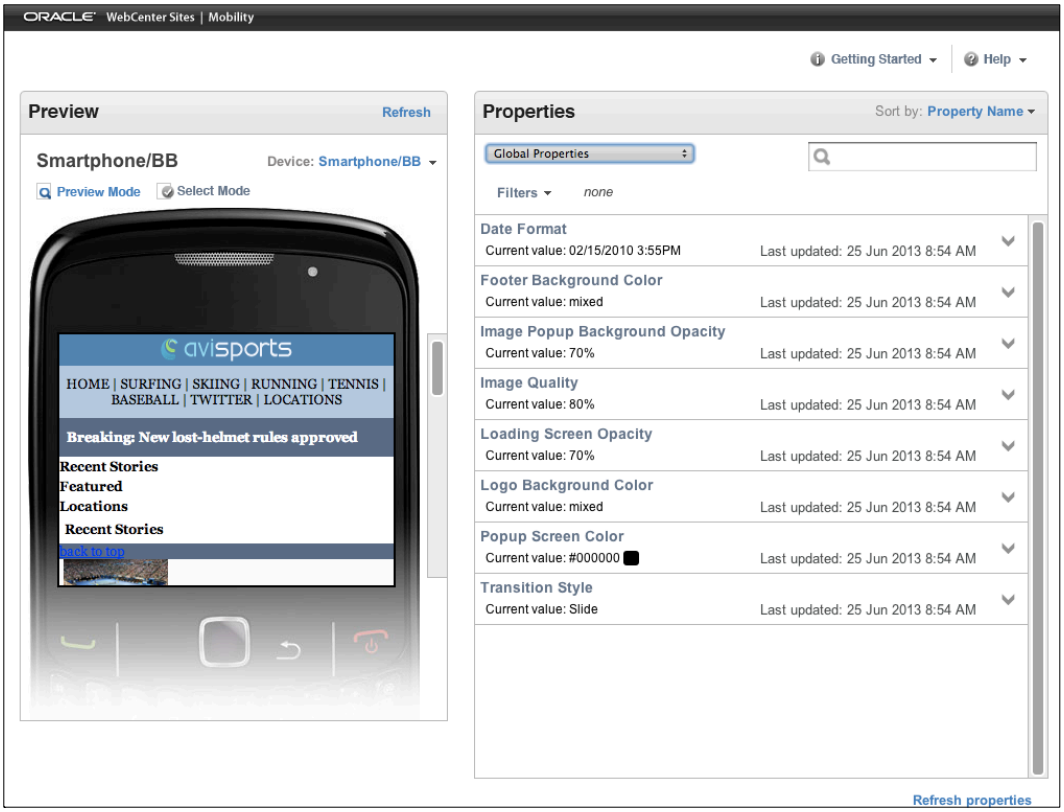

Figure 2 MSAdmin Workspace

Brief descriptions follow for each area of the screen. See the Preview and Properties sections of this guide for more detailed procedural information.

GETTING STARTED

Click on the Getting Started link in the upper right corner of the screen to access a description of MSAdmin's navigation and procedural conventions.

HELP

Click on the Help button to open the Mobility Server MSAdmin User's Guide, a compiled, indexed Help system describing all the salient features of the system.

PREVIEW

The left area of the screen displays a graphical representation of a mobile device. Four general views are provided: **Touch**, **Basic**, **Smartphone/BB** and **Tablet**. Selecting a mobile device type from the drop-down list changes the display to a template that emulates the physical characteristics of a representative device for that family. It is important to note that the appearance on the actual device may vary somewhat from that seen on the Preview for a device type since Mobility Server will dynamically adjust the page presentation to accommodate the capabilities of a specific device, such as screen size or display capabilities.

The Preview area displays all updates to your site in real-time. Selecting a page from the site listing opens that page for review or modification. Clicking Select Mode allows you to highlight an area of the selected page to view its property attributes. Clicking Refresh displays all modifications applied to the page. These changes are also deployed live to the editorial version of the mobile site to enable immediate preview on actual devices. Once satisfied with the modifications, the user can promote these changes to the delivery site.

PROPERTIES

Properties are used to apply and modify attributes to numerous areas of the site. Attributes can be applied to either all device types or to selected mobile devices.

The Properties have been categorized as *Global Properties*, *Default Properties* and *Mapped Display Objects*. Each of these three property types have a list of associated attributes that may be modified.

The **Global Properties** describe the behavior of certain attributes that remain consistent across a given mobile site. A global property is one that doesn't change according to the Display Object it is associated to.

The following is a list of the Global Properties:

- Date Format
- Footer Background Color
- Image Popup Background Opacity

- Image Quality
- Loading Screen Opacity
- Logo Background Color
- Popup Screen Color
- Transition Style

The **Default Properties** comprise a complete list of Display Object properties. Each property has an initial default value that may be changed for any or all devices. If the mapped Display Object's attribute has not been edited, then it will use the initial default value or the edited default value. If the mapped Display Object's attribute has been edited then the default value will not be applied to it, unless the Display Object has been set back to the default value. The user may set a mapped Display Object's value back to the default value by selecting the 'Use Default' radio button.

The following is a list of the Default Properties:

- Active Collapsible Header Background Color
- Active Collapsible Header Font Color
- Active Menu Button Foreground Color
- Active Tab Background Color
- Active Tab Font Color
- Background Color
- Basic Navigation Style
- Caption Font Color
- Caption Font Size
- Caption Length
- Carousel Headline Location
- Collapsible Animation
- Collapsible Border Color
- Collapsible Content Background Color
- Collapsible Header Background Color
- Collapsible Header Font Color
- Collapsible Header Font Size
- Collapsible Header Font Size
- Collapsible Header Text Align
- Collapsible Header Text Wrap Style
- Container Margin Bottom

- Container Margin Left
- Container Margin Right
- Container Margin Top
- Container Text Align
- Content Font Size
- Content Font Size
- Crop Images
- Detail Image Alignment
- Email Button Visible
- Facebook Button Visible
- Featured Item Image Location
- Featured Item Map Location
- Feature Item Maximum Image Location
- Featured Item Maximum Map Width
- Font Color
- Font-Size Control Position
- Force Image Conversion Type
- GridList Text Position
- Headline Font Color
- Headline Font Size
- Headline Length
- Image Popups Allowed
- Image Popups Icon Visibility
- Indicator Font Size
- Indicator Off Color
- Indicator On Color
- Images Visible
- List Item Background Color
- Listing Image Location
- Listing Map Location
- Live Enabled
- Map Alignment
- Map Width
- Maximum Image Width
- Maximum Listing Image Width
- Maximum Listing Map Width

- Menu Button Background Color
- Menu Button Foreground Color
- Menu Opening Style
- Menu Separator Color
- Navigation Button Alignment
- Pinterest Button Visible
- Post Tap Background Color
- Post Tap Font Color
- Share and Font Buttons Background Color
- Smartphone Navigation Style
- Social Media Button Icon Theme
- Tab Background Color
- Tab Corner Style
- Tab Font Color
- Tab Font Size
- Tab Text Align
- Tab Text Wrap Style
- Tabgroup Content Background Color
- Touch Navigation Style
- Twitter Button Visible
- Visible Caption
- Visible Carousel Headline
- Visible Indicator
- Visible Map

The third category is the **Mapped Display Objects**. These Display Objects will only appear in MSAdmin once they have been mapped (Please Refer to Oracle WebCenter Sites: Mobility Server Version 11.1.1.8.0 Site Implementation Guide for instructions on how to map a Display Object). Once the Display Object has been mapped, it will automatically be displayed in MSAdmin with a subset of the relevant default properties. These properties differ based on the Display Object and device family. Each property may be changed or left to remain as the default value. If the property value of a mapped Display Object has been changed from the default value then changes at the Default Property value will not be applied unless the property at the mapped Display Object is set back to 'Use Default'.

The next section examines the Preview functional area in more detail.

MSADMIN PREVIEW FUNCTION

3

MSAdmin's Preview function graphically depicts all physical characteristics of your site as they will display on the selected device type.

By default, the Touch device template displays when MSAdmin launches. You may change the display by selecting one of the four device categories from the Device drop-down List:

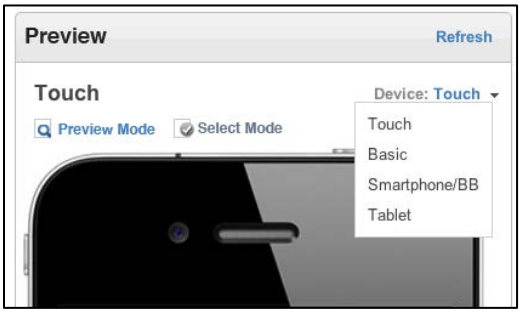

Figure 3 Device Selection Dropdown

The illustration on the following page shows examples of each type of device emulator template:

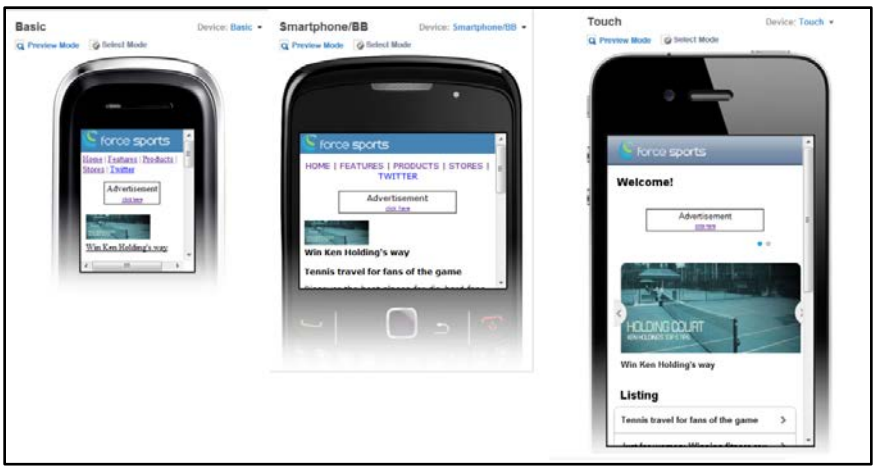

Figure 4a Preview Device Templates: Basic/ Smartphone & Touch

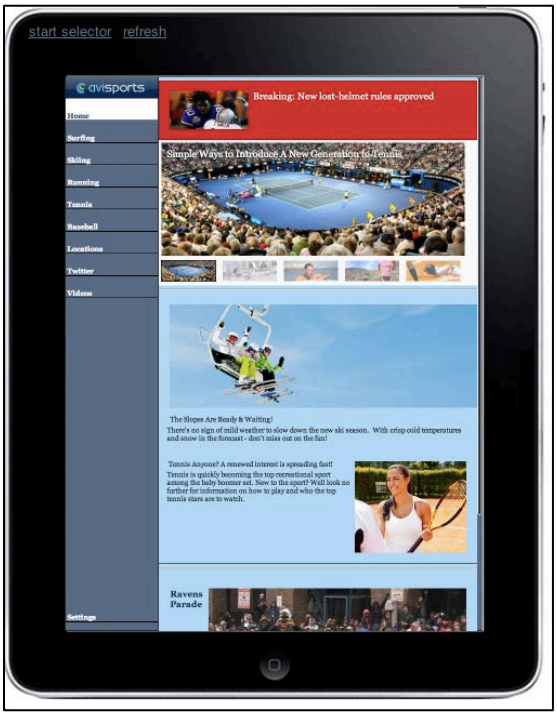

Figure 4b Preview Device Templates: Tablet

Using the Preview Function

- The Previewing capability is triggered upon the user clicking “Refresh” or “Refresh properties” after saving changes. A user may also refresh the browser to Preview changes
- The scroll bar enables navigation through the mobile site via the iframe.
- Switching Device templates will automatically reconfigure the content to display correctly for that device category.
- Clicking **Refresh** loads new content added to the site from Content Server, in order for it to be appropriately formatted for mobile deployment.
- Clicking **Refresh Properties** allows the user to load new content at once for multiple properties. This
- Clicking **Select Mode** allows you to highlight selected areas or Display Objects for modification.
- Once an area or Display Object is highlighted, the Properties panel refreshes with all of the attributes contained in or applicable to the selected content area.
- In this example the area is highlighted by clicking on ‘Select Mode’ and selecting an area on the device screen. This selection then refreshes the Properties pane with the corresponding Display Object properties. The Display Object AviSportsTabGroup was highlighted in yellow and the corresponding AviSportsTabGroup properties are shown.

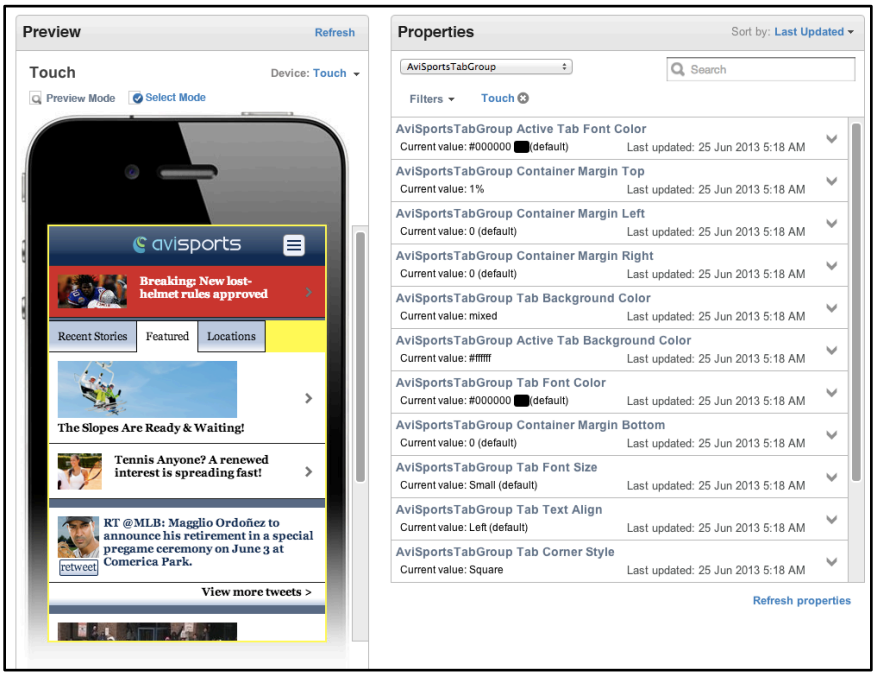

Figure 5 Highlight with Select Mode

Depending on the property type, you may change the property for all devices, or only for a specific device family. The below example shows a change to the AviSportsTabGroup Active Tab Font Color being made to all devices:

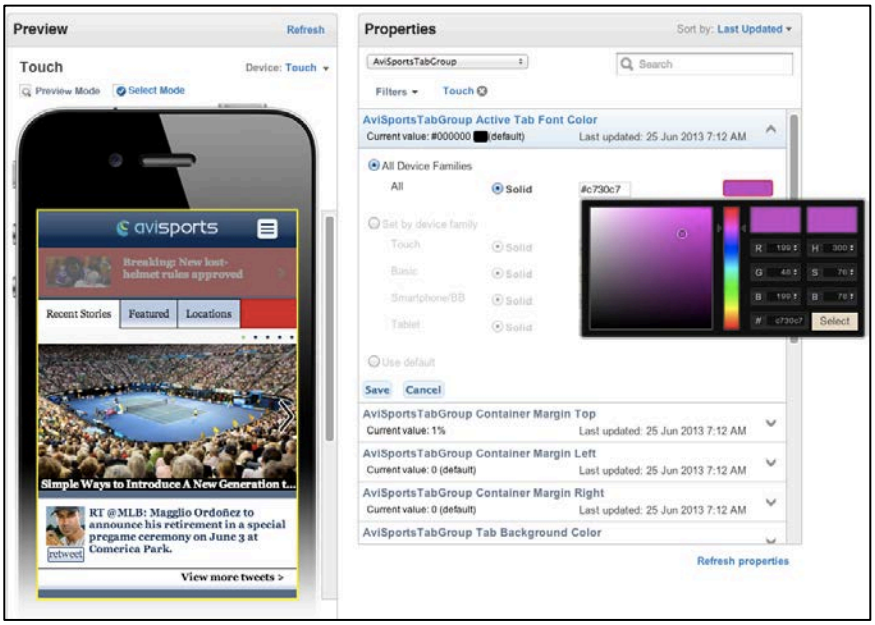

Figure 6. Change Active Tab Font Color for All Devices

Once the change is saved, the preview panel will automatically display the edit. A user may *Refresh* from the Preview Function to see quick edits. A user may *Refresh Properties* after editing multiple properties.

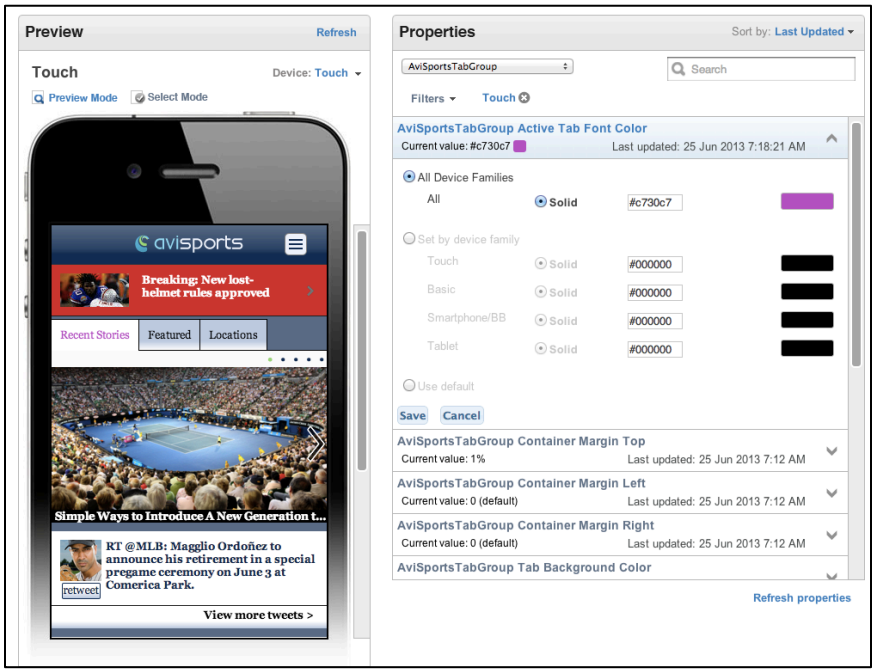

Figure 7 Preview Change

- The Color swatch for the selected Property category also refreshes with the new color selection.
- Switching the Device display will adjust the content to fit the physical characteristics of that device category, with the changes applied if designated for that category.
- These changes are applied in real-time, and will be immediately deployed to the editorial version of the site for live preview on actual devices.
- If a modification is made to one or more devices, then the default value will still be used for the remaining devices that did not get changed.

For more information on Properties, see the next section.

MOBILITY SERVER PROPERTIES

4

The Properties section is the functional area of MSAdmin where you may review existing rendering settings, or apply new ones. Most properties allow you to designate changes to either all devices or specific device categories.

Property changes can be viewed by clicking on *Refresh* in the *Preview Pane* or clicking on *Refresh Properties* in the *Properties Pane* as soon as the change is saved. A user may *Refresh* from the Preview Function to see quick edits. A user may *Refresh Properties* after editing multiple properties.

SORTING AND FILTERING PROPERTIES

MSAdmin allows you to sort the selected listing of properties alphabetically by Property Name or by Last Updated. The list may also be sorted by keyword, simply enter a text string of characters in the search field known to be in the property listing name:

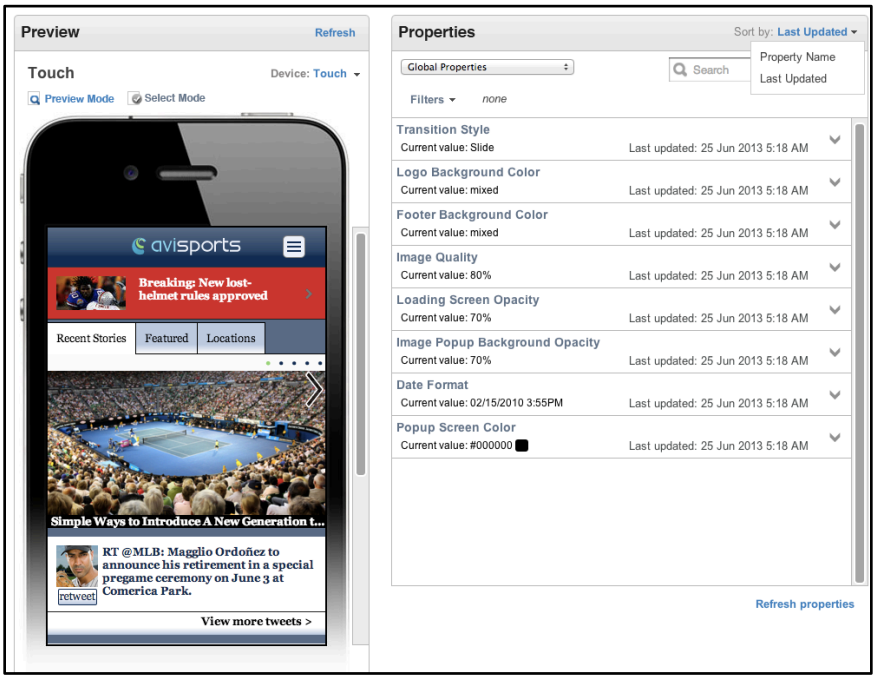

Figure 8 Filtering Properties

The list now refreshes with only those properties containing that string.

ADDING FILTERS

You may also add custom filters that limit property lists to criteria that affect specific device class, style, and page sections:

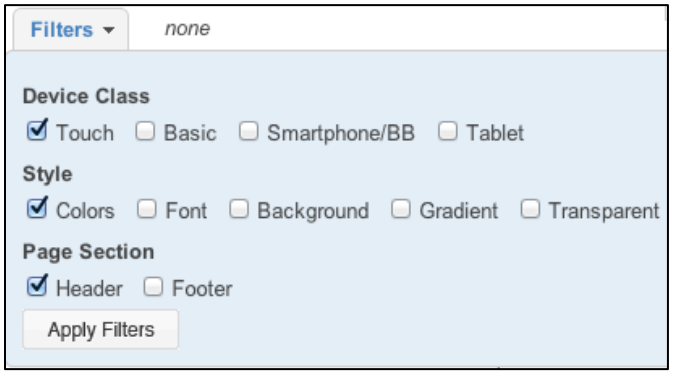

Figure 9 Adding Filters

In this example above, we are filtering by Touch device class, Colors style, and Header

page section.

Clicking *Apply Filters* refreshes with only those properties relevant to those parameters:

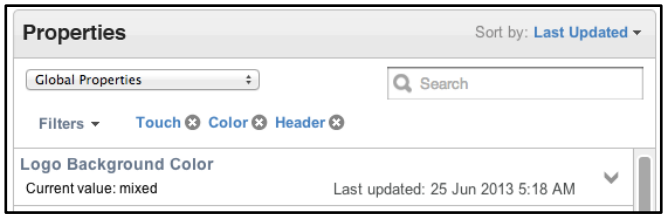

Figure 10 Applying Filters

GLOBAL DEVICE SELECTION

Certain properties can be globally selected for all supported device types:

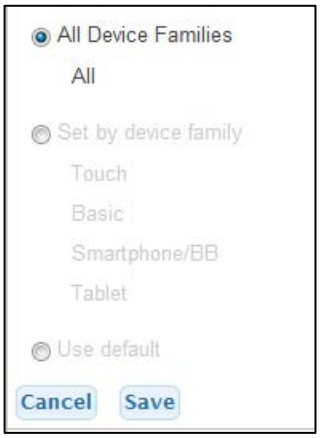

Figure 11 Global Device Selection

Click the **All Device Families** radio button to apply changes to all devices. Alternatively, you can select supported device types individually, and apply different values to different device categories. If different property values are applied to different device categories, the current setting displaying to the right of the Property name in the listing reads “mixed.”

Figure 12 Setting different properties by device family

Descriptions follow for each of the Property types currently available in Mobility Server 11.1.1.8.1.

Global Properties

The Global Properties are a list of properties that do not relate to the mapped Display Objects but rather define generic behavior across the mobile site or behavior between Display Objects.

GLOBAL PROPERTIES DEFINED

- Date Format - This property allows you to modify the date format displayed on the selected site.

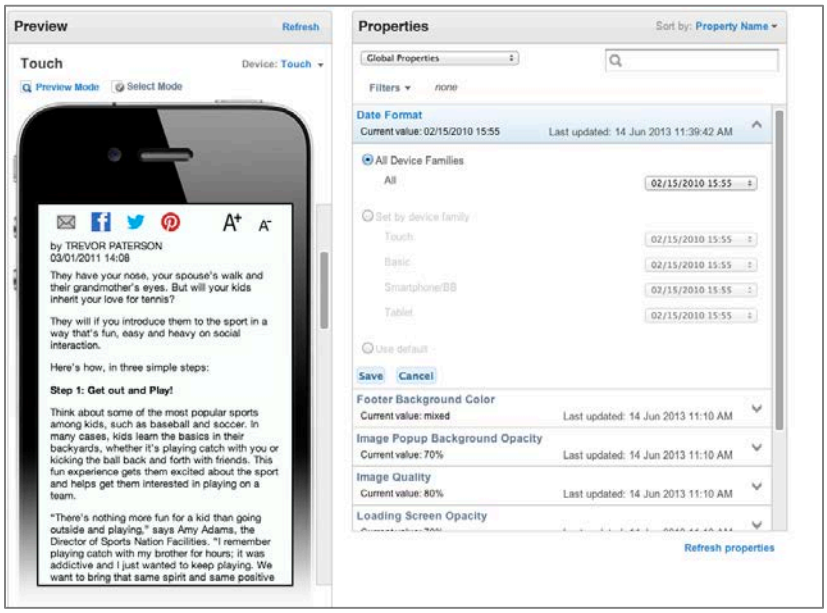

Figure 13 Date Format

Valid values are mm/dd/yyyy, m/d/yy, mm/dd/yyyy/24-hour time, or mm/dd/yyyy/AM-PM time.

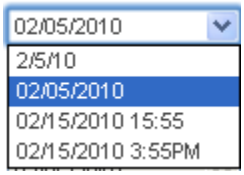

Figure 14 Date Format Options

Date Format applies to All Device Families, or to either Touch, Basic or Smartphone devices. Different values can be selectively applied across different device categories.

Click **Save** after entering a value for a device, then select the appropriate device category in the Preview area. The new Date Format will now display.

- *Footer Background Color* – This property allows you to modify the background color of the footer displayed across the bottom of each page of the selected site. This property is applicable to all device types.

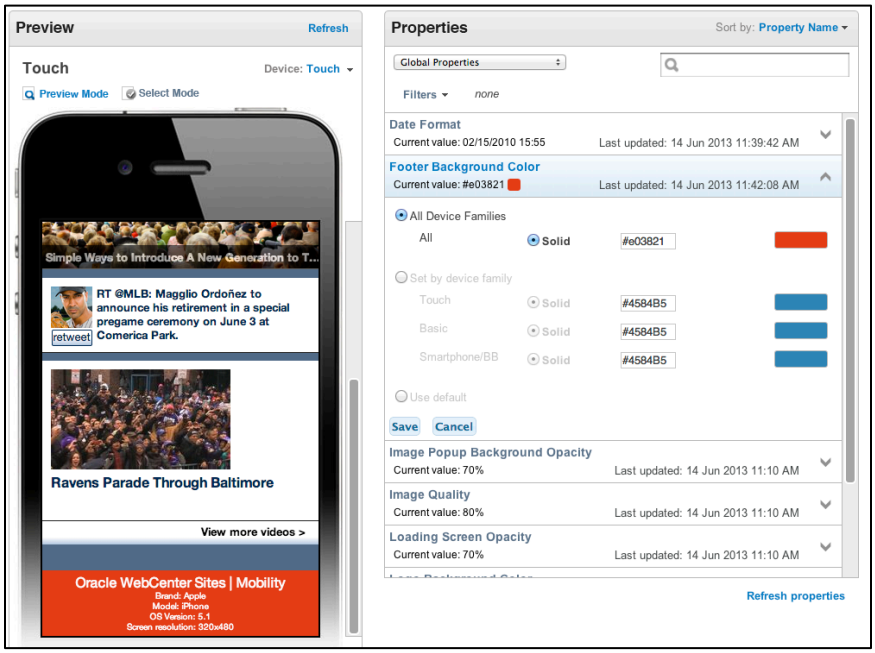

Figure 15 Footer Background Color

- *Image Popup Background Opacity* – This property allows you to select the percentage of opacity of a background screen mask for an image popup. This property is applicable to Touch and Tablet Devices.

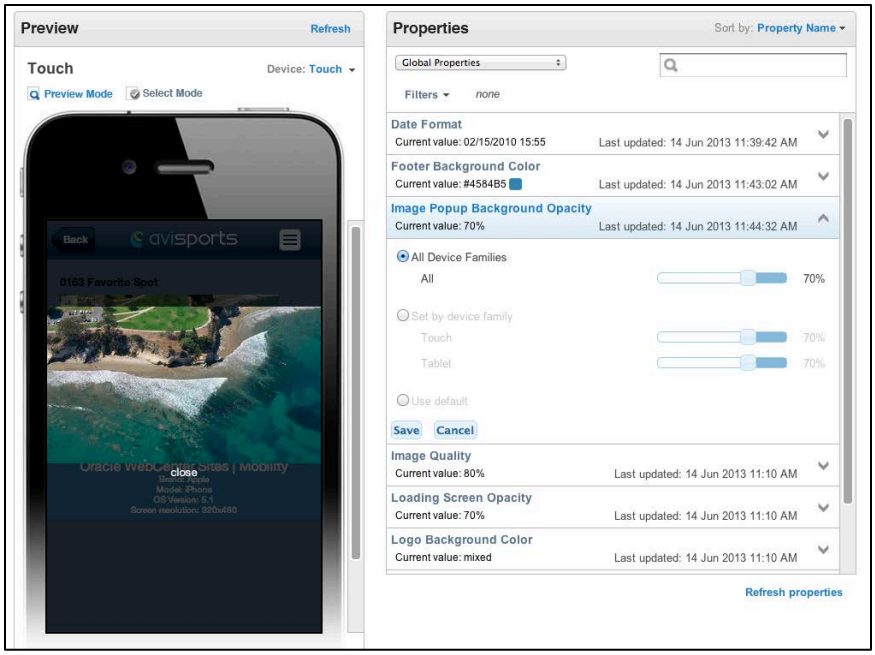

Figure 16 Image Popup Background Opacity

- *Image Quality* – Decreases the file size with the lowering of the percentage. This property is applicable to all devices.

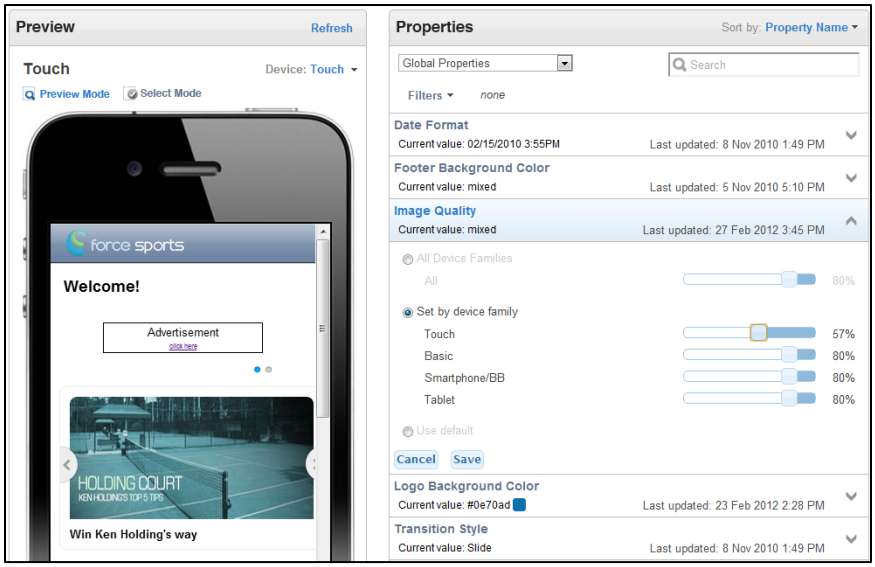

Figure 17 Image Quality

- *Loading Screen Opacity*- This property allows you to modify the percentage of the loading screen mask. This property is applicable to Touch and Tablet devices.

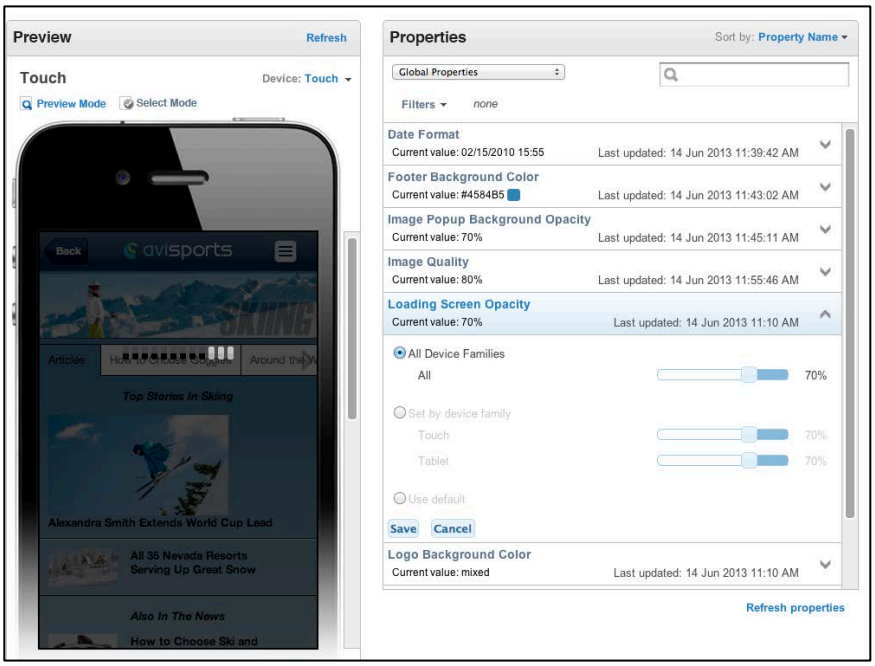

Figure 18 Loading Screen Opacity

- *Logo Background Color* – This property allows you to modify the background color of the logo displayed across the header of each page of the selected site. This property is not applicable to **Tablet** devices.

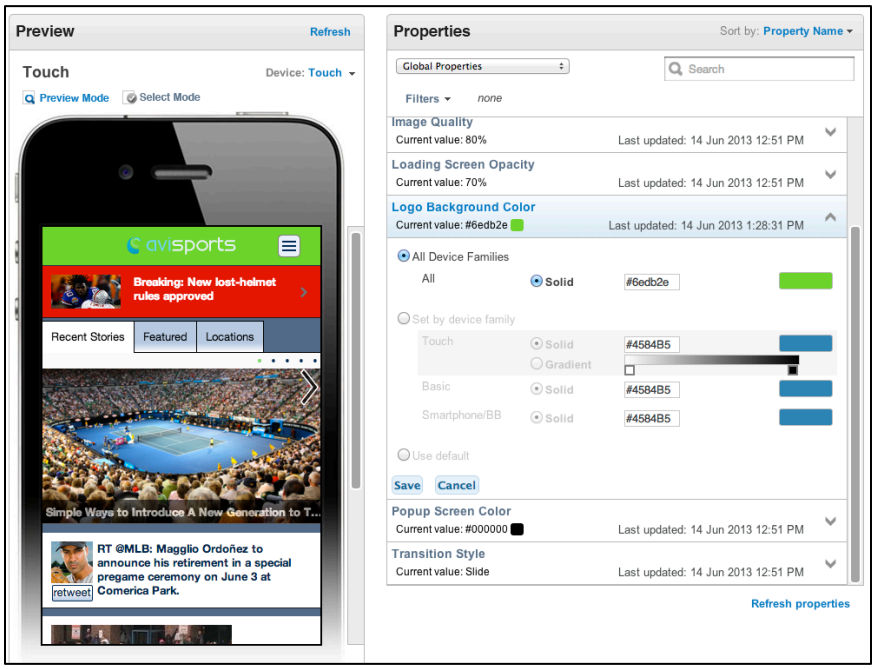

Figure19 Logo Background Color

- *Popup Screen Color*-This property determines the background color for the popup/loading screen using the color spectrum. This property is only applicable to Touch and Tablet devices.

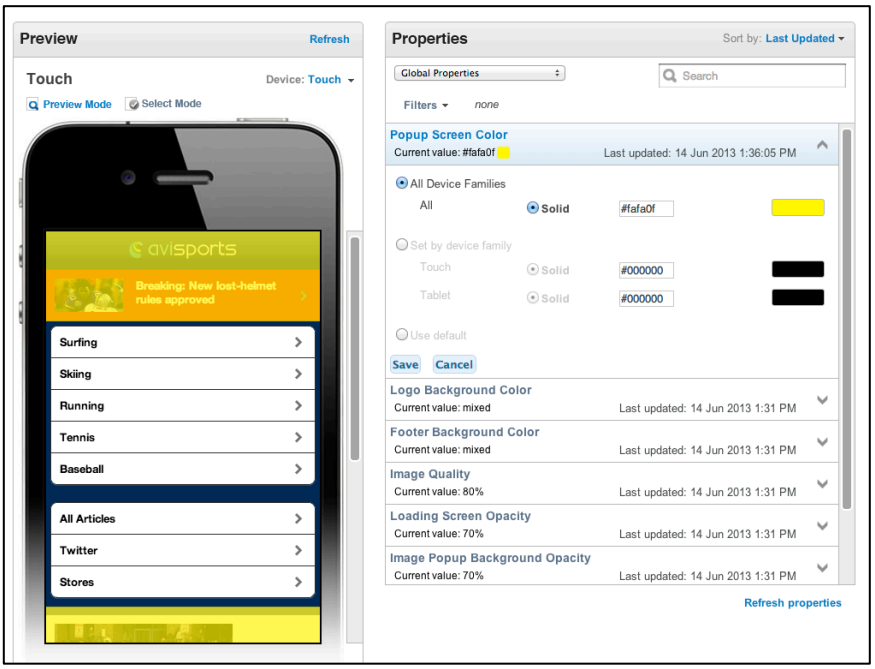

Figure 20 Popup Screen Color

- *Transition Style* - This property allows the user to define how the transitions occur between site pages. This property is only applicable to the **Touch** device.

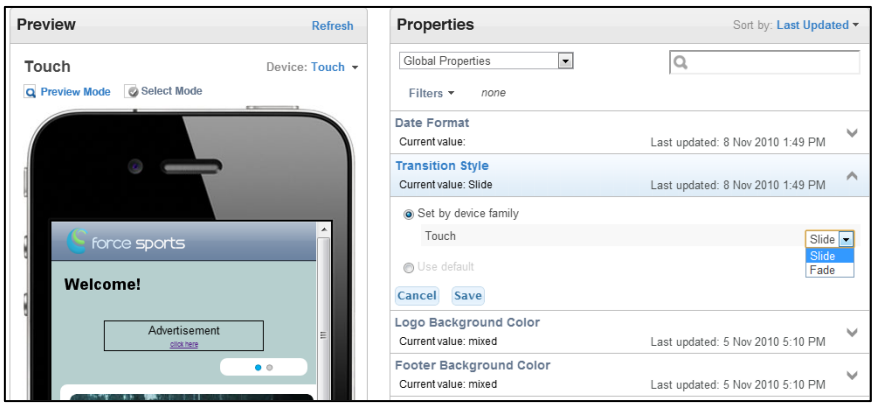

Figure 21 Transition Style

Select a value from the drop-down list and click **Save** to apply that transition style. Select **Cancel** to retain the existing value.

Default Properties

The default properties are a list of all properties (except Global properties) that exist in Mobility Server. A subset of these default properties is associated to each mapped Display Object depending on the type of Display Object. If the value of a particular default Display Object property is changed, then this change will cascade across all Display Objects that reference this property by device type, provided the downstream properties have not been set explicitly.

If this property has already been edited for a particular mapped Display Object before the change was made to the default property, then that property will not be affected by the new default value modification.

Example Scenario 1: User changes the *Caption Font Color* Display Object property to purple under the Default Properties list only for the Touch device:

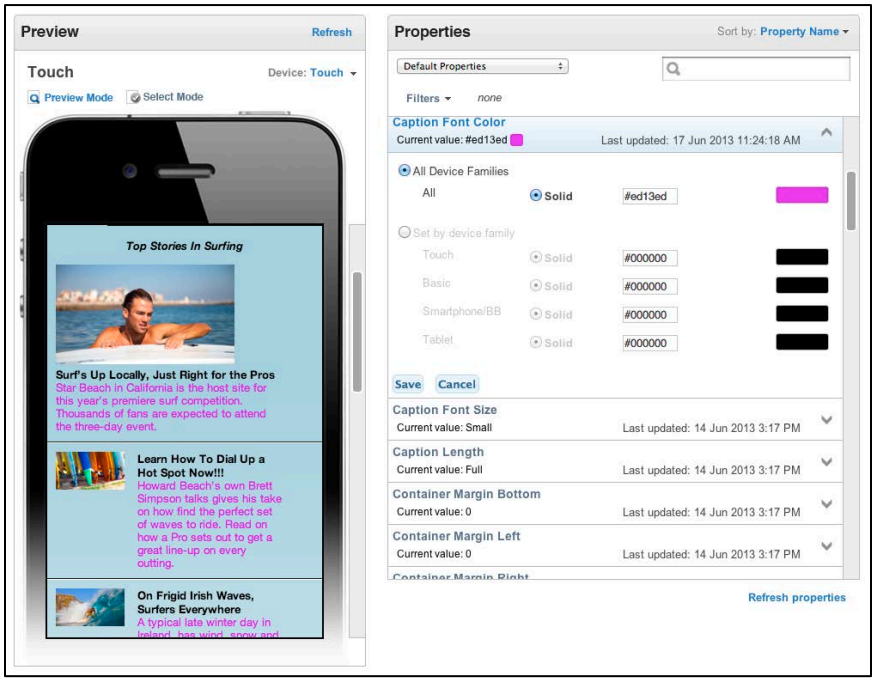

Figure Scenario 1A

This change then cascades to the following mapped Display Objects that reference the same property for device type selection of the Touch device: ArticleList Caption Font Color, ArticlesWithImages Caption Font Color, FeaturedList Caption Font Color, ProductList Caption Font Color and StoreList Caption Font Color.

If the Caption Font Color property for any of the mapped Display Objects mentioned above was changed before the change was made to the default property then that value would be retained and not overwritten. Similarly, if this property is changed in the future, it will not impact the value at the default property or for any other mapped Display Object with the same property.

DEFAULT PROPERTIES DEFINED

- *Active Collapsible Header Background Color*- This property determines the background color of the front page collapsible using the color spectrum. A collapsible is active when it is retracted. This property is applicable to All Devices.

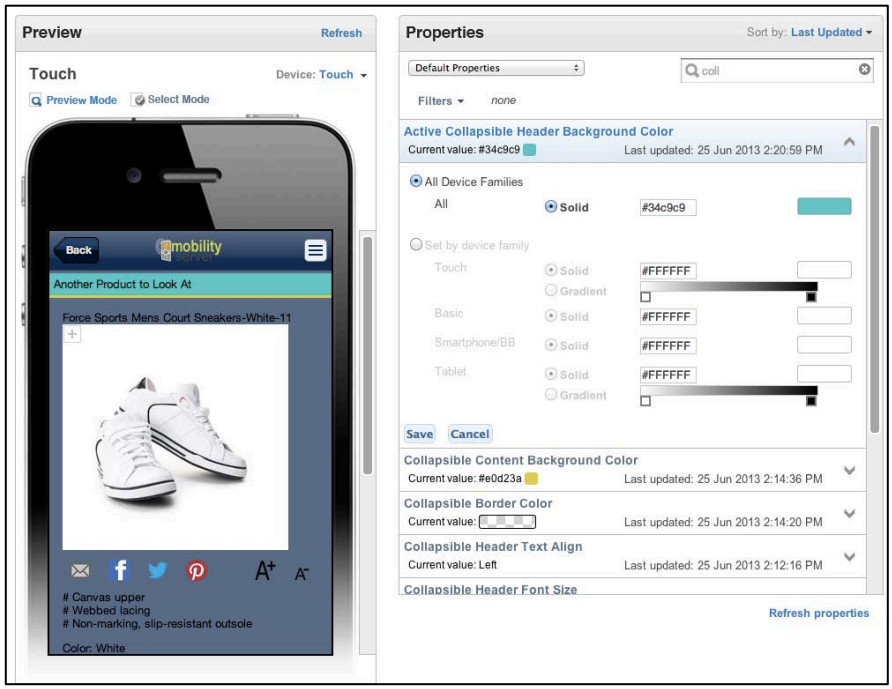

Figure 22 Active Collapsible Header Background Color

- *Active Collapsible Header Font Color*- This property determines the font color of the active collapsible using the color spectrum. A collapsible is active when it is retracted.

This property is applicable to All Devices.

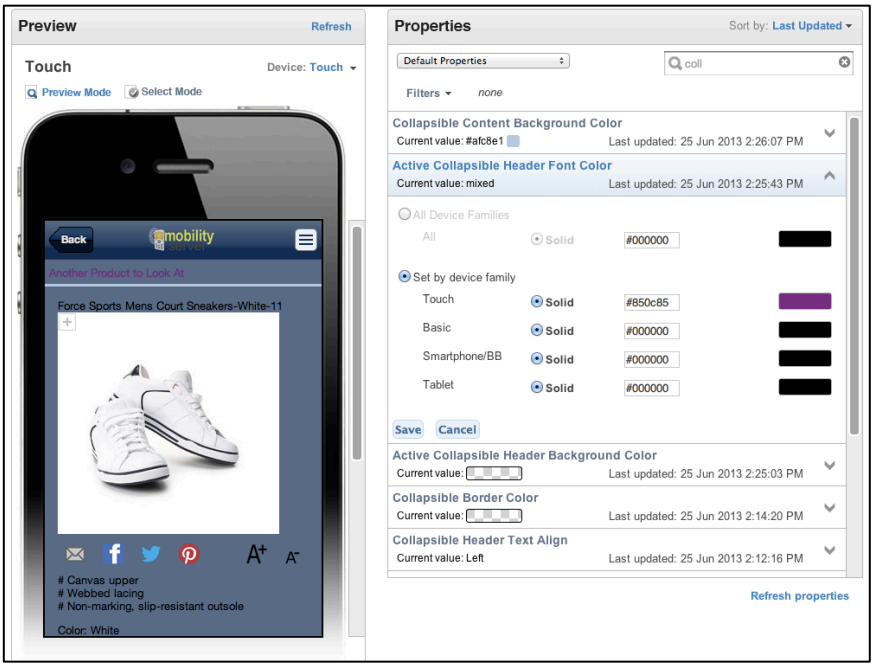

Figure 23 Active Collapsible Header Font Color

- *Active Menu Button Foreground Color* - This property allows you to change the foreground color of the popup menu after clicking using the color spectrum. This property is applicable to Touch and Tablet Devices.

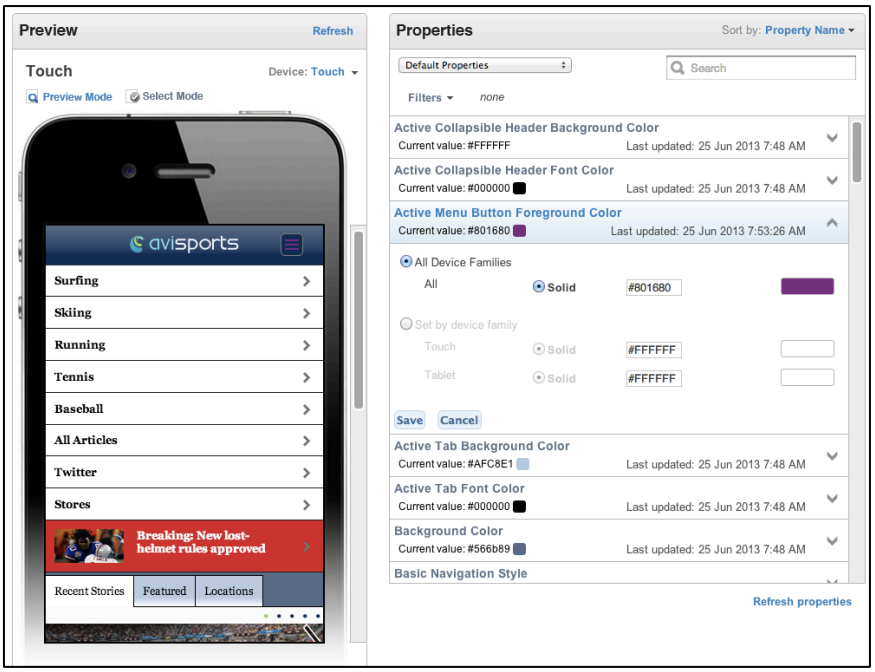

Figure 24 Active Menu Button Foreground Color

- *Active Tab Background Color* - This property allows you to change the background color of the active tab using the color spectrum. The active tab is the user's current location on either the front page or the individual sport's navigation. This property is applicable to All Devices.

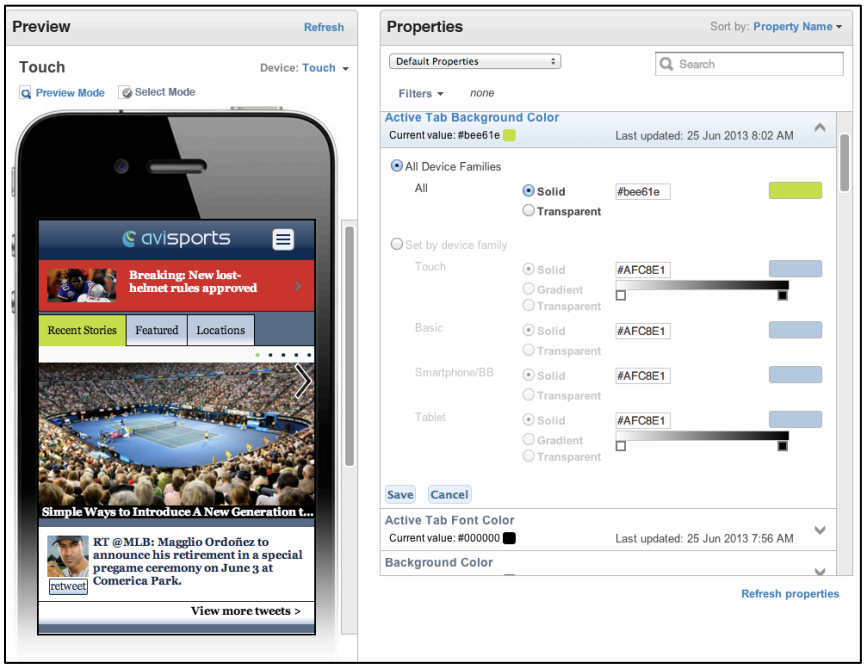

Figure 25 Active Tab Background Color

- *Active Tab Font Color* - This property determines the font color for the active tab using the color spectrum. The active tab is the user's current location on either the front page or the individual sport's navigation. This property is applicable to All Devices.

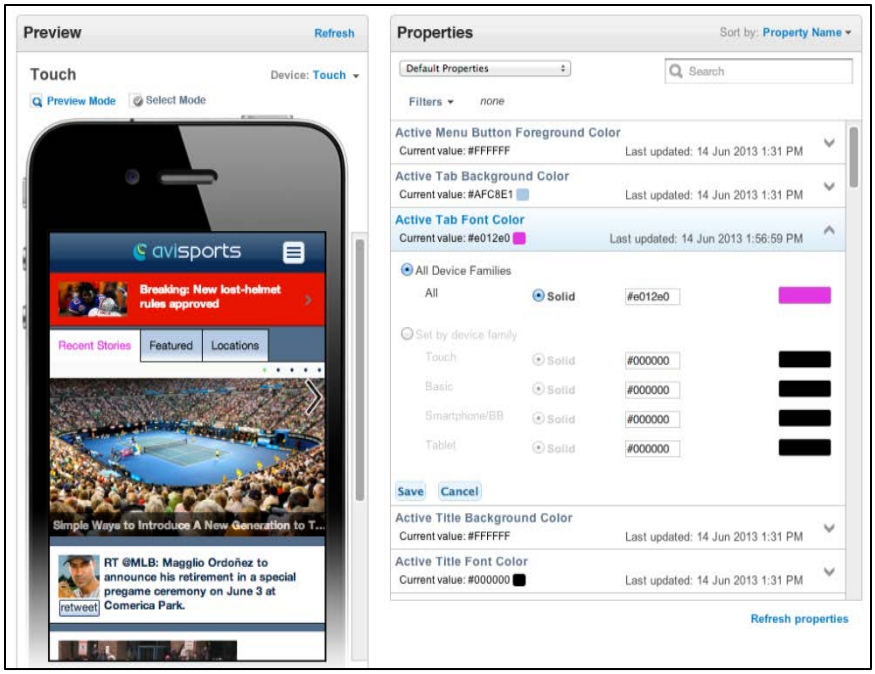

Figure 26 Active Tab Font Color

- *Background Color* - This property determines which color displays as the background color of any Display Object. All colors are represented as hexadecimal color codes. This property is applicable to All Devices.

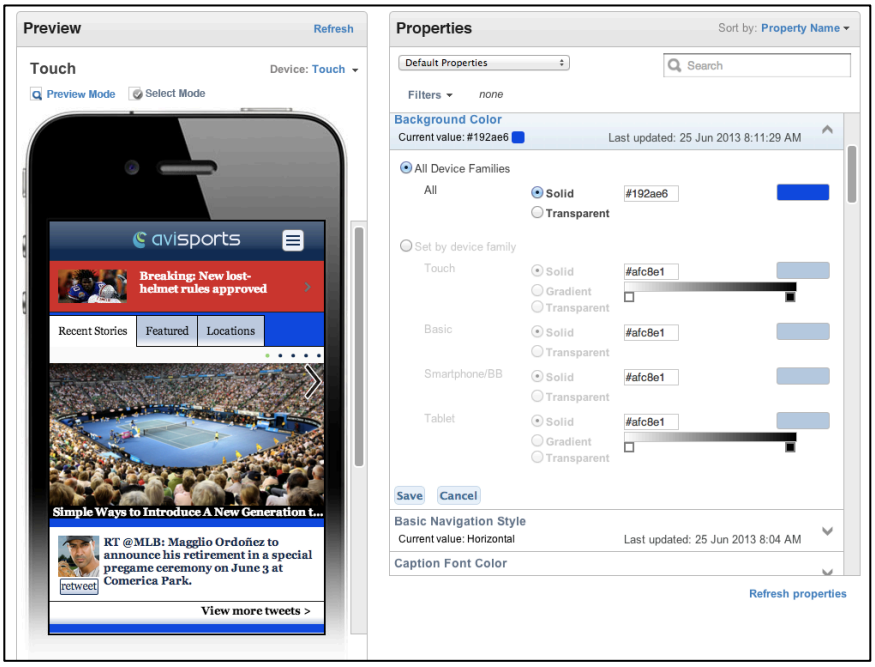

Figure 27 Background Color

- To change a color, click on the hexadecimal form; the color selection tool now displays:

Figure 28 Color Selection Tool

Move the color spotter from the default lower left corner within the existing color spectrum box to select a variant shade of the existing color. Move the color spotter arrows up and down the spectrum bar to select an entirely new color scheme. Alternatively, you can enter RGB or HSB color values by clicking in those entry fields on the right. When a color is selected, click Save. The new color will be displayed on the corresponding device preview screen.

The Background Color property applies to All Device Families, or selectively to Touch, Basic, and Smartphone/BB devices. Different values can be applied by device category.

Click **Save** after entering a value for a device, then select the appropriate device category in the Preview area. The new Background Color will now display.

- *Basic Navigation Style* – This property allows you to change the navigation display for the **Basic** device only. The Valid Values are Horizontal and Vertical.

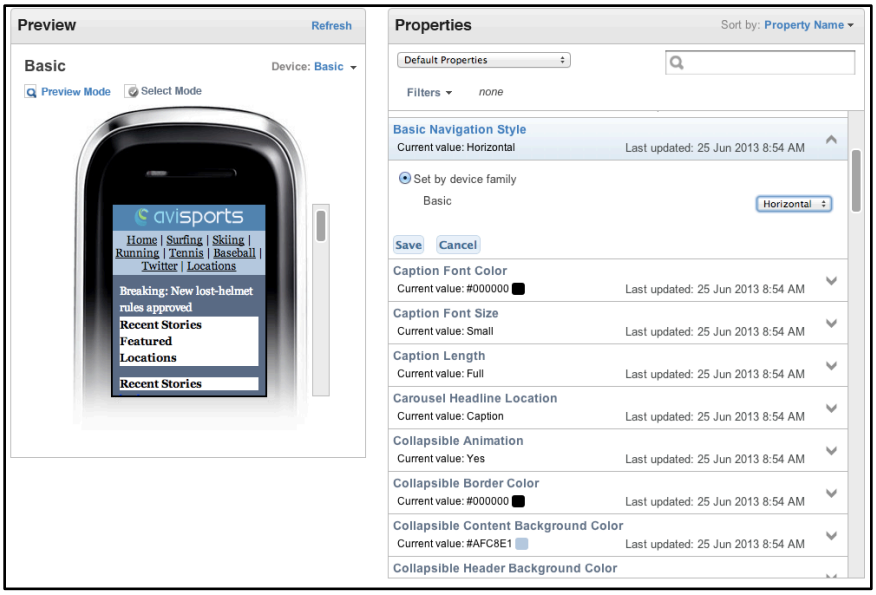

Figure 29 Basic Navigation Style

- *Caption Font Color* – This property allows you to change the font color of the captions using the color spectrum. This property is applicable All Devices. Headline Font Color and Caption Font Color are similar default properties.

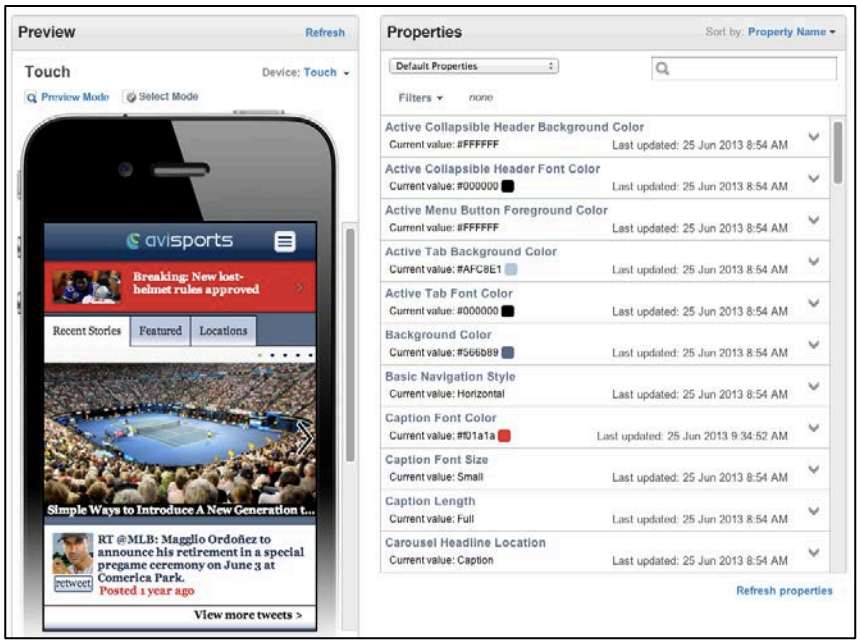

Figure 30 Caption Font Color

- *Caption Font Size* – This property allows you to change the font size of the captions. The value is Small, Medium or Large. This property is applicable to All Devices. Similar default properties include Font Size, Headline Font Size and Price Font Size.

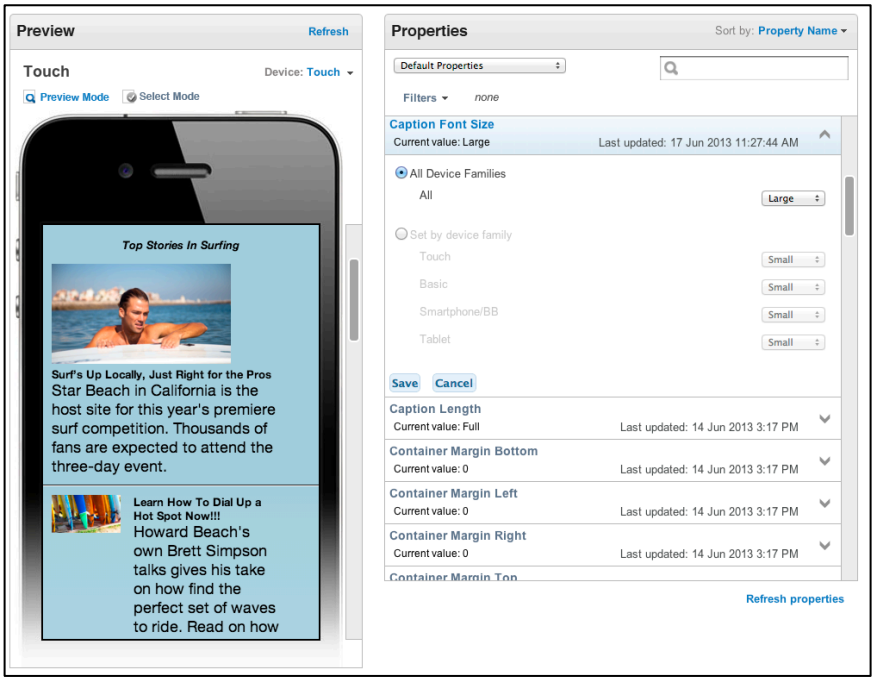

Figure 31 Caption Font Size

- *Caption Length* - This property allows you to change the font size of the captions. This property is applicable to All Devices. Similar default properties include Font Size, Headline Font Size and Price Font Size.

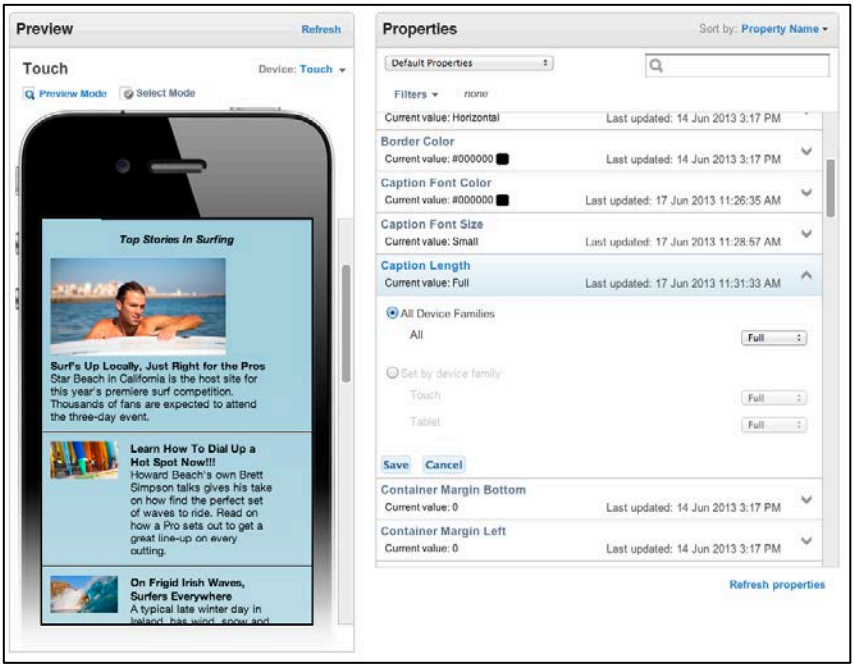

Figure 32 Caption Length

- *Carousel Headline Location*- This property determines the placement of the headline on the carousel. The value is Caption, where it appears below the carousel, or Overlaid, where it appears overlapping with the carousel. This property is applicable to Touch devices.

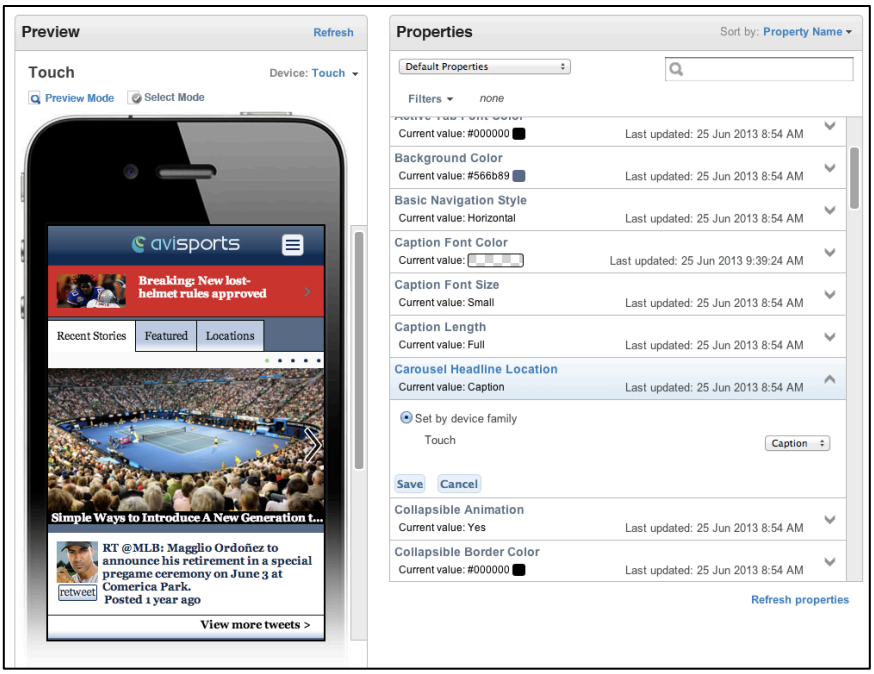

Figure 33 Carousel Headline Location

- *Collapsible Animation* - This property determines a collapsible animation, whether the section snaps shut or slides out. The value is either Yes or No. If it is set to “Yes”, it will slide out with a 1/3 second effect. This property is applicable to Touch and Tablet devices.

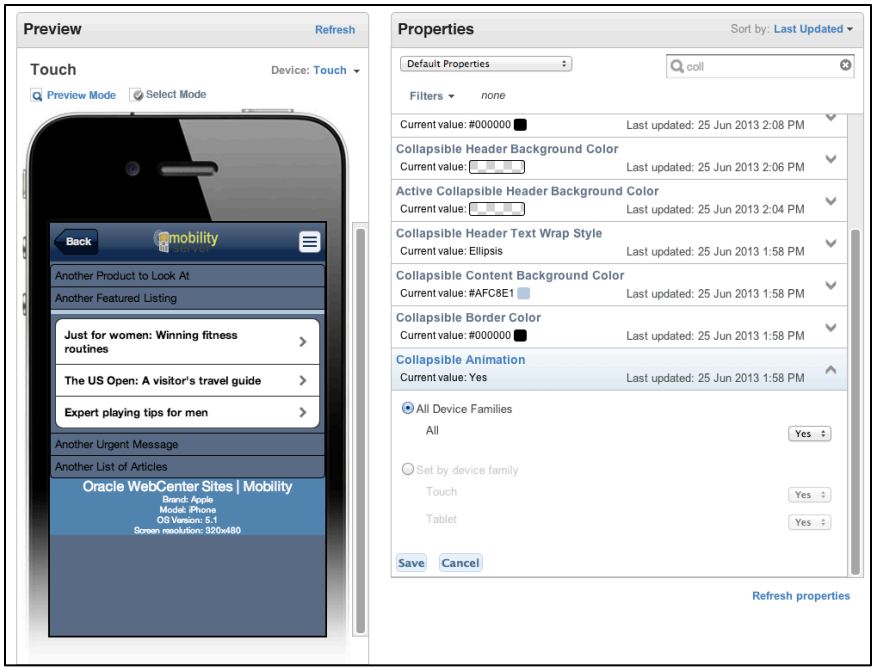

Figure 34 Collapsible Animation

- *Collapsible Border Color* - This property determines the color of the collapsible area's border using the color spectrum. This property is applicable to Touch and Tablet devices.

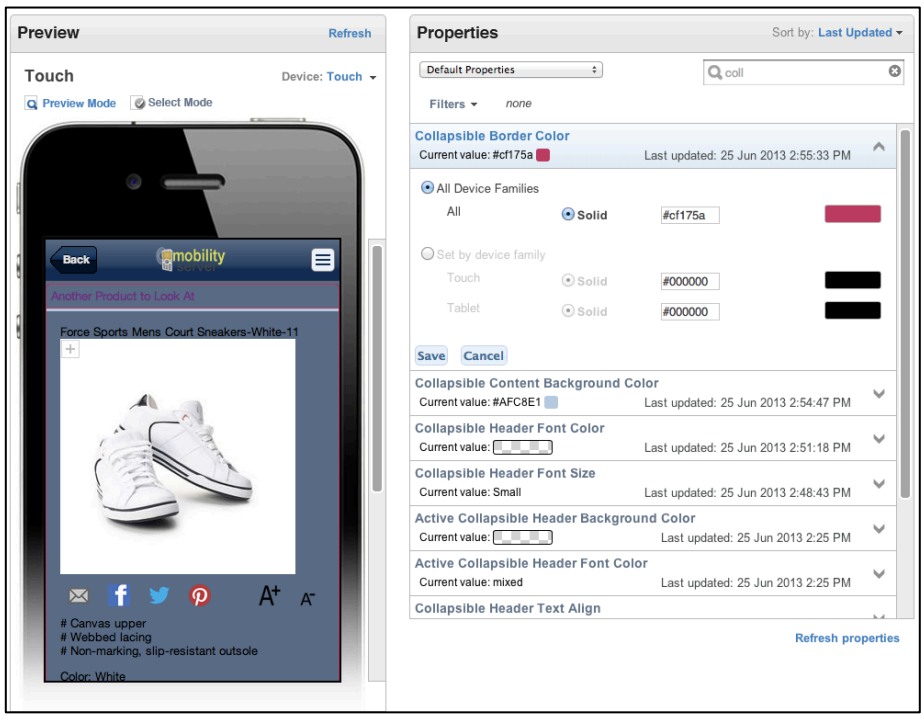

Figure35 Collapsible Border Color

- *Collapsible Content Background Color*- This property allows you to determine the background color for the collapsible using the color spectrum tool. This property is applicable to All Devices.

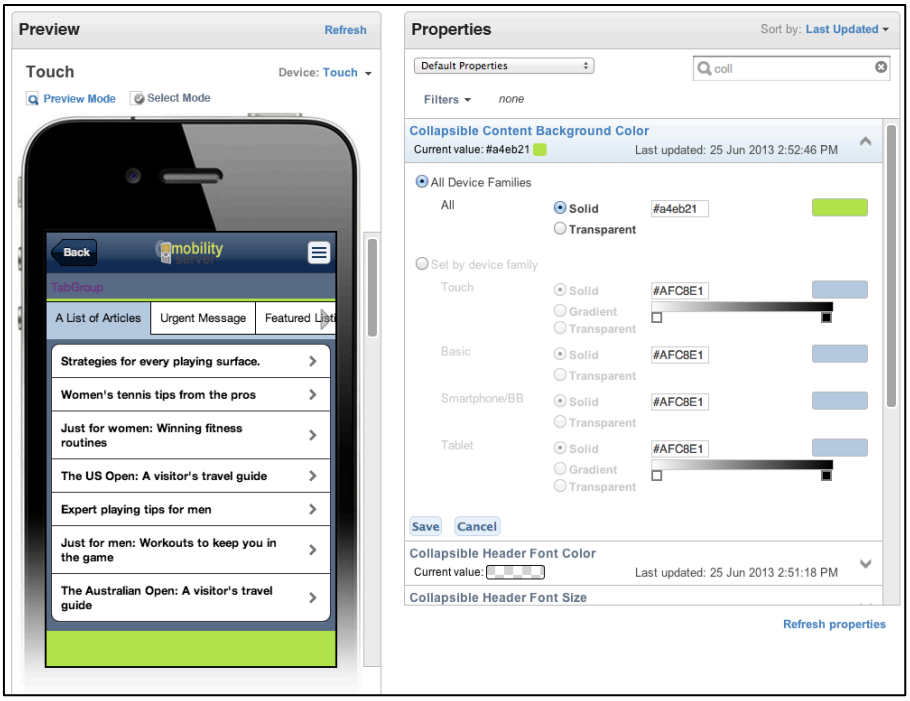

Figure 36 Collapsible Content Background Color

- *Collapsible Header Background Color*- This property allows you to determine the background color for the collapsible header using the color spectrum tool. This property is applicable to All Devices.

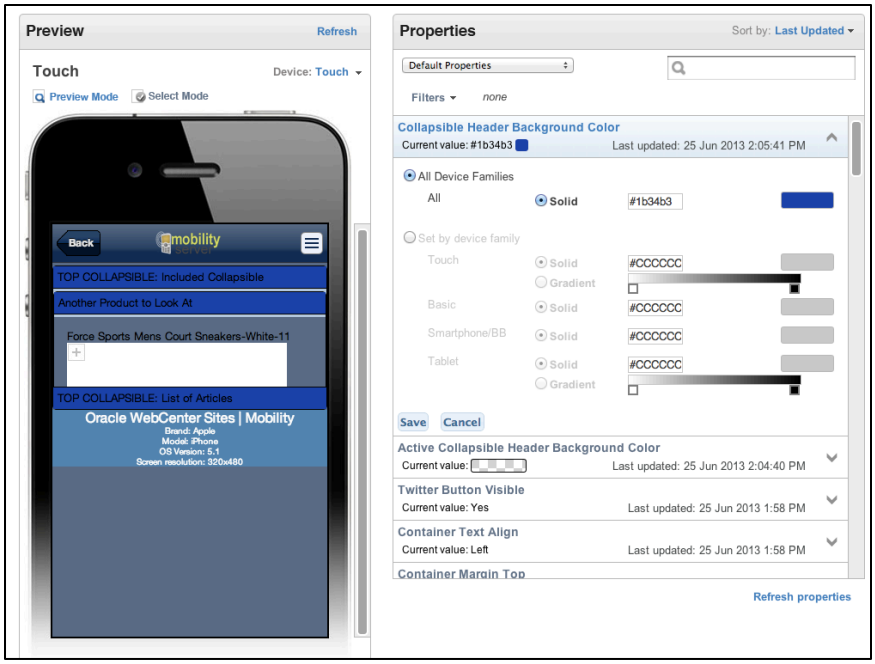

Figure 37 Collapsible Header Background Color

- *Collapsible Header Font Color*- This property allows you to determine the font color for the collapsible header using the color spectrum tool. This property is applicable to All Devices.

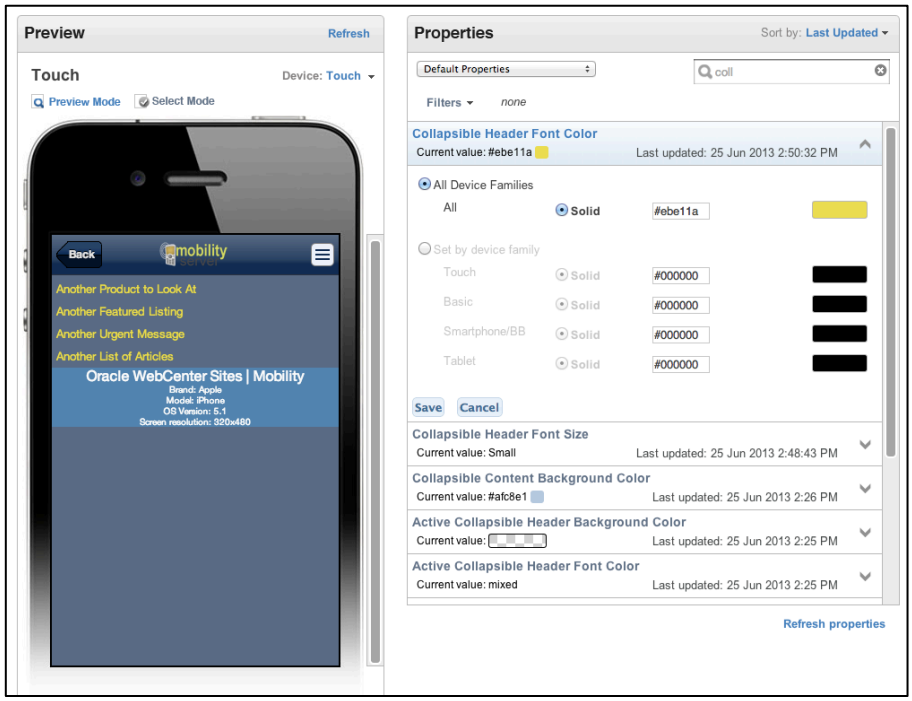

Figure 38 Collapsible Header Font Color

- *Collapsible Header Font Size*- This property allows you to determine the font size for the collapsible header using the color spectrum tool. This property is applicable to All Devices.

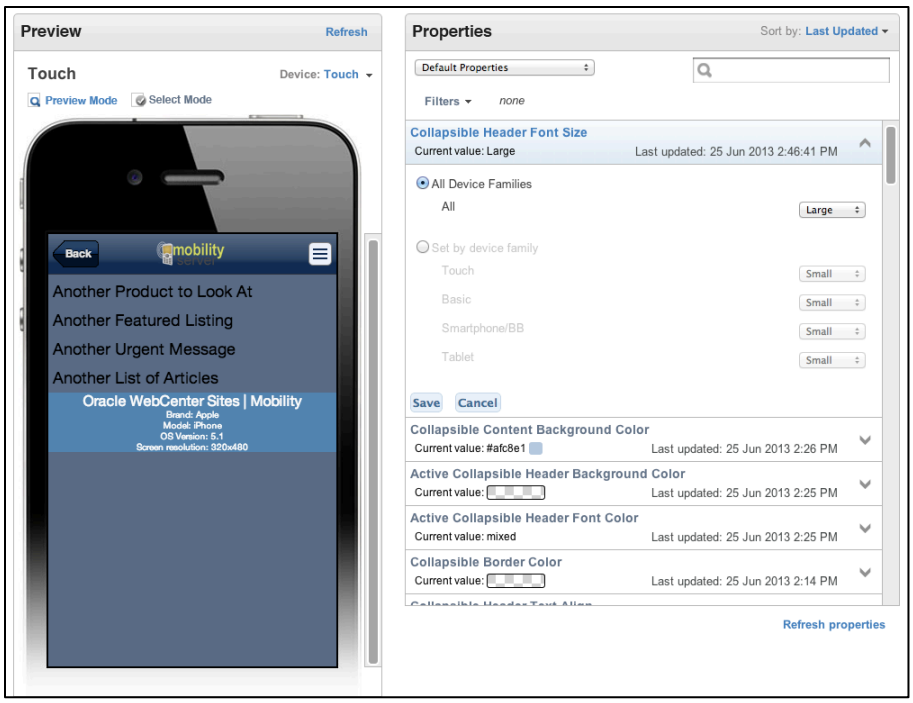

Figure 39 Collapsible Header Font Size

- *Collapsible Header Text Align* - This property allows you to determine the text alignment for the collapsible. The valid value is Left, Right, and Center. This property is applicable to All Devices.

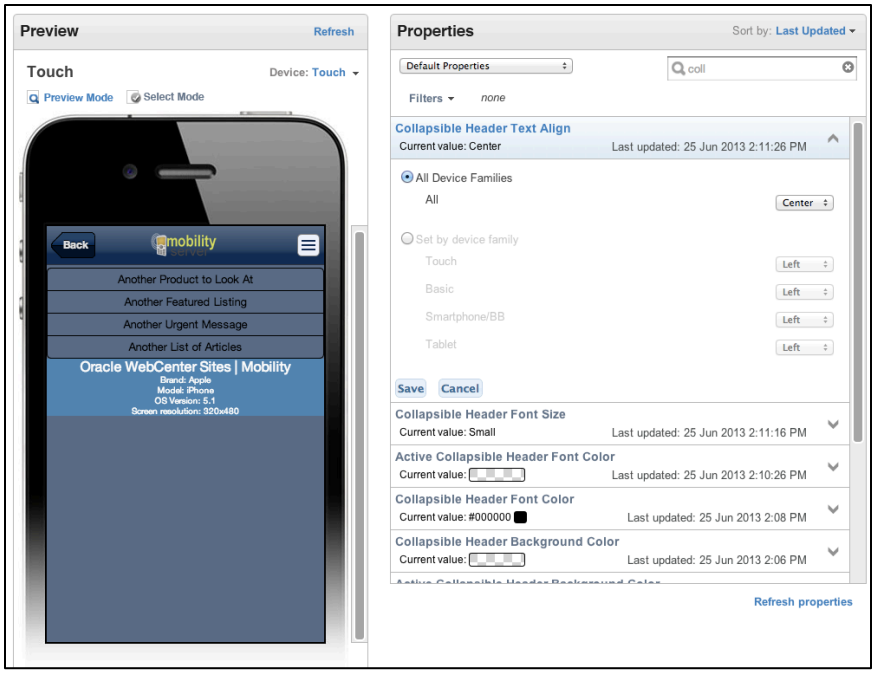

Figure 40 Collapsible Header Text Align

- *Collapsible Header Text Wrap Style*- This property allows you to determine the text wrap around style for the collapsible. The valid value is Ellipsis or Wrap Down. This property is applicable to Touch and Tablet devices.

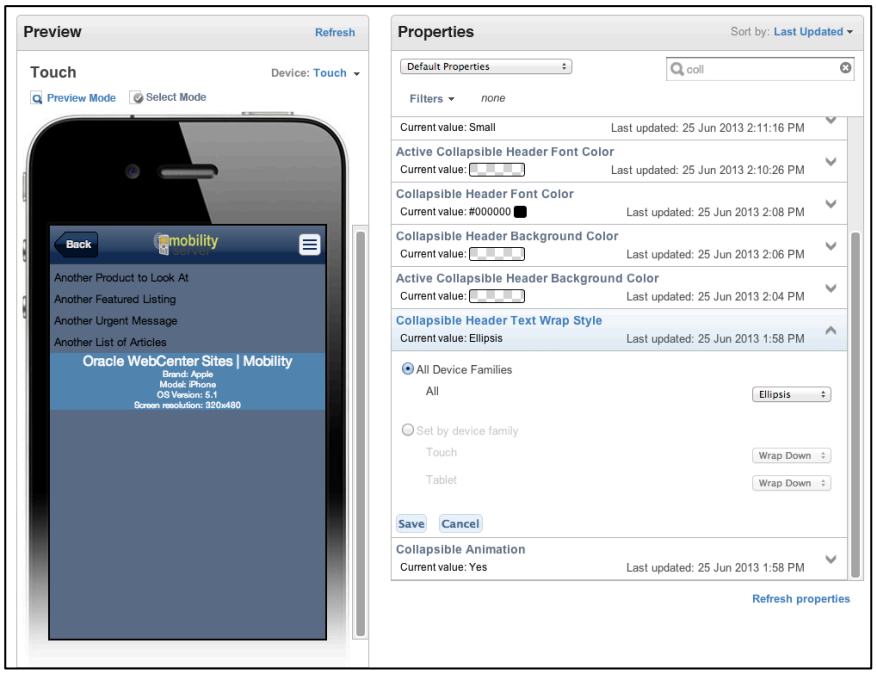

Figure 41 Collapsible Header Text Wrap Style

- *Container Margin Bottom*- This property determines the spacing for the bottom margin. The value can be 0, auto, inherit or a percentage. This property is applicable to Touch, Basic and Smartphone/BB devices.

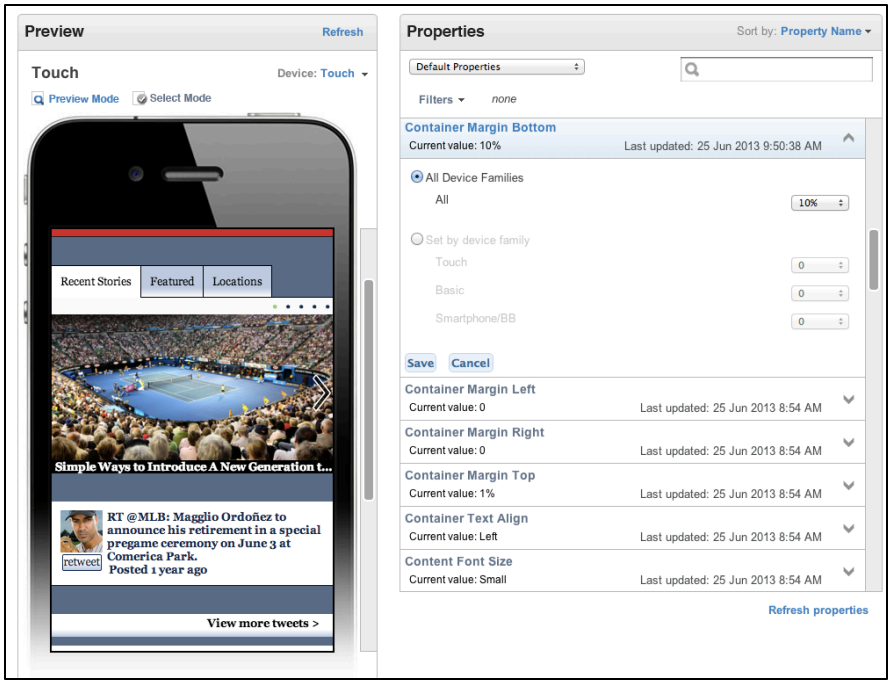

Figure 42 Container Margin Bottom

- *Container Margin Left*- This property determines the spacing for the left margin. The value can be 0, auto, inherit or a percentage. This property is applicable to Touch, Basic and Smartphone/BB devices.

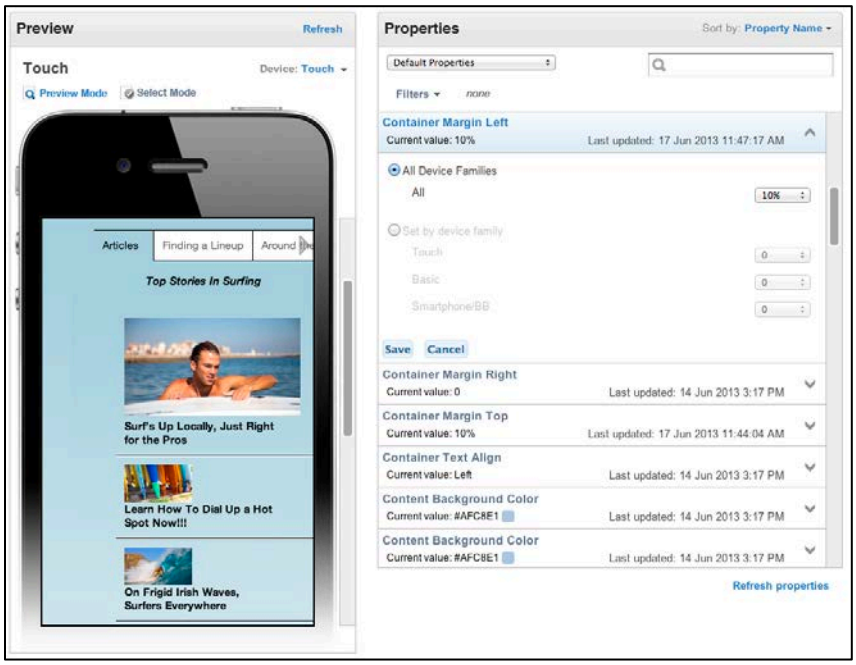

Figure 43 Container Margin Left

- *Container Margin Right*- This property determines the spacing for the right margin. The value can be 0, auto, inherit or a percentage. This property is applicable to Touch, Basic and Smartphone/BB Devices.

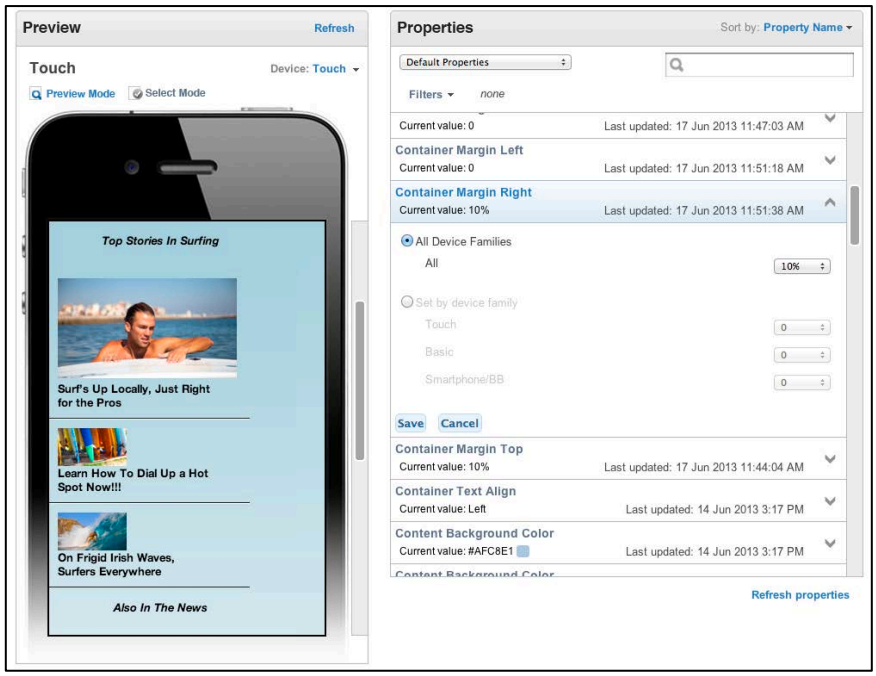

Figure 44 Container Margin Right

- *Container Margin Top*- This property determines the spacing for the top margin. The value can be 0, auto, inherit or a percentage. This property is applicable to Touch, Basic and Smartphone/BB devices.

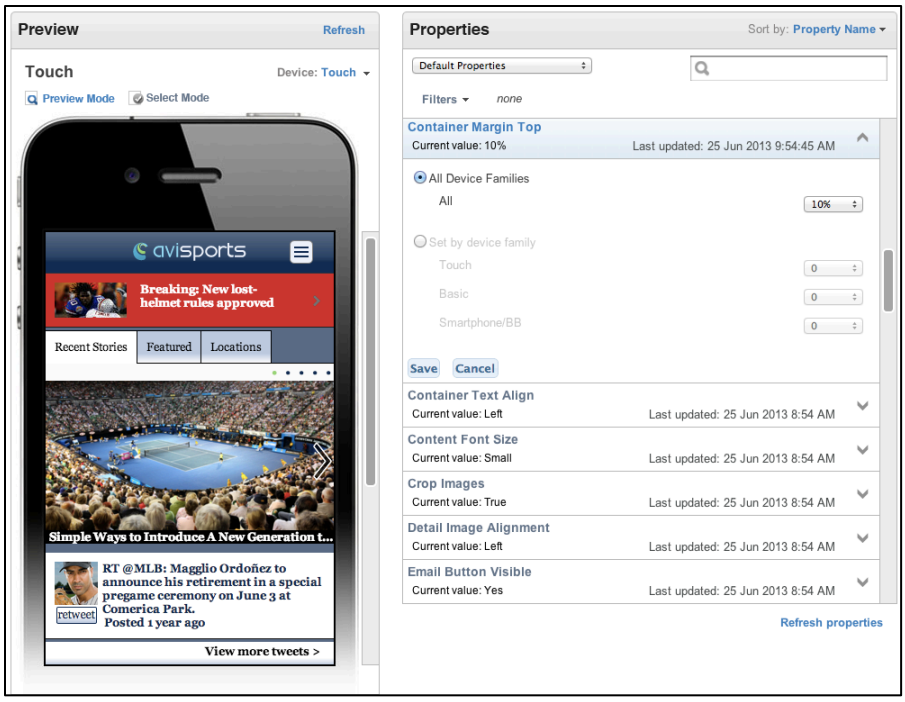

Figure 45 Container Margin Top

- *Container Text Align*- This property determines the text alignment for a Display Object. The valid value is Left, Right, and Center. This property is applicable to Touch and Tablet devices.

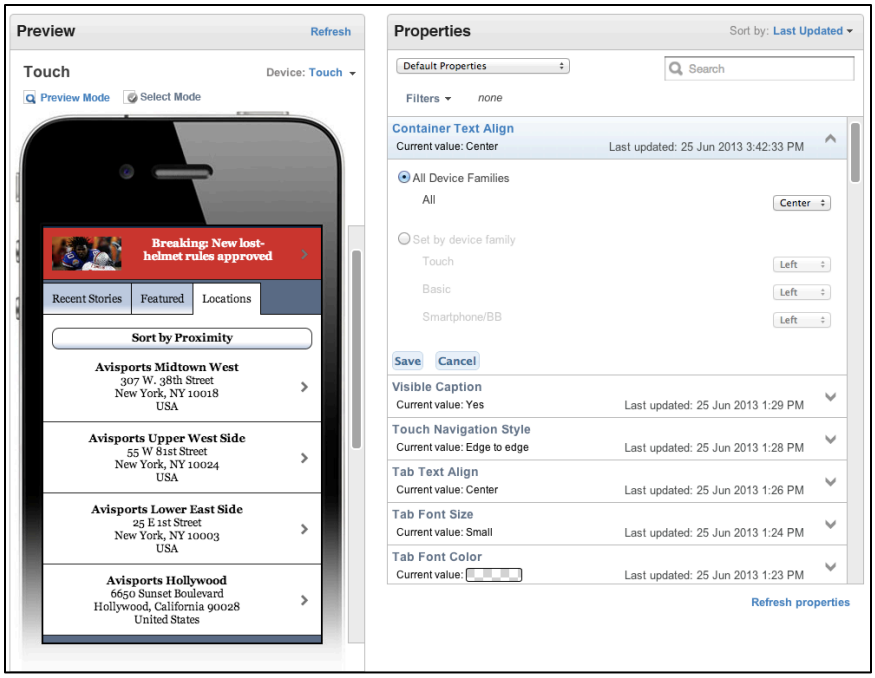

Figure 46 Container Text Align

- *Content Font Size*- This property determines the font size for Display Objects. The valid value is Small, Medium or Large. This property is applicable to All Devices.

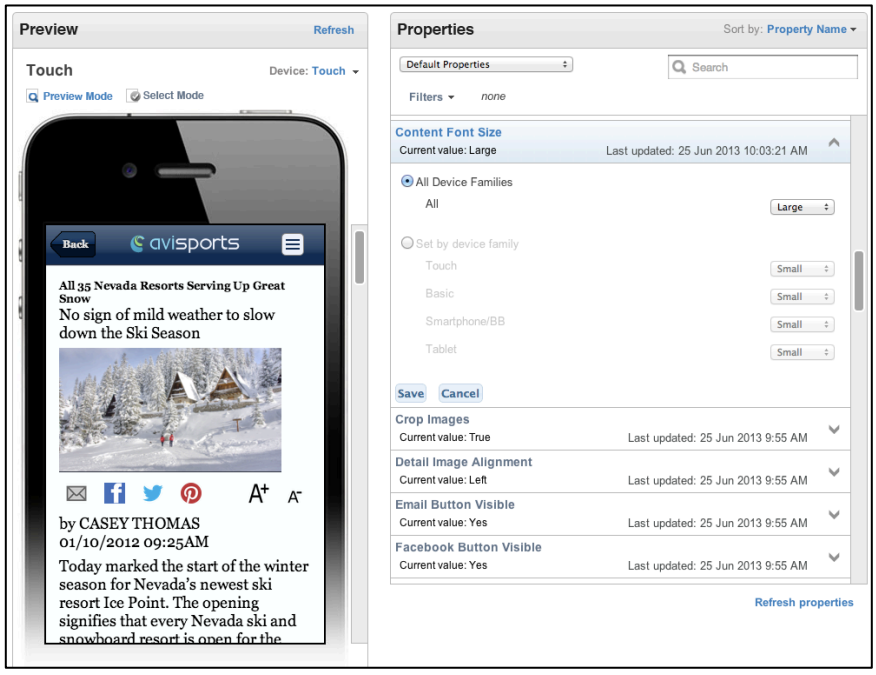

Figure 47 Content Font Size

- *Crop Images*- This property determines the framing of carousal images, as they can be displayed as an original or modified image. The valid value is True and False. This property is applicable to Touch devices.

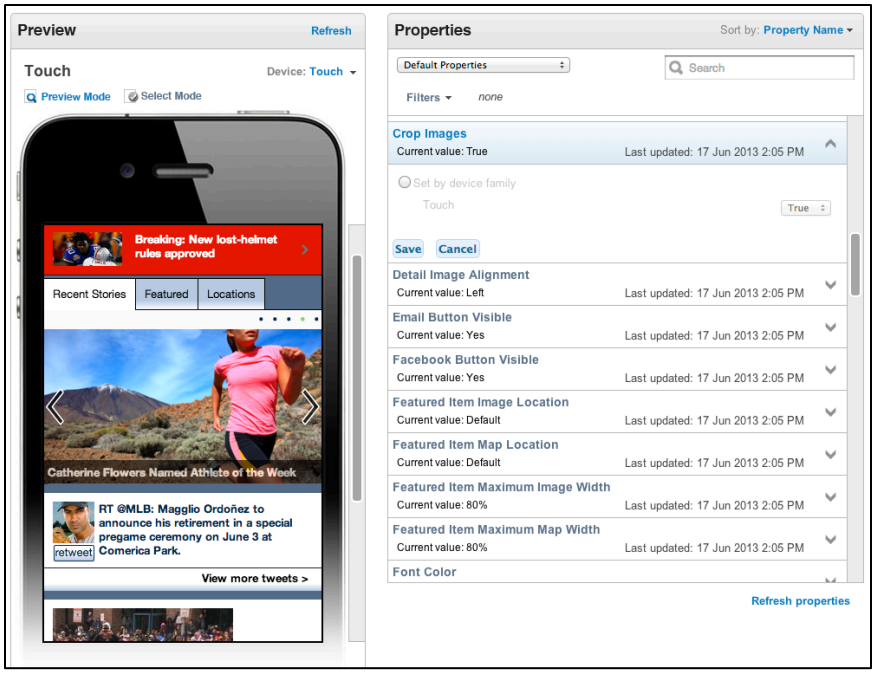

Figure 48 Crop Images

- *Detail Image Alignment*- This property determines placement for detail images. The value is Left, Right, Center, Left Inline, Right Inline. This property is applicable to All Devices.

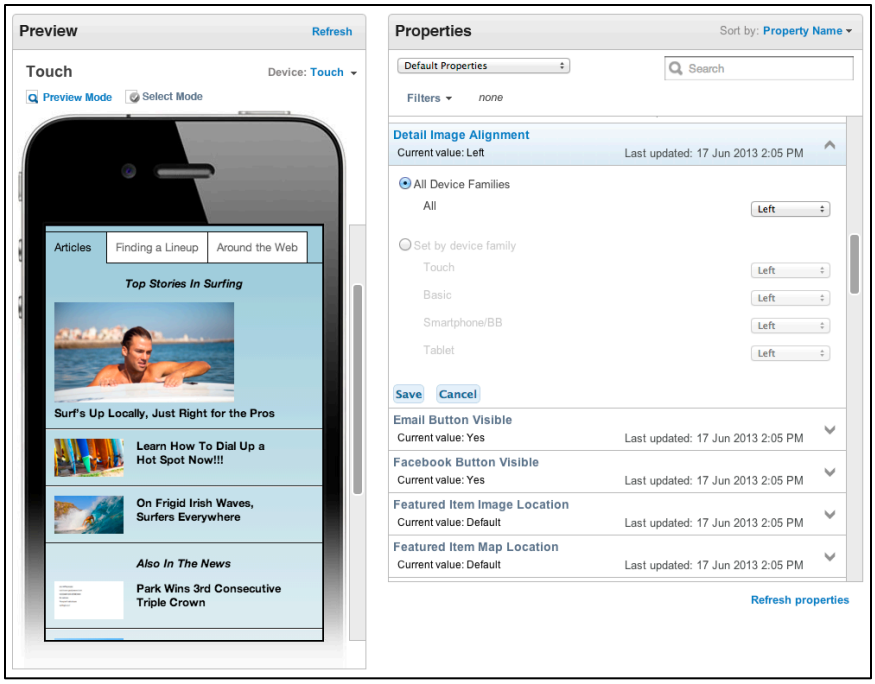

Figure 49 Detail Image Alignment

- *Email Button Visible* -- This property allows you to display the e-mail icon. The valid value is Yes or No. This property is applicable to All Devices.

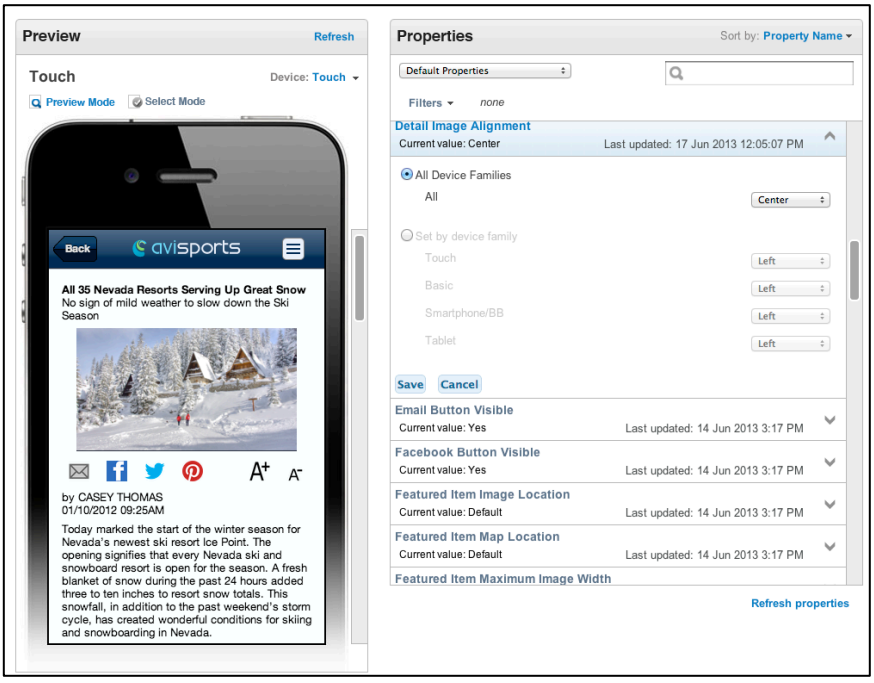

Figure 50 Email Button Visible

- *Facebook Button Visible* -- This property allows you to display the Facebook social media icon. The valid value is Yes or No. This property is applicable to All Devices.

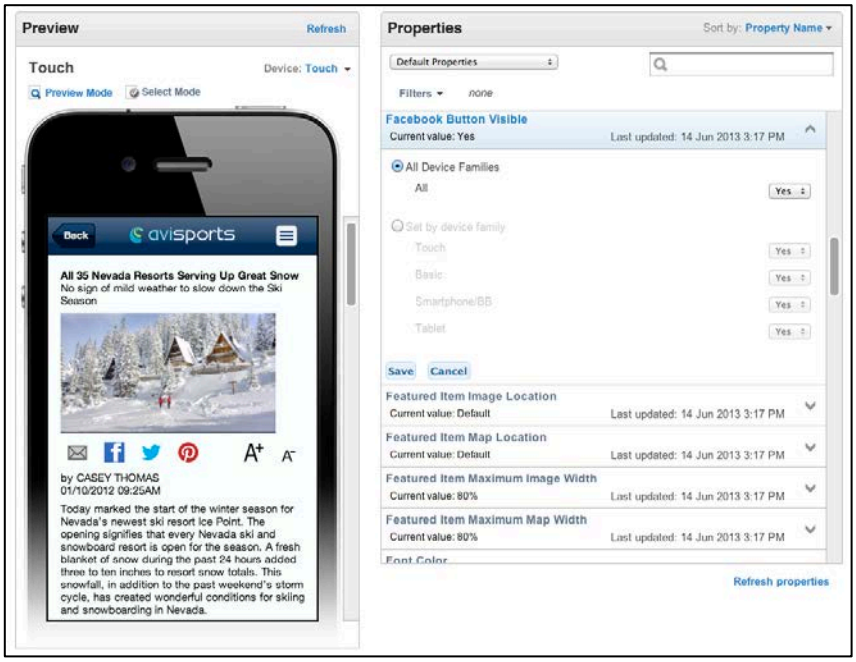

Figure 51 Facebook Button Visible

- *Featured Item Image Location*- This property determines image placement for the featured item in a list . The value is Left, Right, Center, Left Inline, Right Inline. This property is available to All Devices.

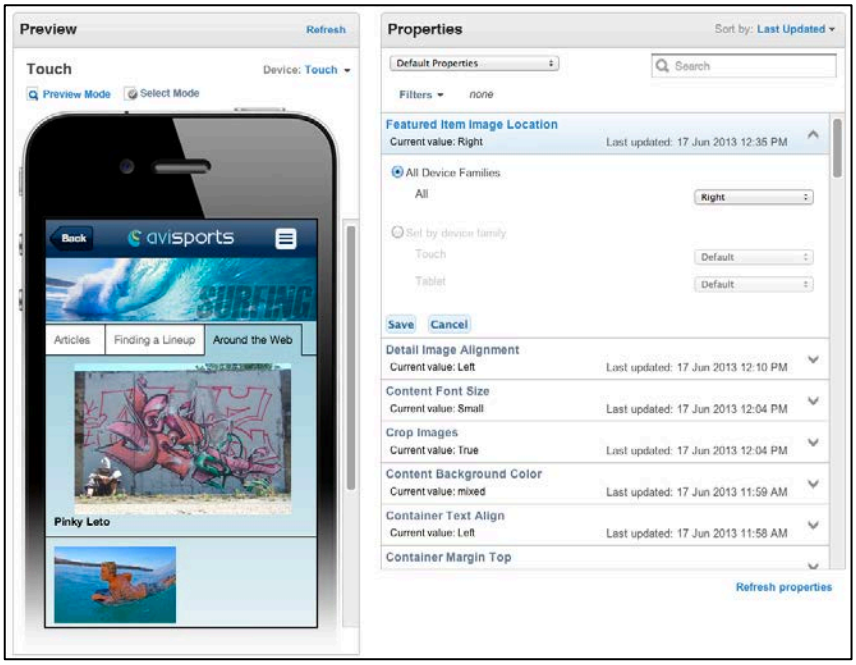

Figure 52 Featured Item Image Location

- *Featured Item Map Location*- This property determines the map location for the featured item. The value is Default, Left, Right, Left Inline, Right Inline, Above Headline, Below Headline, Left Above Caption, Right Above Caption. This property is applicable to Touch devices.

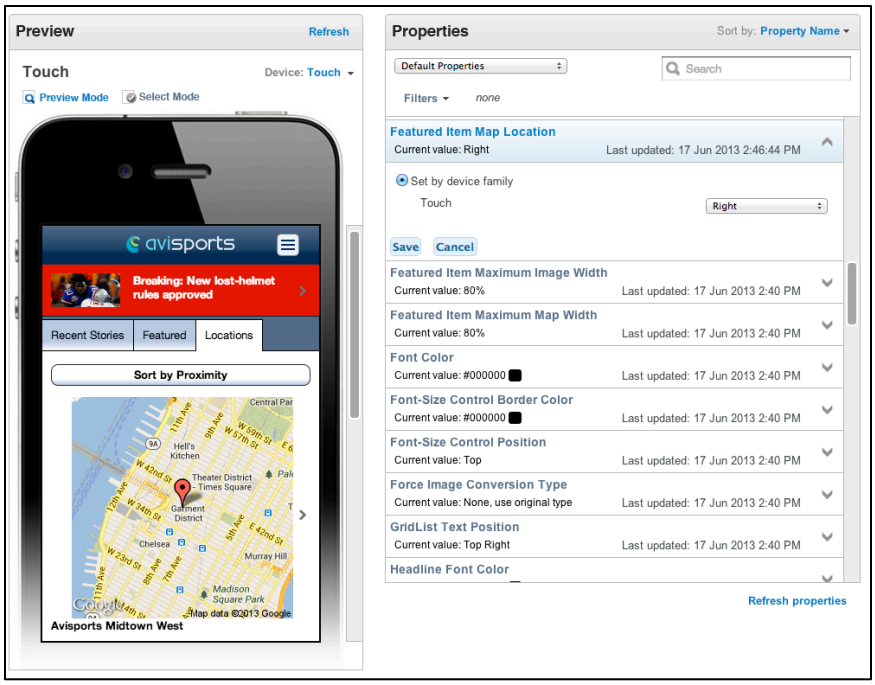

Figure 53 Featured Item Map Location

- *Featured Item Maximum Image Width*- This property determines the featured item image's maximum width. The value is set to a percentage using the slider tool. This property is applicable to Touch and Tablet devices.

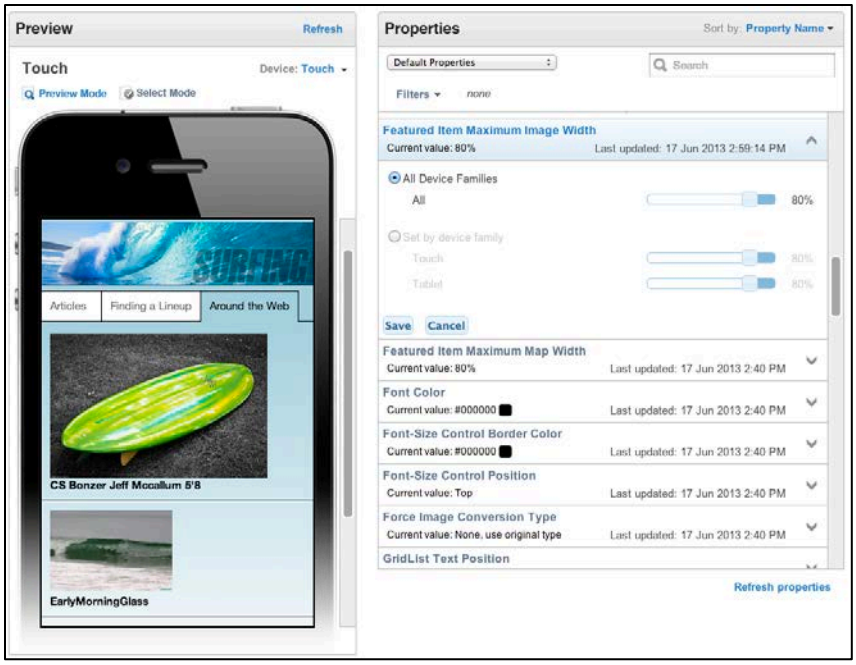

Figure 54 Featured Item Maximum Image Width

- *Featured Item Maximum Map Width*- This property determines the featured item map's maximum map width. The value is set to a percentage using the slider tool. This property is applicable to Touch and Tablet devices.

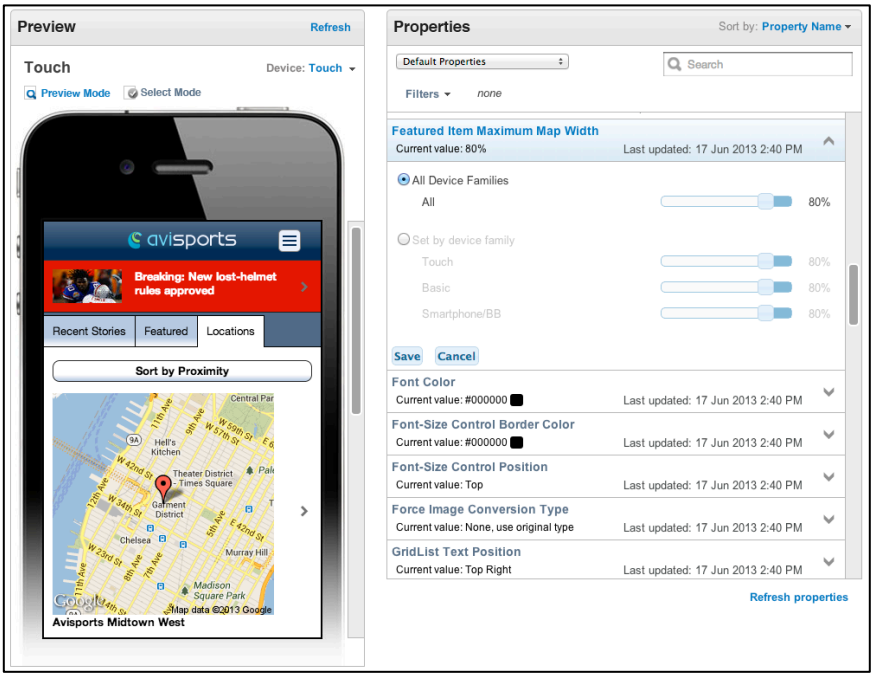

Figure 55 Featured Item Maximum Map Width

- *Font Color* – This property allows you to change the text font color of a Display Object such as *ArticleDetail* . This property is applicable to All Devices. In the below example the mapped Display Object ArticleDetail Font Color has not been modified so the default font color is used.

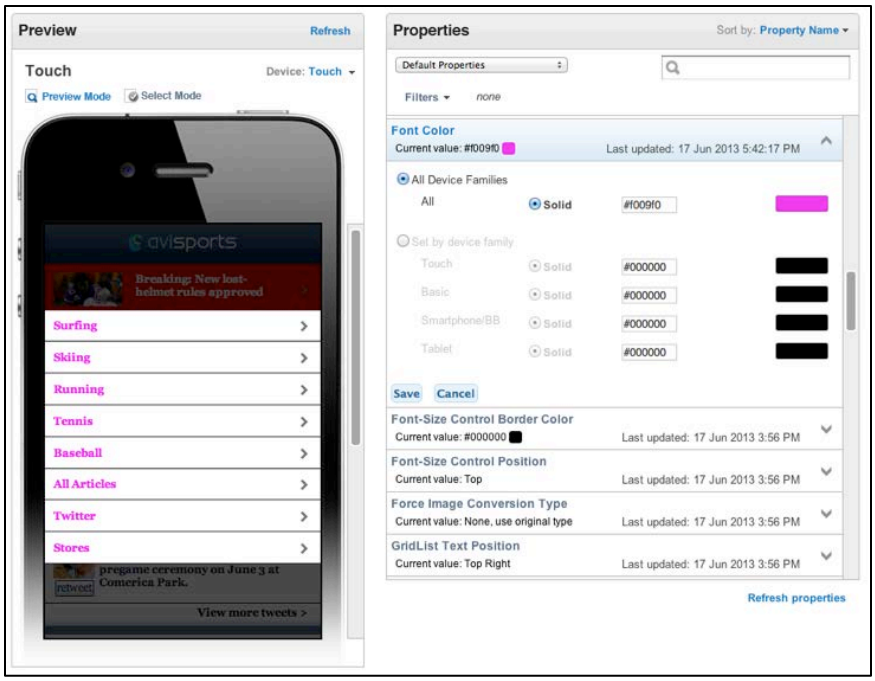

Figure 56 Font Color

- *Font-Size Control Position*- This property determines the location of the social media and font-sizing buttons. The value is Top, Bottom, Both, Off. This property is applicable to Touch and Tablet devices.

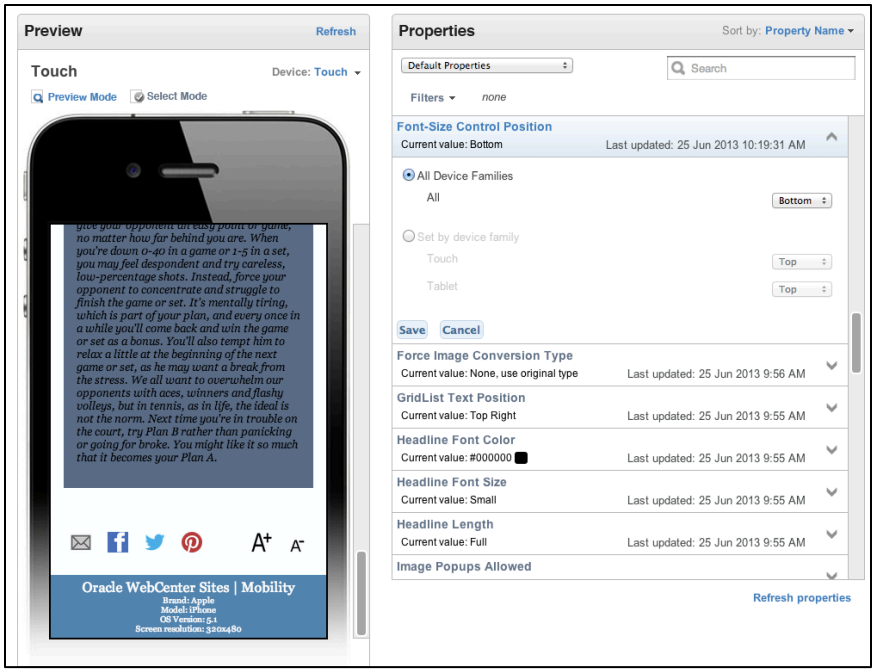

Figure 57 Font Size Control Position

- *Force Image Conversion Type*- This property determines the image file format. The value is original type or JPEG, where the image is compressed and may lose its quality. This property is available to All Devices.

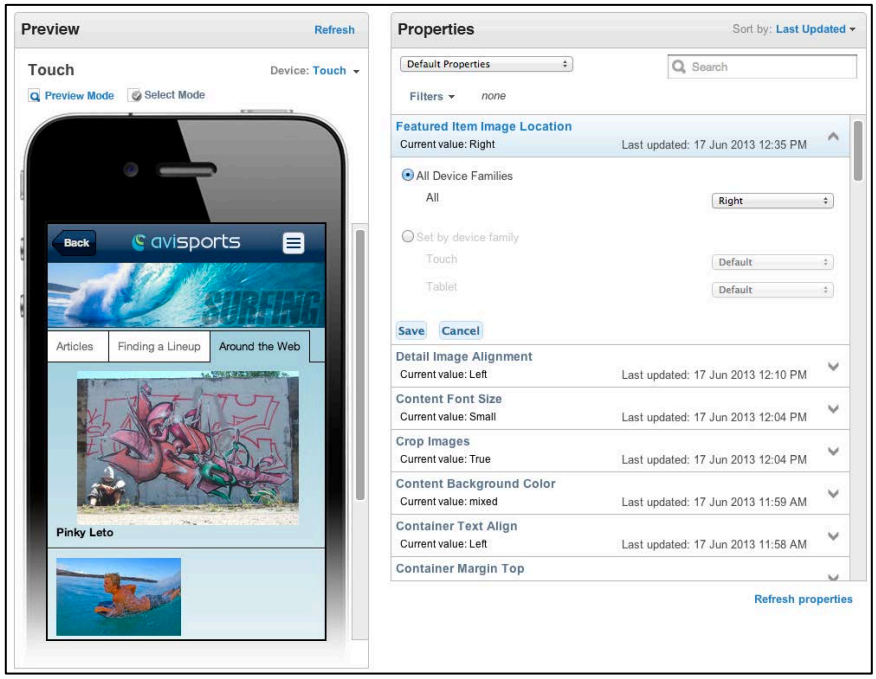

Figure 58 Force Image Conversion Type

- *GridList Text Position*- This property determines the text location for gridlist images. The value is Hidden, Top Left, Top Center, Top Right, Middle Left, Middle Center, Middle Right, Bottom Left, Bottom Center, Bottom Right. This property is applicable to Tablet devices.

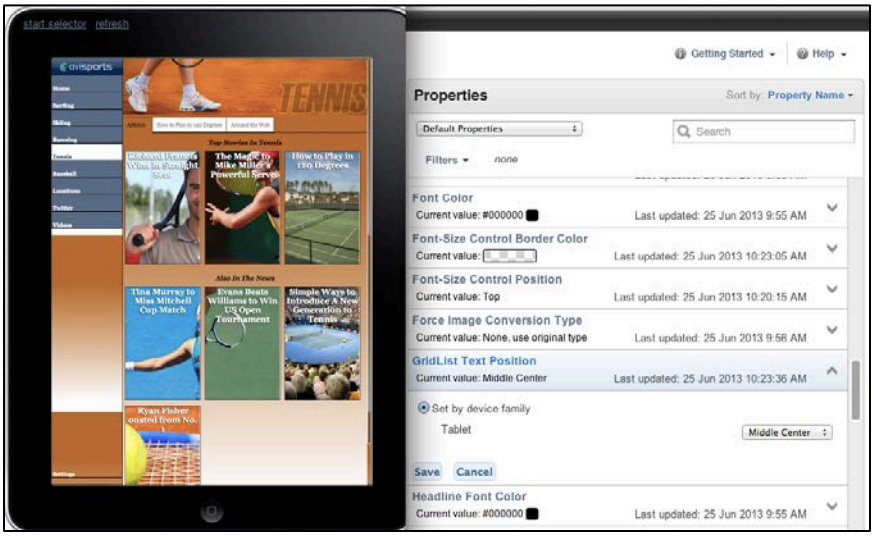

Figure 59 Gridlist Text Position

- *Headline Font Color*- This property determines the font color of the headline using the color spectrum. This property is available to All Devices.

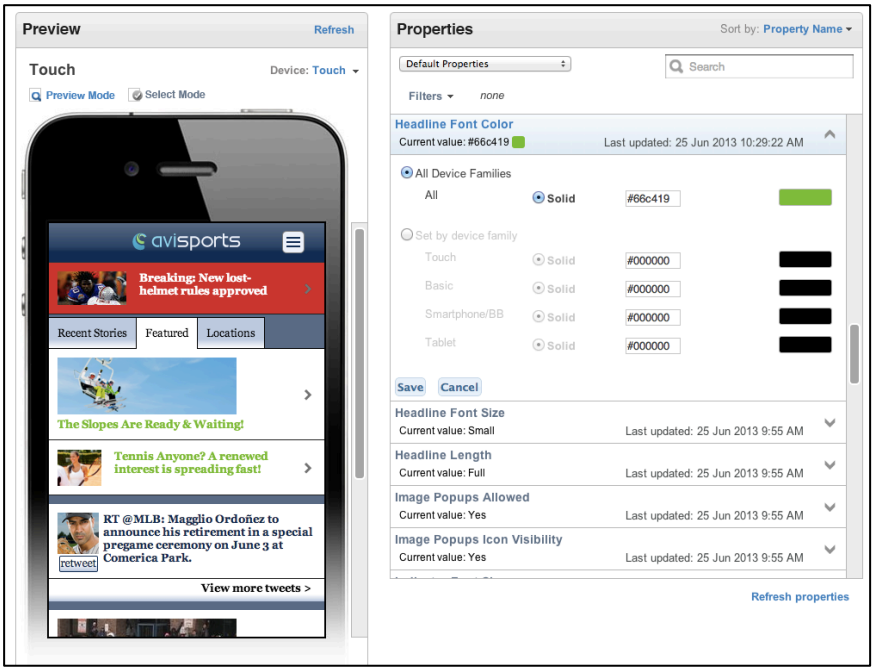

Figure 60 Headline Font Color

- *Headline Font Size*- This property the font size of the headline. The value is Small, Medium or Large. This property is applicable to All Devices.

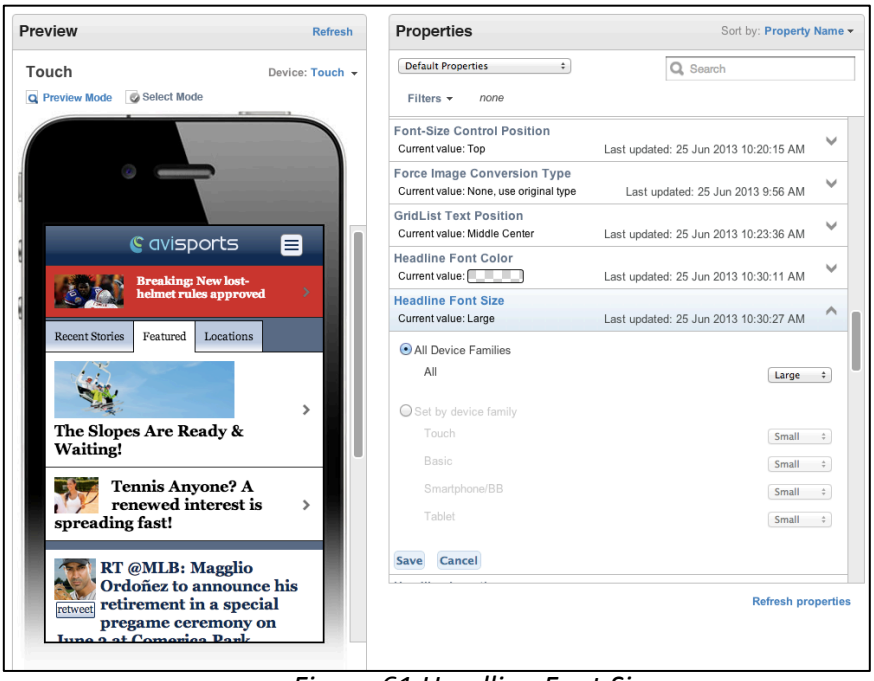

Figure 61 Headline Font Size

- *Headline Length* - This property determines the size of the headline. The value is Full or One Line. This property is applicable to Touch and Tablet devices.

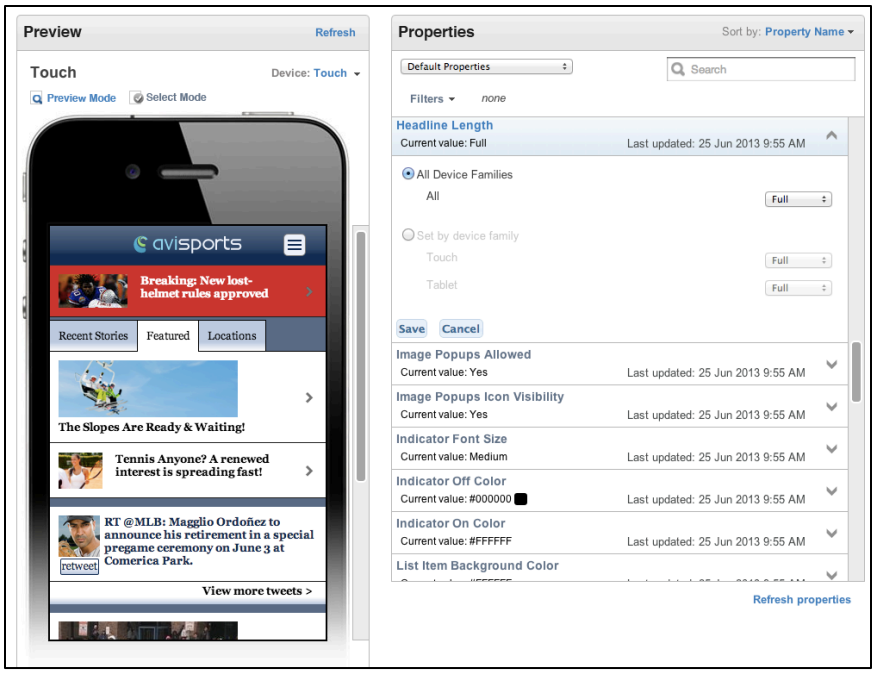

Figure 62 Headline Length

- *Image Popups Allowed*- This property determines if images can be enlarged as popups. The value is Yes or No. This property is applicable to Touch devices.

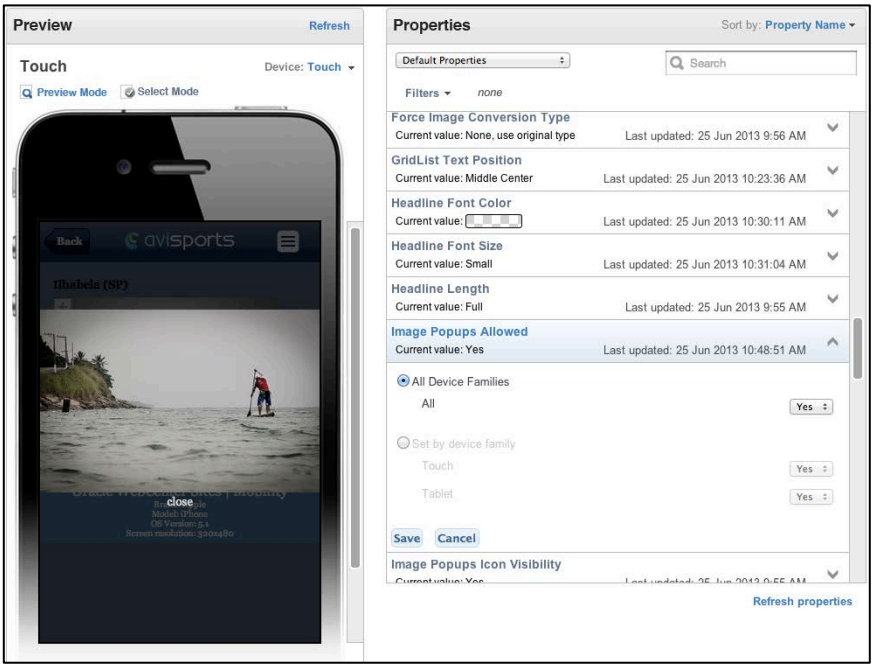

Figure 63 Image Popups Allowed

- *Image Popups Icon Visibility*- This property determines if the popup icon is displayed next to an image. The value is Yes or No. This property is applicable to Touch devices.

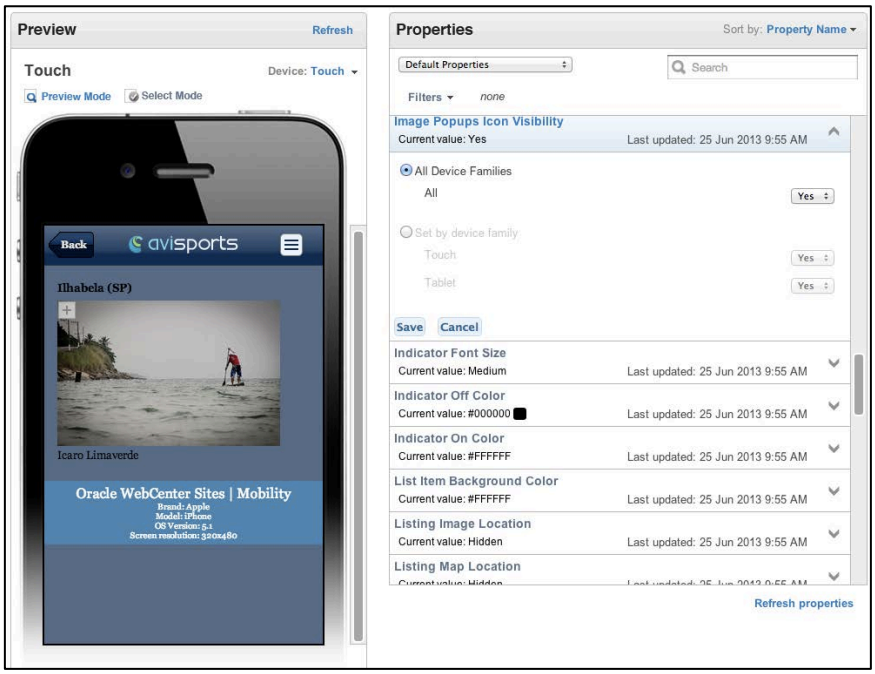

Figure 64 Image Popups Icon Visibility

- *Indicator Font Size*- This property determines the font size for the carousel's navigation indicators. The value is Small, Medium, Large. This property is applicable to Touch devices.

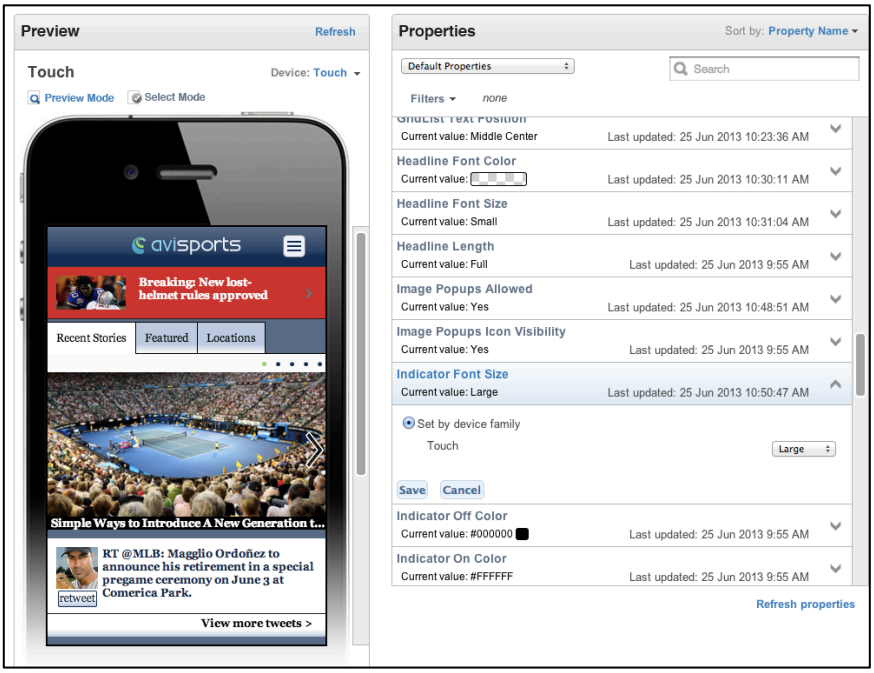

Figure 65 Indicator Font Size

- *Indicator Off Color*- This property determines the color of the carousel's inactive navigation indicator using the color spectrum. This property is applicable to Touch devices.

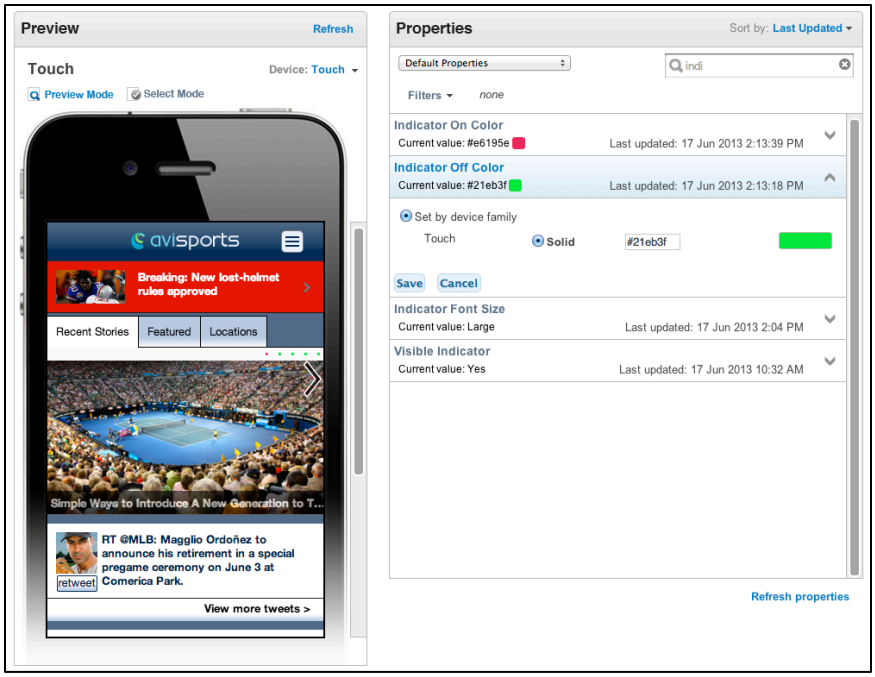

Figure 66 Indicator Off Color

- *Indicator On Color*- This property determines the color of the carousel's active navigation indicator using the color spectrum. This property is applicable to Touch devices.

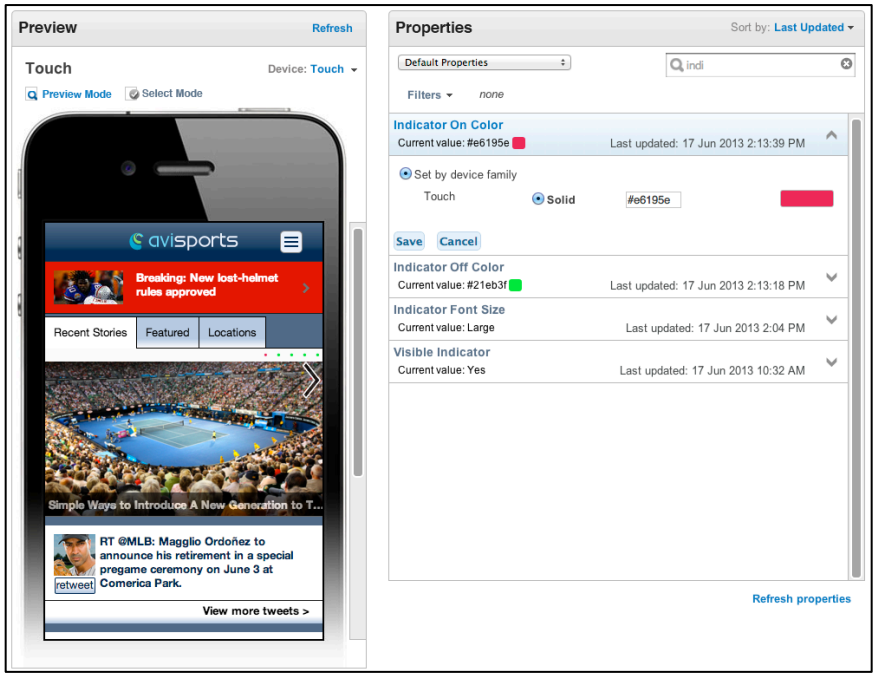

Figure 67 Indicator On Color

- *List Item Background Color*- This property determines the background color for all lists using the color spectrum. This property is applicable to Touch and Tablet devices.

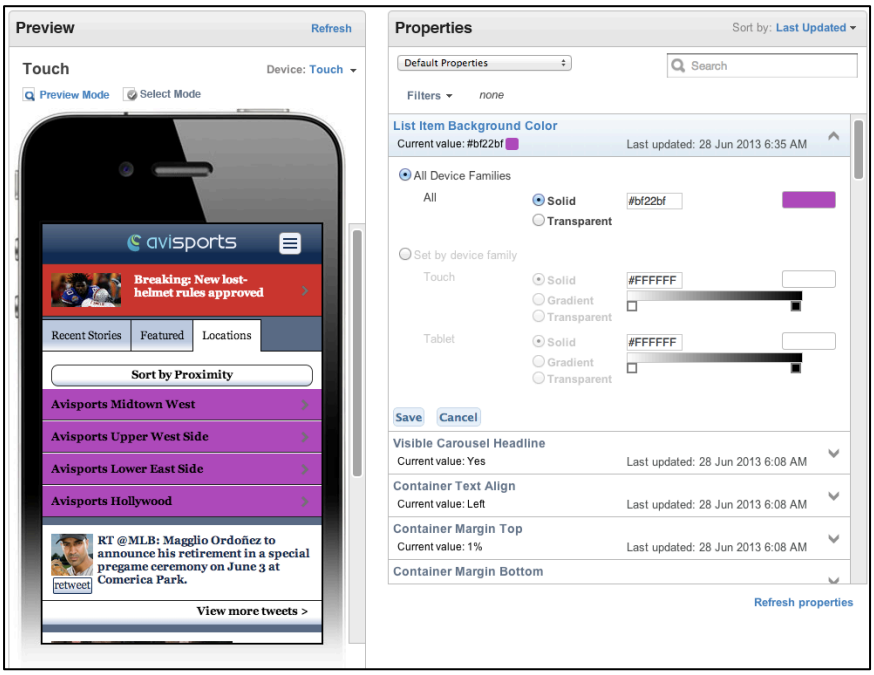

Figure 68 List Item Background Color

- *Listing Image Location*- This property determines the image location for a listing item. The value is Hidden, Left, Center, Right, Left Inline, Right Inline, Above Headline, Below Headline, Left Above Caption, Right Above Caption. This property is applicable to Touch and Tablet devices.

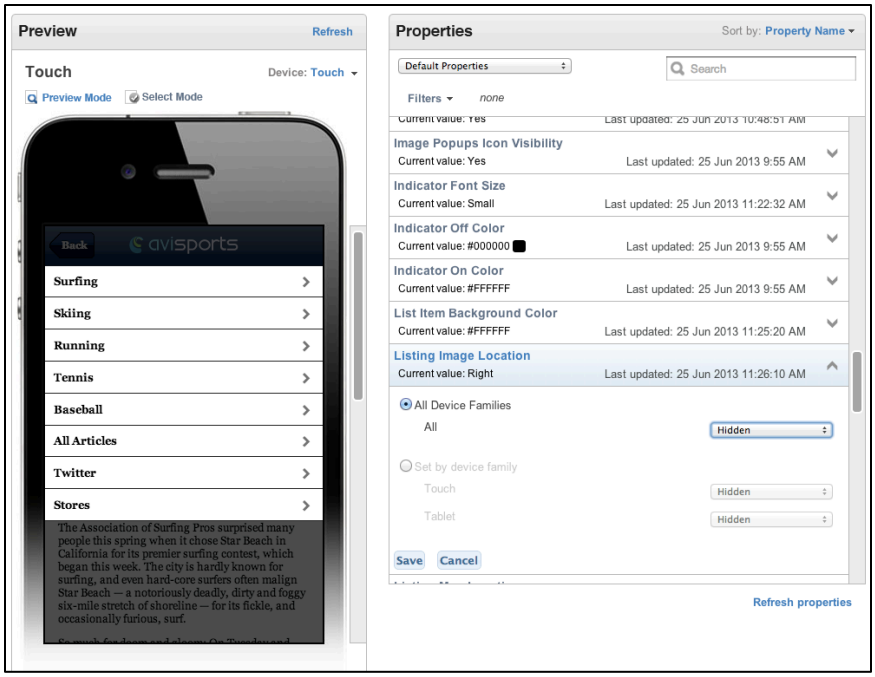

Figure 69 Listing Image Location

- *Listing Map Location*- This property determines the map location for a listing item. The value is Hidden, Left, Center, Right, Left Inline, Right Inline, Above Headline, Below Headline, Left Above Caption, Right Above Caption. This property is applicable to Touch devices.

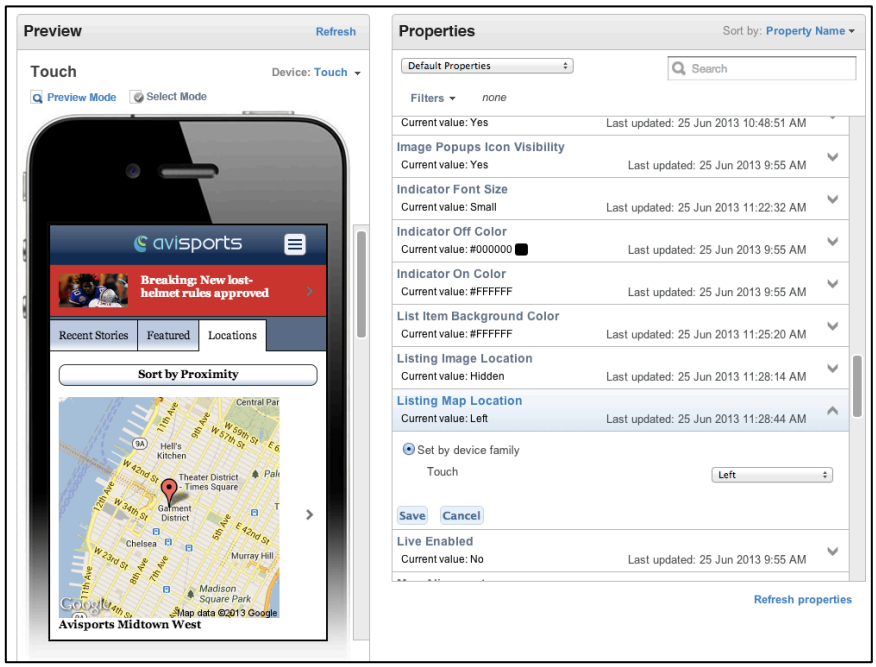

Figure 70 Listing Map Location

- *Live Enabled*- This property determines whether the Display Object is live (self-enabled). The value is Yes or No. This property is applicable to Touch Devices.

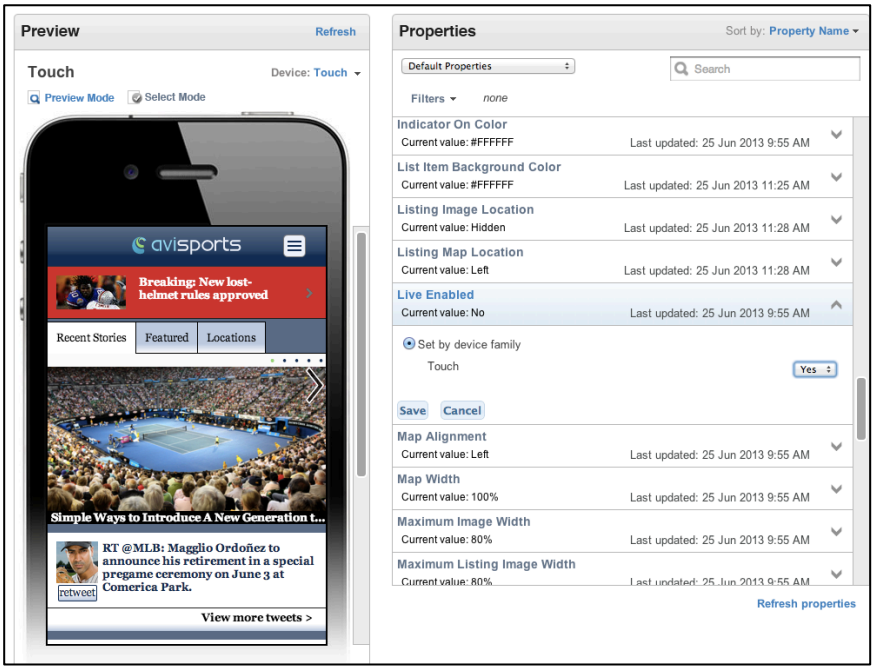

Figure 71 Live Enabled

- *Map Alignment* – This property allows you to align a map to the left, center or right on a detail page. This property is applicable to All Devices.

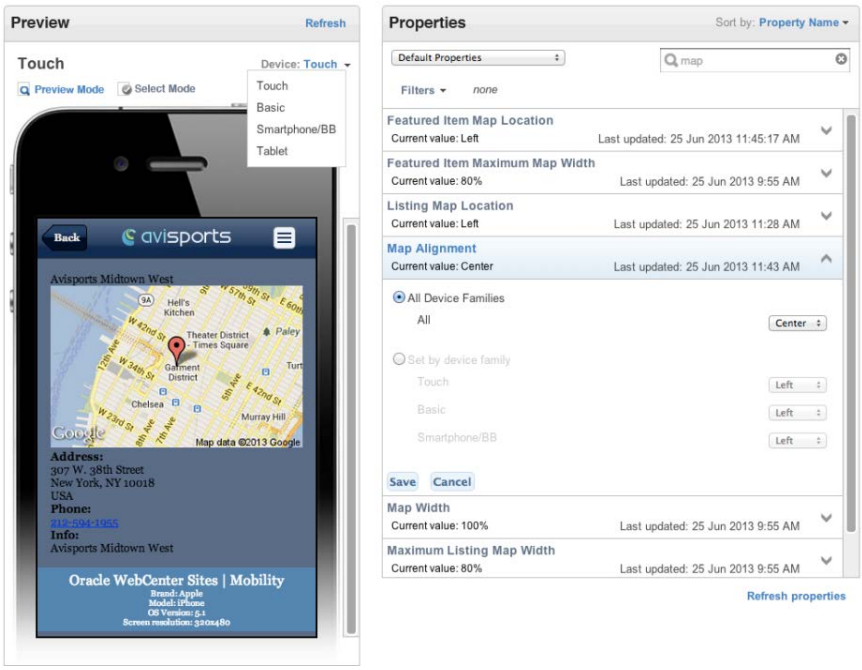

Figure 72 Map Alignment

- *Map Width* – This property allows you to adjust the width of the map as a percent of the device's viewable width area. (Similar property includes Maximum Image Width and Table Width). This property is applicable to All Devices.

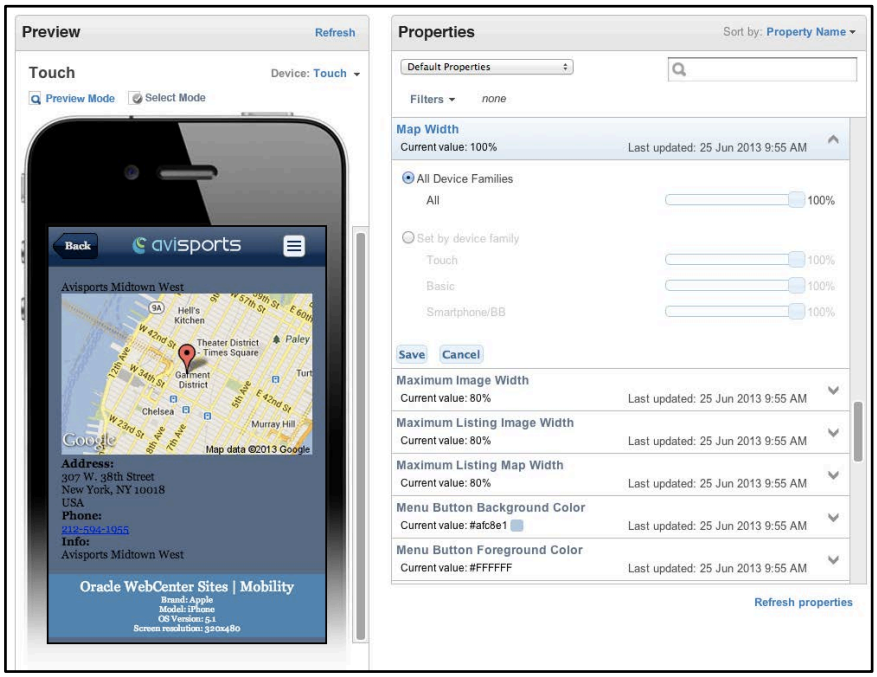

Figure73 Map Width

- *Maximum Image Width*- This property allows you to set the maximum image width as a percentage of the device screen width. This property is applicable to All Devices.

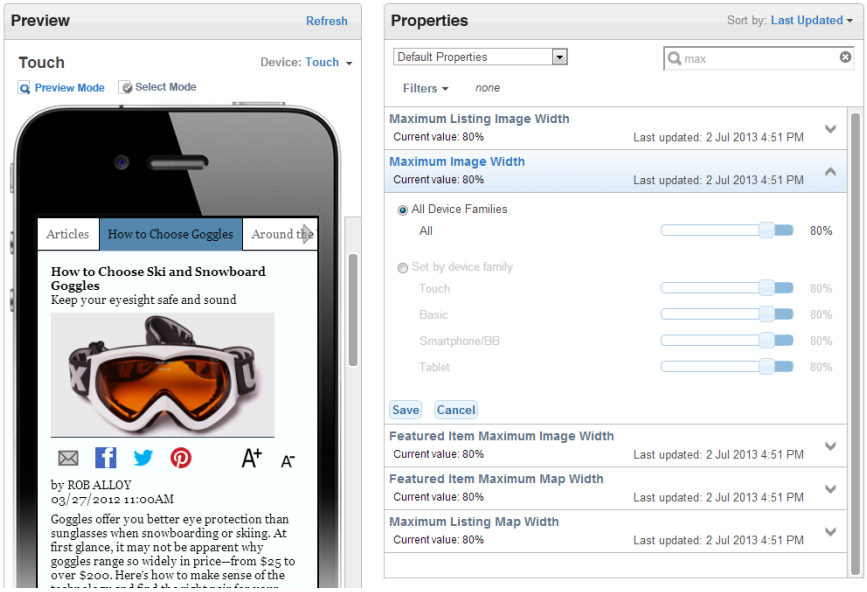

Figure 74 Maximum Image Width

- *Maximum Listing Image Width*- This property allows you to set the maximum image width as a percentage of the device width. This property is applicable to Touch and Tablet devices.

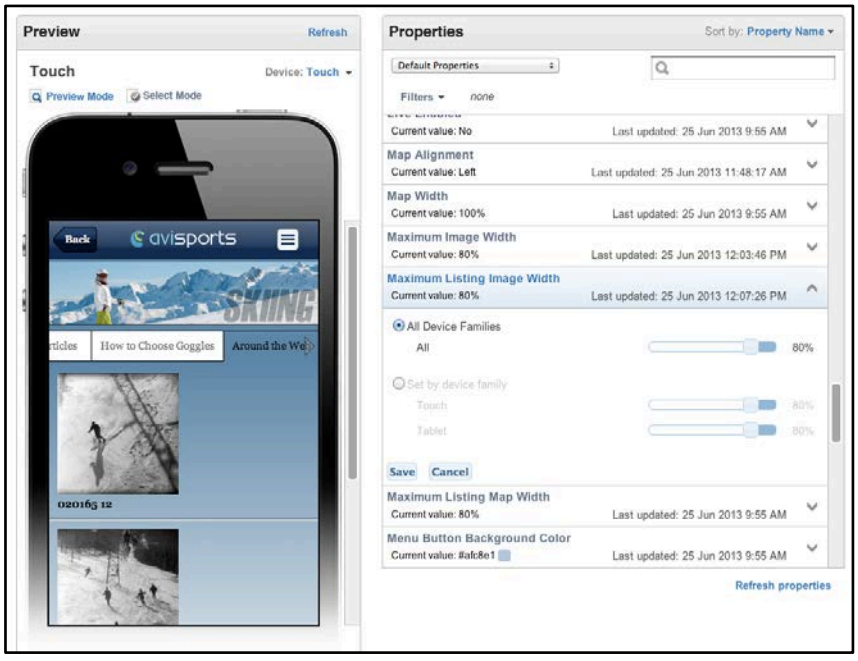

Figure 75 Maximum Listing Image Width

- *Maximum Listing Map Width* – This property allows you to set the maximum map width as a percentage from half of the device screen width. This property is applicable to Touch, Basic and Smart/BB devices.

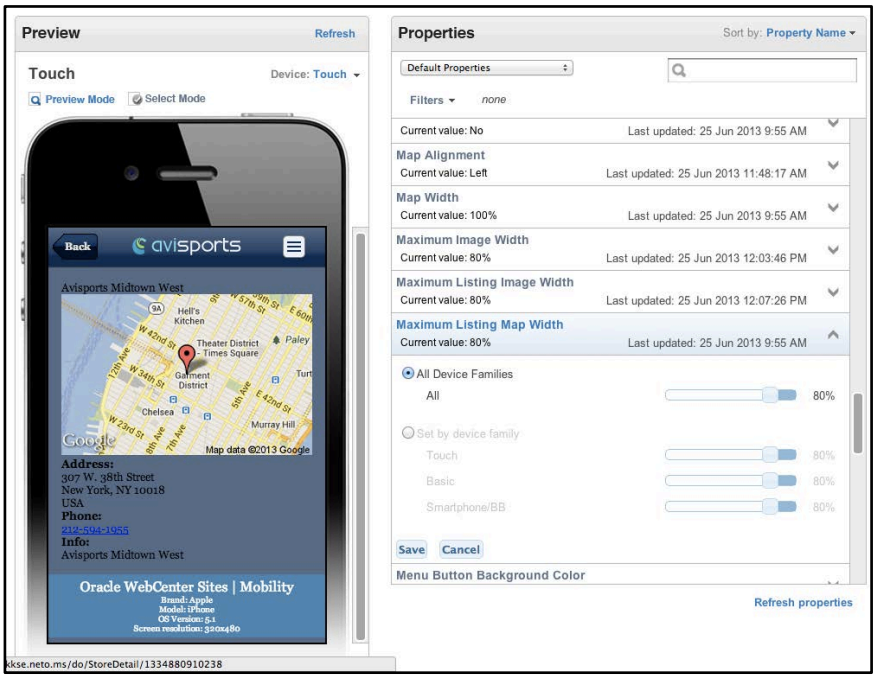

Figure 76 Maximum Listing Map Width

- *Menu Button Background Color* -- This property allows you to set a color for the background of the popup menu button. This property is applicable to All Devices.

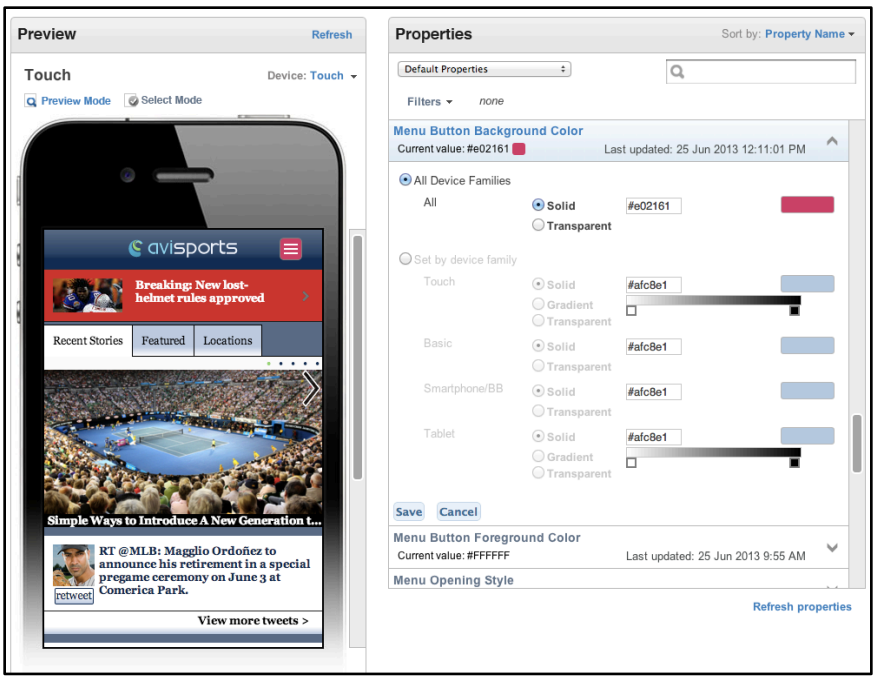

Figure 77 Menu Button Background Color

- *Menu Button Foreground Color* - This property allows you to set a color for the foreground of the popup menu button. This property is applicable to Touch and Tablet devices.

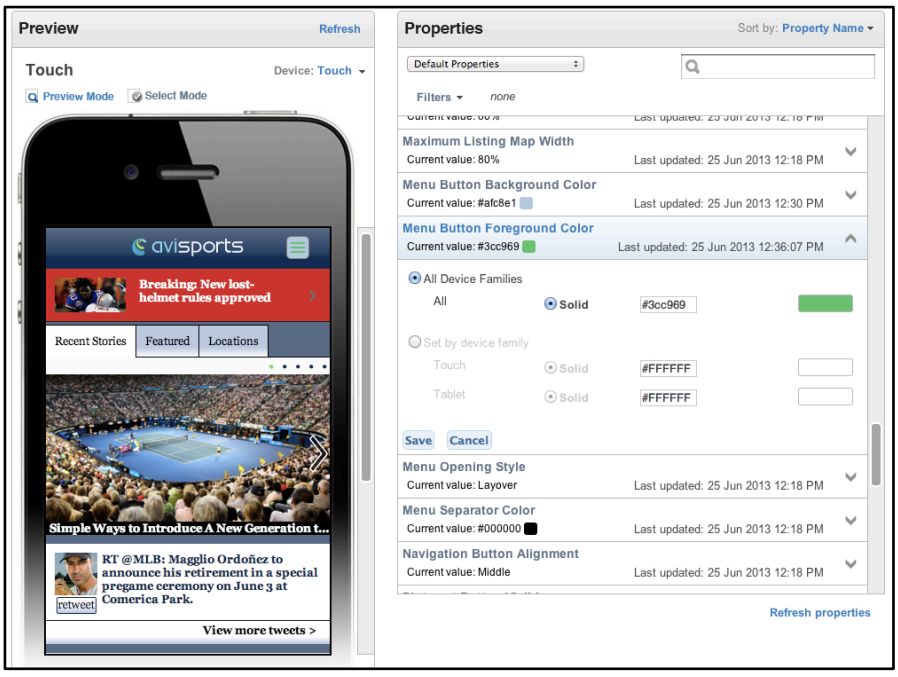

Figure78 Menu Button Foreground Color

- *Menu Opening Style*- This property determines the display style for the popup menu. The valid value is Layover or Push. This property is applicable to Touch Devices.

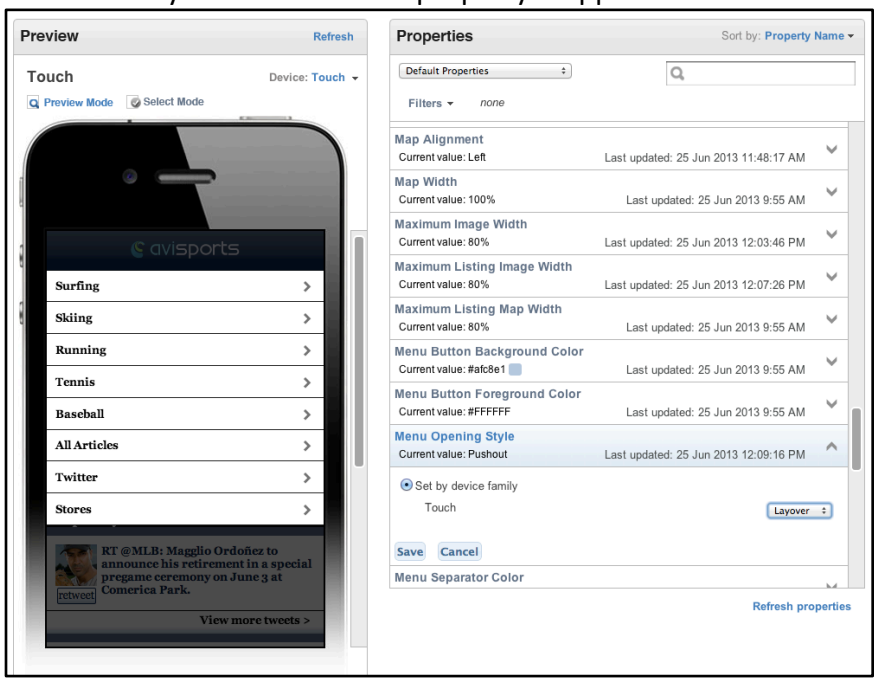

Figure 79 Menu Opening Style

- *Menu Separator Color* – This property allows you to set a color to the line that separates menu items in a horizontal display. This is applicable to Basic, Smartphone/BB and Tablet devices.

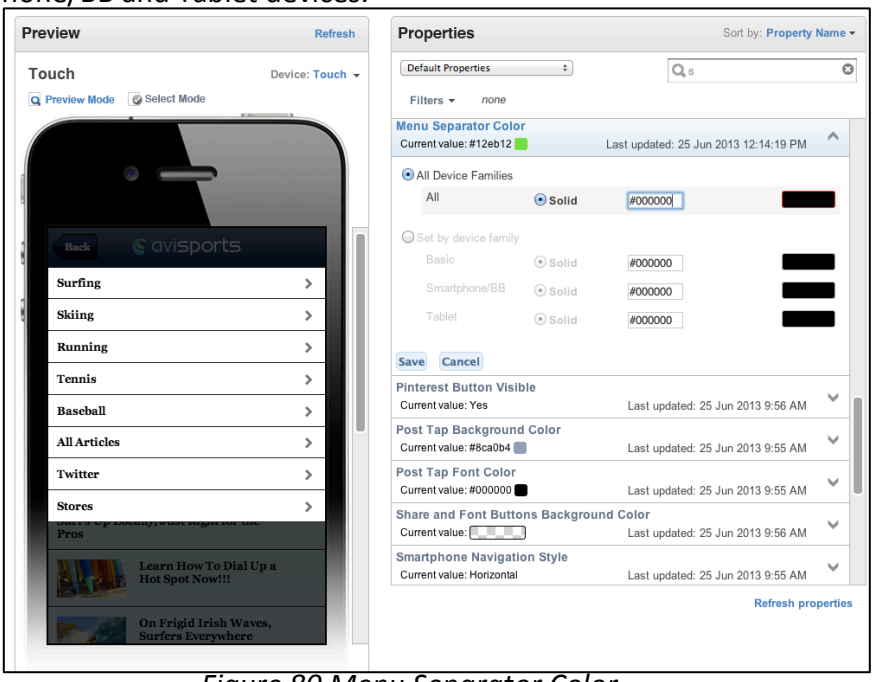

Figure 80 Menu Separator Color

- *Navigation Button Alignment*- This property determines the alignment of the navigation buttons. The Valid Values are Top, Middle, Bottom, Hidden. This property is applicable to Touch devices.

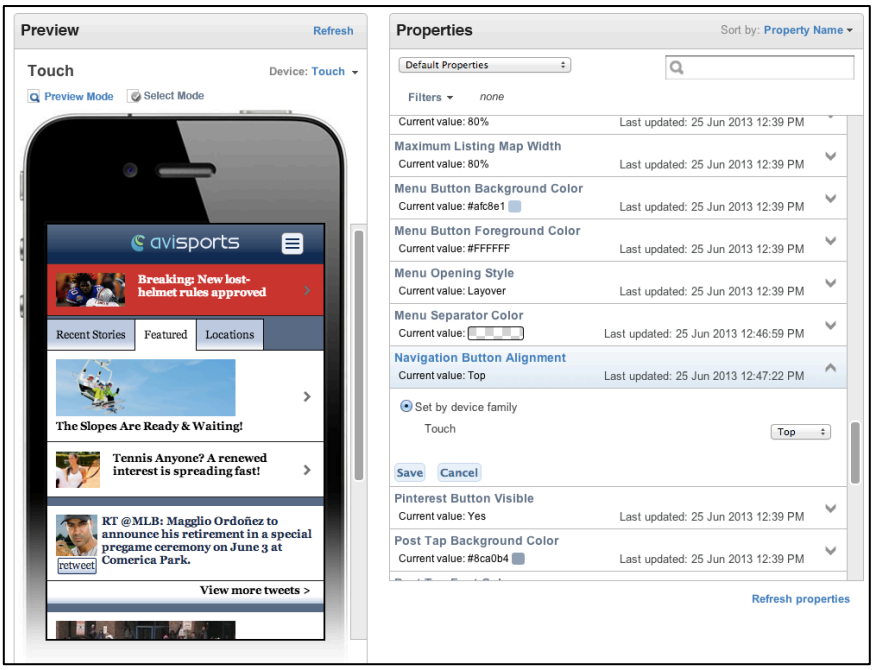

Figure 81 Navigation Button Alignment

- *Pinterest Button Visible* -- This property allows you to display the Pinterest social media icon. The valid value is Yes or No. This property is applicable to All Devices.

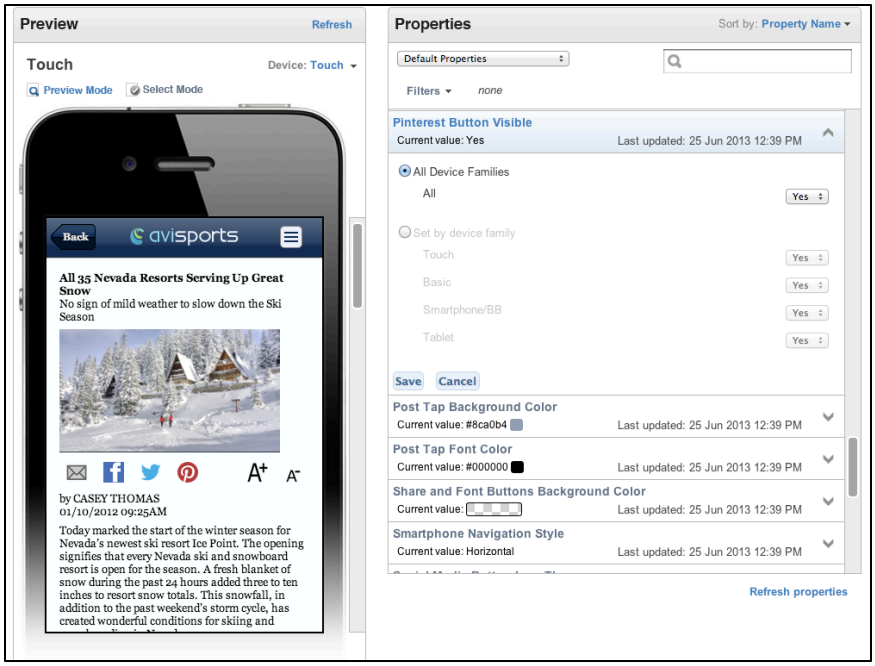

Figure 82 Pinterest Button Visible

- *Post Tap Background Color* – This property allows you to set the background color of a menu item or listing that occurs upon user selection. This property is applicable to Touch and Tablet devices.

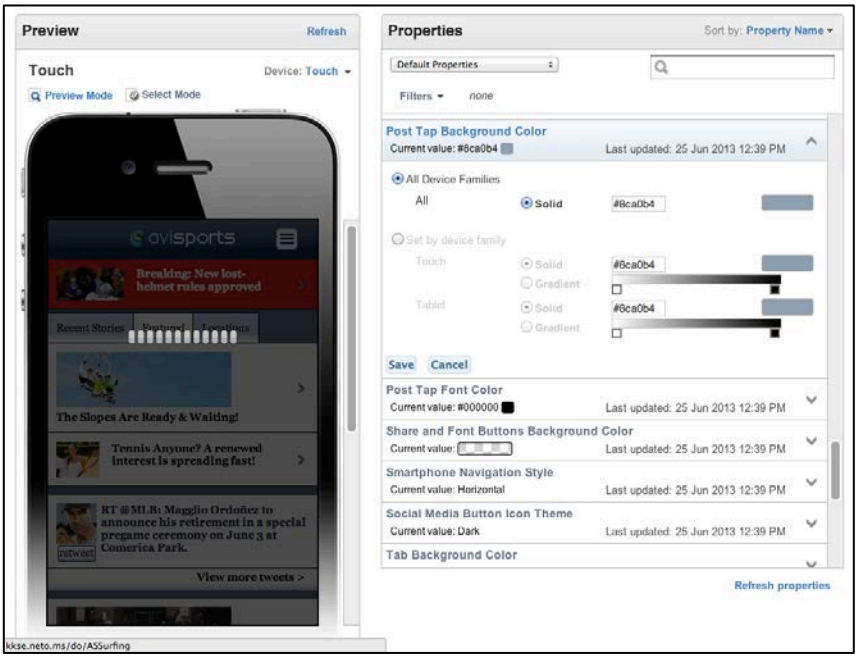

Figure 83 Post Tap Background Color

- *Post Tap Font Color*- This property determines the font color of a menu item or listing that occurs upon user selection. This property is applicable to Touch and Tablet devices.

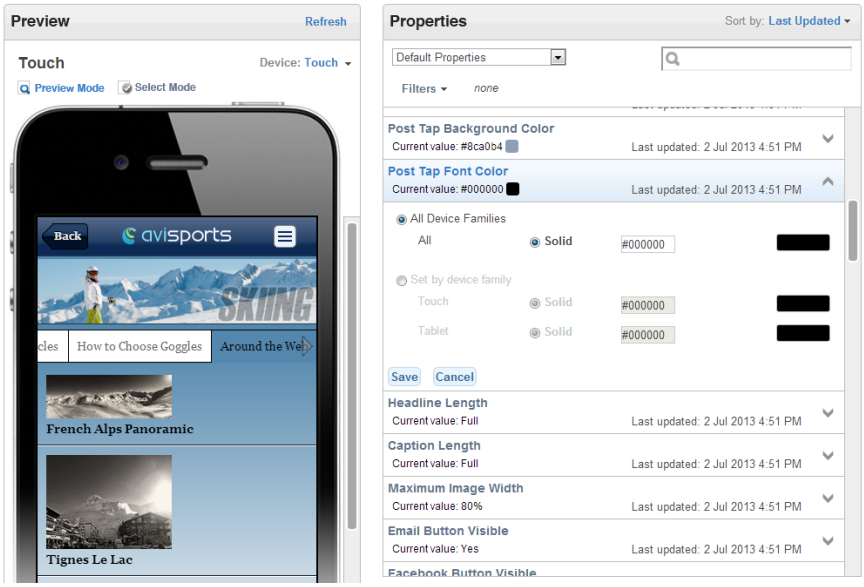

Figure 84 Post Tap Font Color

- *Share and Font Button Background Color*- This property allows you to set the background colors for the social media button icons using the color spectrum tool. This property is applicable to Touch and Tablet devices.

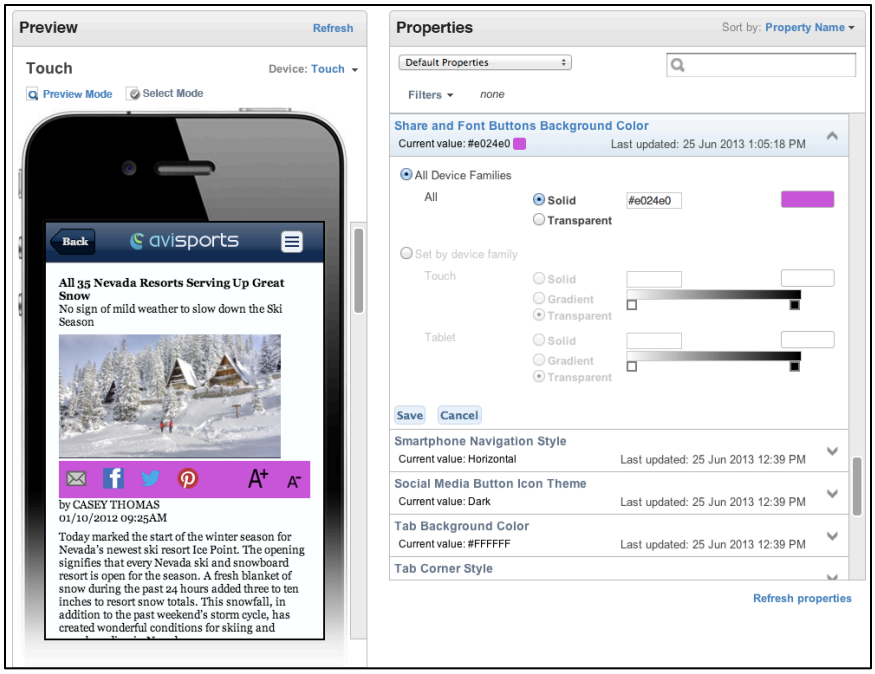

Figure 85 Share and Font Buttons Background Color

- *Smartphone Navigation Style* – This property allows you to change the navigation display for the Smartphone/BB device only. The Valid Values are Horizontal, Vertical and Dropdown.

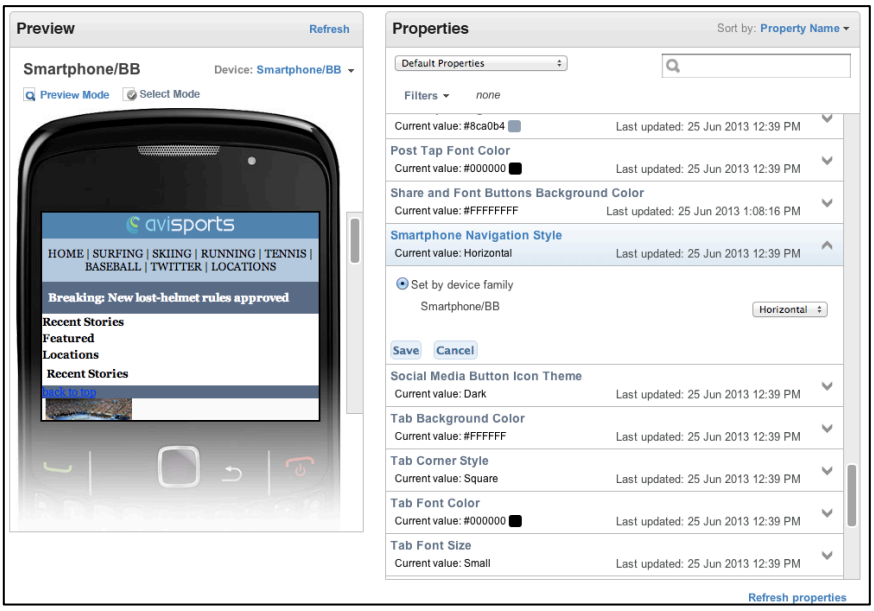

Figure 86 Smartphone Navigation Style

- *Social Media Button Icon Theme* – This property allows you to change the icon sets for the social media button icons. The value is light or dark. This property is available to all devices.

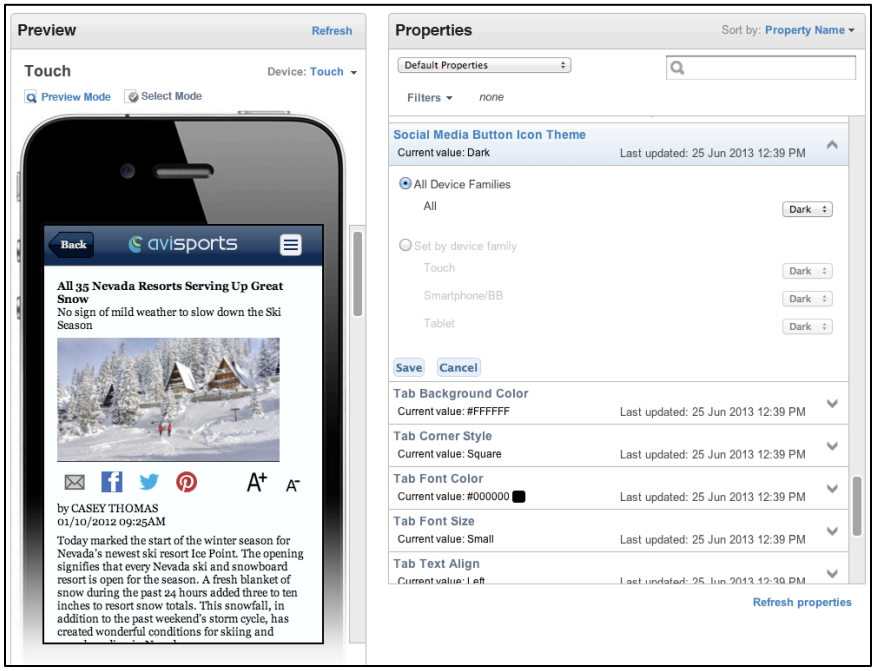

Figure 87 Social Media Button Icon Theme

- *Tab Background Color* – This property allows you to set the tab background color on a table Display Object using the color spectrum tool. This property is available to All Devices.

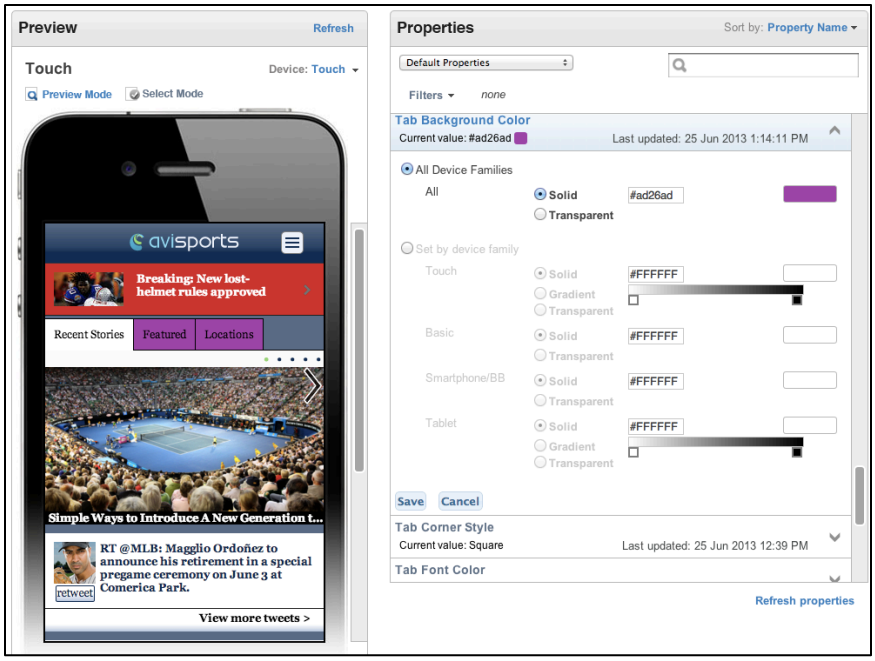

Figure 88 Tab Background Color

- *Tab Corner Style* – This property allows you to determine the corner styling for a tab. The valid value is All Rounded, Edges Rounded or Square. This property is applicable to Touch and Tablet devices.

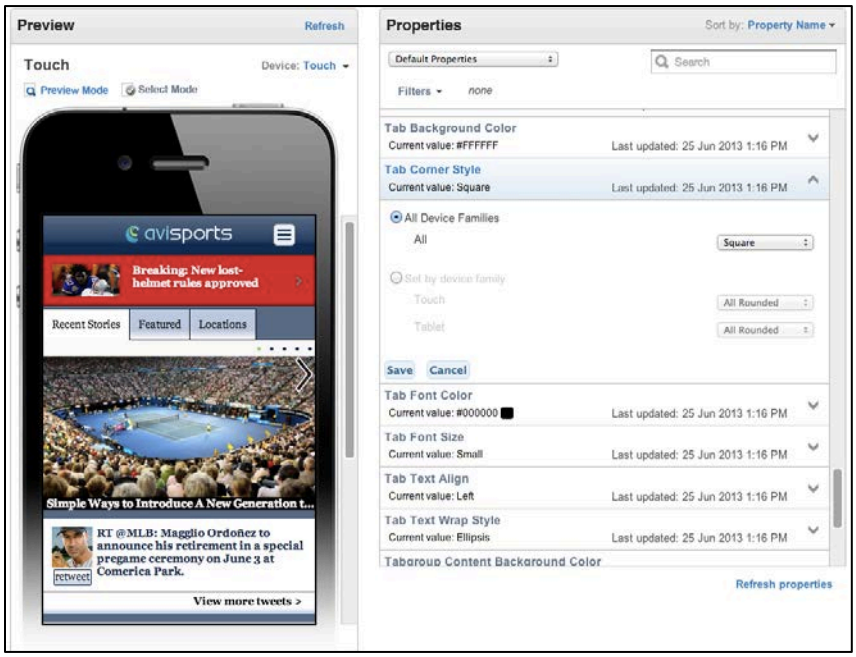

Figure89 Tab Corner Style

- *Tab Font Color* – This property allows you to determine the tab font color on a table Display Object using the color spectrum tool. This property is available for All Devices.

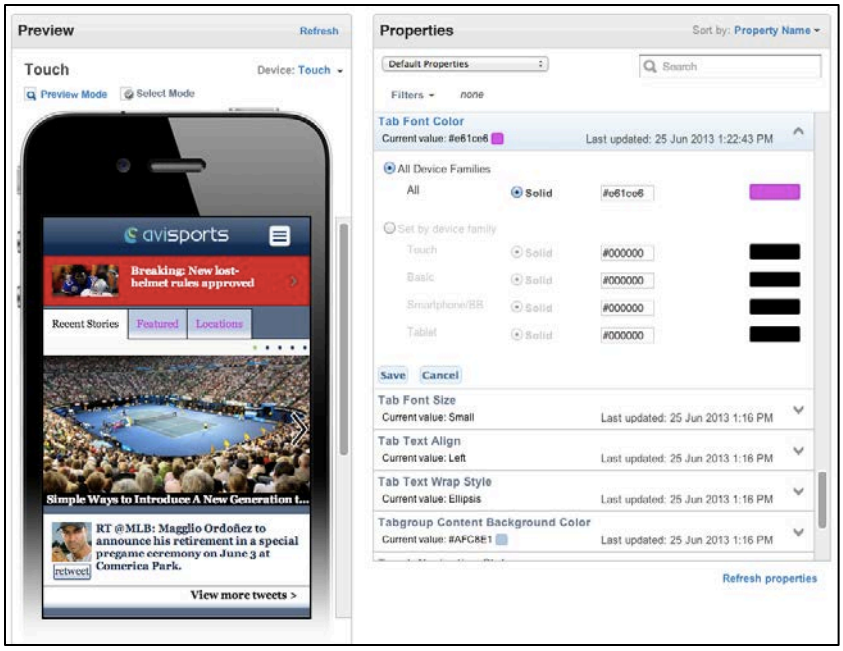

Figure 90 Tab Font Color

- *Tab Font Size* – This property allows you to determine the text font size for a tab. The valid value is Small, Medium or Large. This property is available for All Devices.

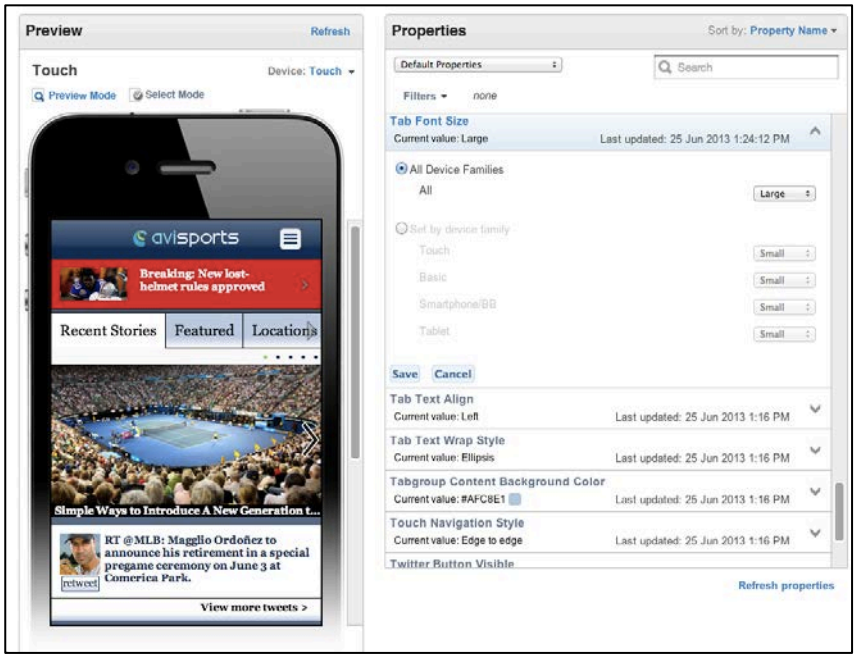

Figure91 Tab Font Size

- *Tab Text Align* – This property allows you to determine the text alignment for a tab. The valid value is Left, Right, and Center. This property is applicable to Touch and Tablet devices.

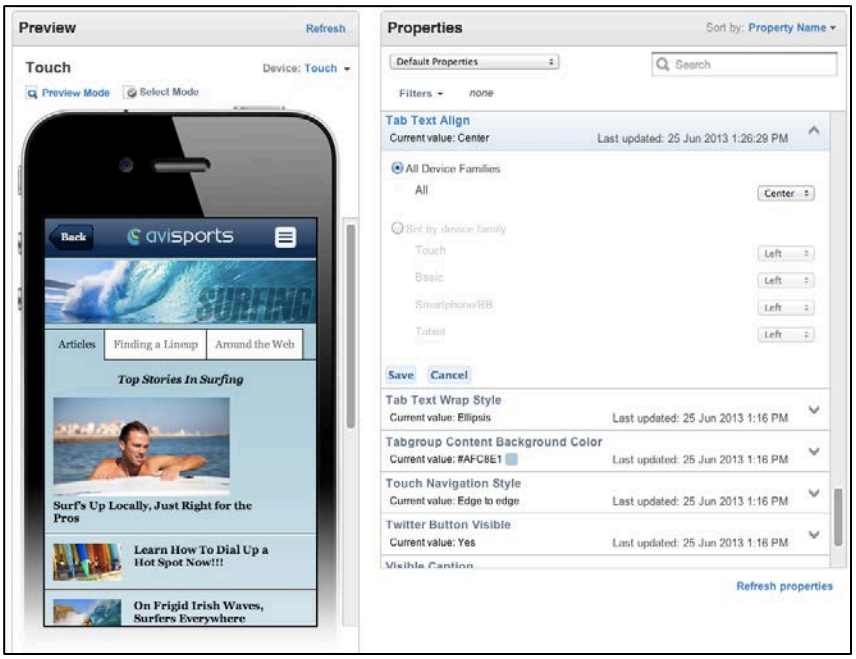

Figure 92 Tab Text Align

- *Tab Text Wrap Style* – This property allows you to determine the text wrap around style for a tab. The valid value is Ellipsis or Wrap Down. This property is applicable to Touch and Tablet devices.

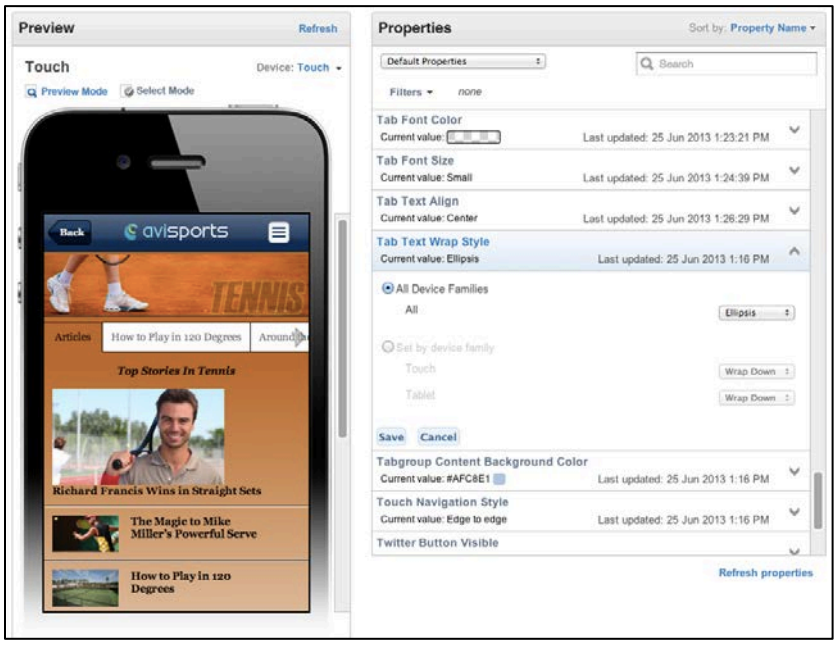

Figure 93 Tab Text Wrap Style

- *Tabgroup Content Background Color* – This property allows you to determine the background color of the tabgroup content. This property is applicable to All Devices.

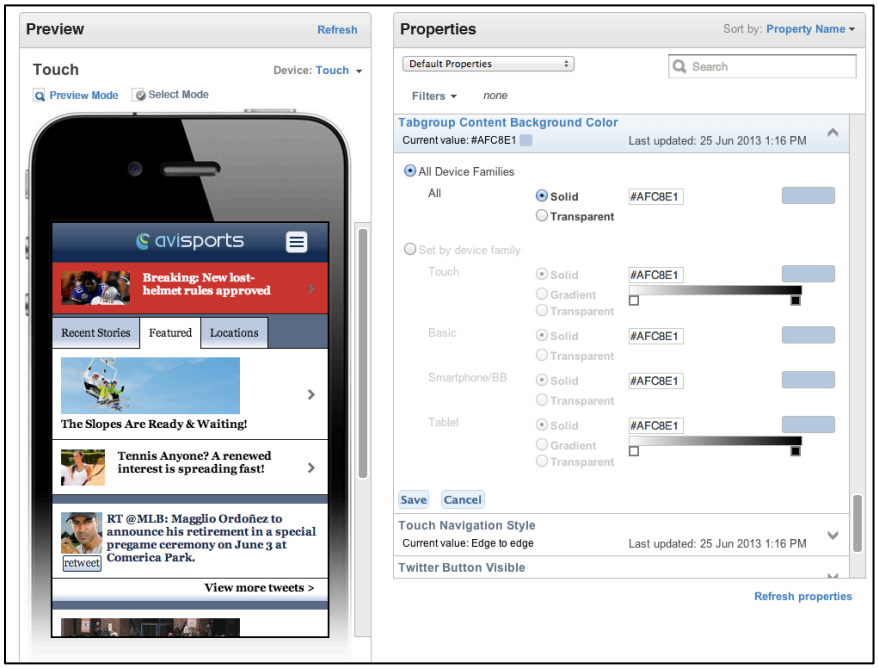

Figure 94 Tabgroup Content Background Color

- *Touch Navigation Style* – This property allows you to change the navigation display for the **Touch** device only. The Valid Values are Edge to Edge and Rounded.

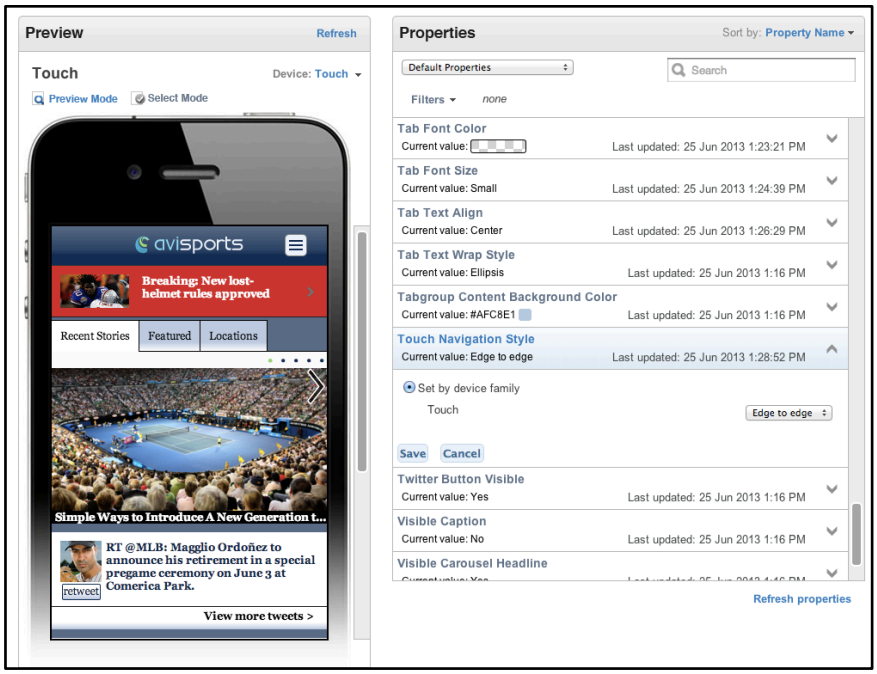

Figure 95 Touch Device Navigation Style

- *Twitter Button Visible* – This property allows you to display the Twitter social media icon. The valid value is Yes or No. This property is applicable to All Devices.

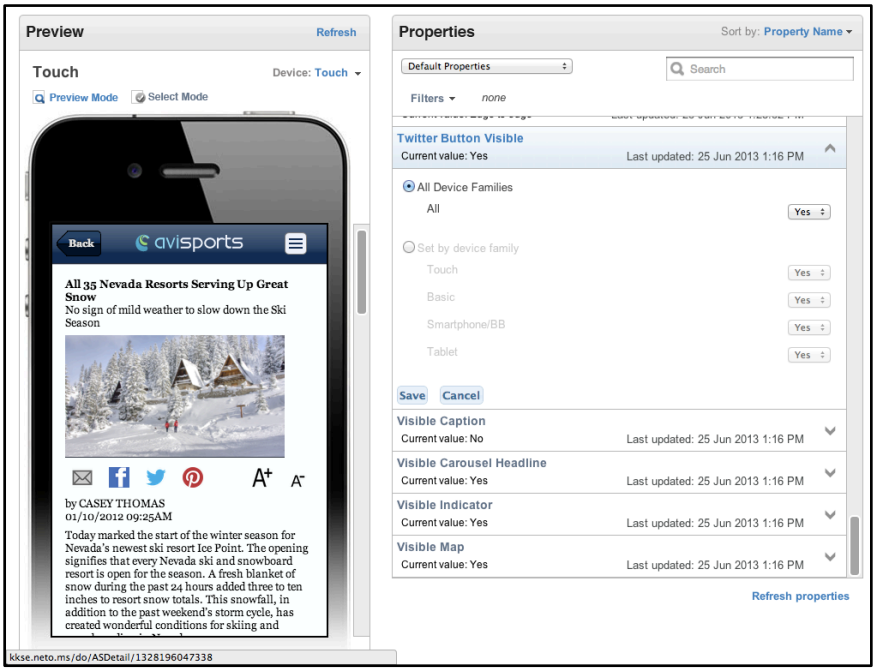

Figure 96 Twitter Button Visible

- *Visible Caption* – This property allows you to display captions for articles and images. The valid value is Yes or No. This property is applicable to All Devices.

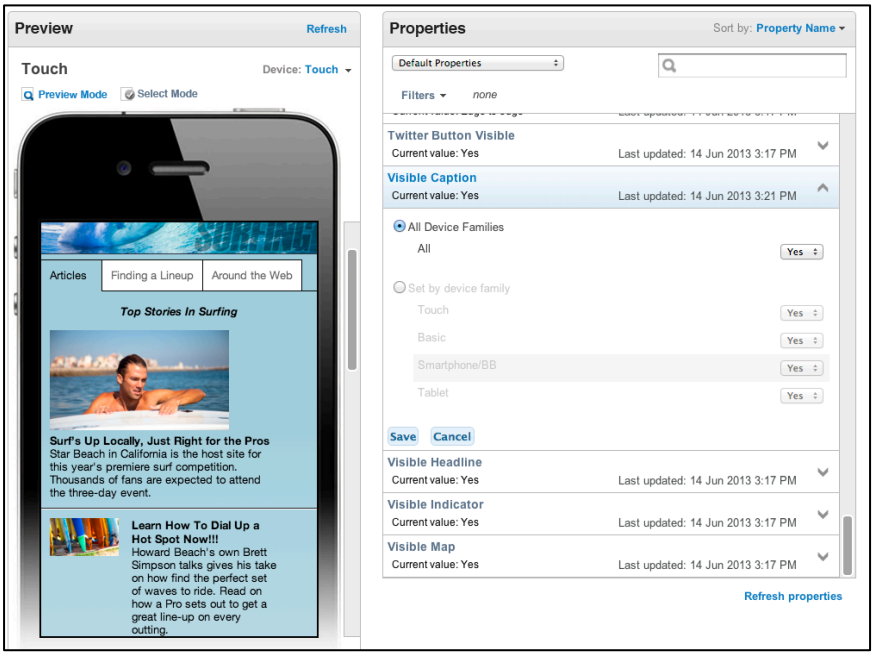

Figure 97 Visible Caption

- *Visible Carousel Headline*– This property allows you to display the carousel headline. The valid value is Yes or No. This property is applicable to All Devices.

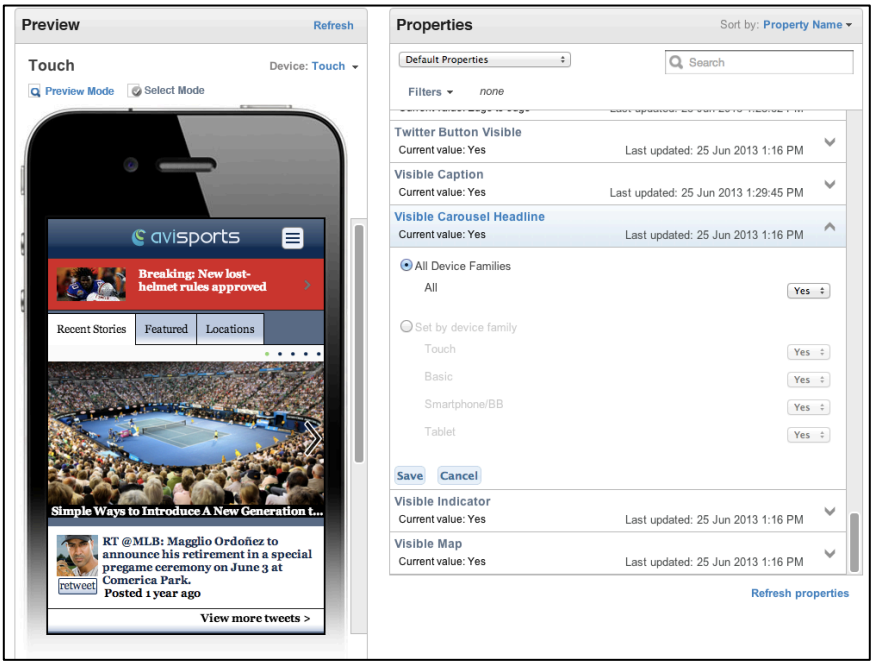

Figure 98 Visible Carousel Headline

- *Visible Indicator* - This property allows you determine whether the indicator is displayed. The valid value is Yes or No. This property is applicable to Touch devices.

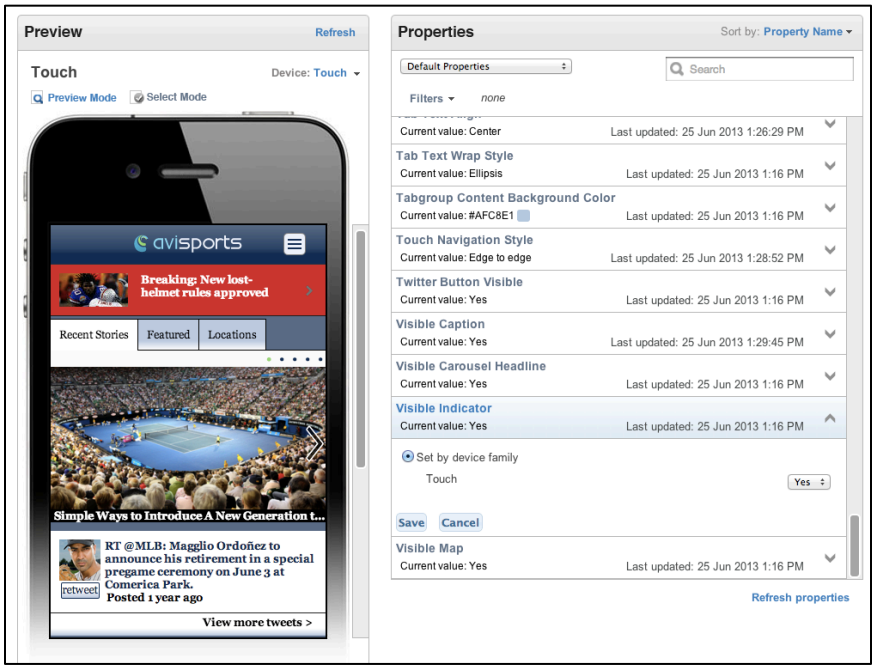

Figure 99 Visible Indicator

- *Visible Map* – Refers to the setting to make the map display or not on the StoreDetail Display Object. The valid value is Yes or No. This property is applicable to Touch, Basic and Smart/BB devices.

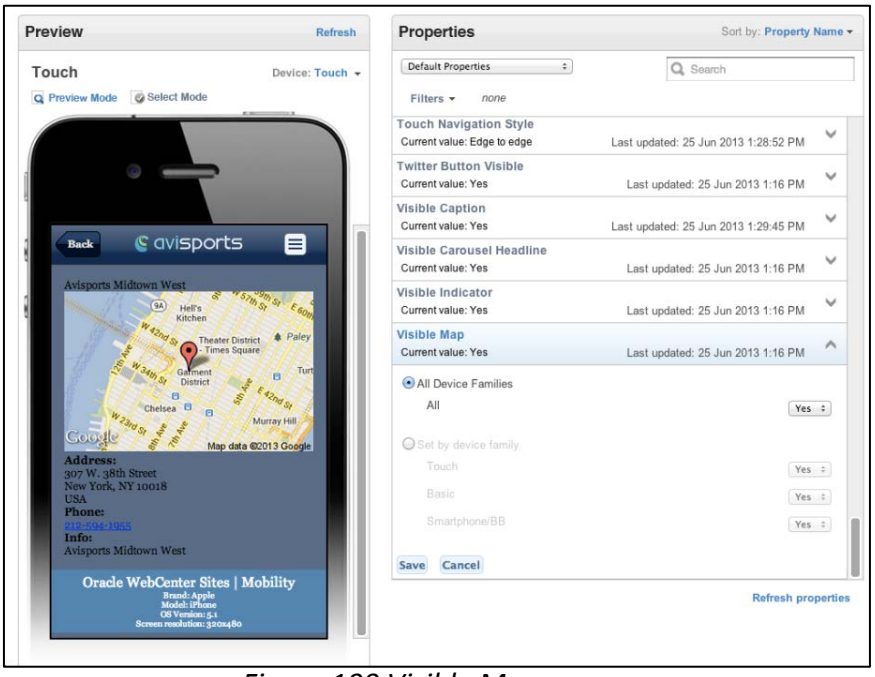

Figure 100 Visible Map

MAPPED DISPLAY OBJECTS

A mapped Display Object is an instantiation of one of a set of 16 generic Display Object types that have been defined in Mobility Server. Each of these Display Objects have a finite subset of default properties associated to them that get automatically loaded in MSAdmin once a Display Object is mapped. (Please Reference MS 11.1.1.8.0 Site Implementation Guide for further information on Display Objects and mapping instructions)

Table 1.0 Sample List of Instantiations

Name	Properties
Advertisement	Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Content Font Size, Font Color, Live Enabled, Visible Ads

AppCacheMonitor	Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Live Enabled
Carousel	Background Color, Carousel Headline Location, Margin Bottom, Margin Left, Margin Right, Margin Top, Text Align, Crop Images, Force Image Conversion Type, Headline Font Color, Headline Font Size, Indicator Font Size, Indicator Off Color, Indicator On Color, Live Enabled, Navigation Button Alignment, Carousel Headline, Visible Indicator
Collapsible	Active Collapsible Header Background Color, Active Collapsible Header Font Color, Collapsible Animation, Collapsible Border Color, Collapsible Content Background Color, Collapsible Header Background Color, Collapsible Header Font Color, Collapsible Header Font Size, Collapsible Header Text Align, Collapsible Header Text Align, Collapsible Header Text Wrap Style, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Live Enabled
Detail	Background Color, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Content Font Size, Detail Image Alignment, Email Button Visible, Facebook Button Visible, Font Color, Font-Size Control Position, Force Image Conversion Type, Headline Font Color, Headline Font Size, Detail Image Alignment, Email Button Visible, Facebook Button Visible, Font Color, Font-Size Control Position, Image Conversion Type, Headline Font Color, Headline Font Size, Image Popups Allowed, Image Popups Icon Visibility, Live Enabled, Maximum Image Width, Pinterest Button Visible, Prince Font Color, Prince Font Size, Share And Font Buttons Background Color, Social Media Button Icon Theme, Twitter Button Visible
DropdownMenu Group	Background Color, Navigation Style, Margin Bottom, Margin Left, Margin Right, Margin Top, Text Align, Font Size, Font Color, Background Color, Live Enabled, Separator Color, Post Tap Background Color, Post Tap Font Color, Smartphone Navigation Style, Touch Navigation Style
GeoDetail	Background Color, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Content Font Size, Font Color, Headline Font Color, Headline Font Size, Live Enabled, Map Alignment, Map Width, Visible Map
Index	Background Color, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Content Font Size, Font Color, Live Enabled, Maximum Image Width
ListFilter	Caption Font Color, Caption Font Size, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Headline Font Color, Headline Font Size, Live Enabled, Post Tap Background Color, Post Tap Font Color, Visible Caption

Listing	Caption Font Color, Caption Font Size, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Headline Font Color, Headline Font Size, Live Enabled, Post Tap Background Color, Post Tap Font Color, Visible Caption
Menu	Background Color, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Content Font Size, Font Color, Live Enabled, Maximum Image Width
ProductDetail	Background Color, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Content Font Size, Detail Image Alignment, Email Button Visible, Facebook Button Visible, Font Color, Font-Size Control Position, Force Image Conversion Type, Headline Font Color, Image Popups Allowed, Image Popups Icon Visibility, Live Enabled, Maximum Image Width, Pinterest Button Visible, Price Font Color, Price Font Size, Share and Font Buttons Background Color, Social Media Button Icon Theme
ProductList	Background Color, Caption Font Color, Caption Font Size, Caption Length, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Container Text Align, Featured Item Image Location, Featured Item Maximum Image Width, Force Image Conversion Type, GridList Text Position, Headline Font Color, Headline Font Size, Headline Length, List Item Background Color, Listing Image Location, Live Enabled, Maximum Listing Image Width, Post Tap Background Color, Post Tap Font Color, Touch Navigation Style, Visible Caption
SimpleTable	Caption Font Color, Caption Font Size, Headline Font Color, Headline Font Size, Post Tap Background Color, Post Tap Font Color, Visible Caption
TabGroup	Active Tab Background Color, Active Tab Font Color, Container Margin Bottom, Container Margin Left, Container Margin Right, Container Margin Top, Live Enabled, Tab Background Color, Tab Corner Style, Tab Font Color, Tab Font Size, Tab Text Align, Tab Text Wrap Style, Tabgroup Content Background Color

MAPPED DISPLAY OBJECTS AND PROPERTIES

Once a Display Object has been mapped, it will appear in the Properties drop down list box of the MSAdmin interface under the **Mapped Display Objects** section. All of the corresponding properties will be displayed on the right upon selection of the Display Object. The example below shows the instantiation of the ProductDetail Display Object, along with all of its properties on the right.

Example 1: ProductDetail (mapped Display Object in the Properties drop down list)

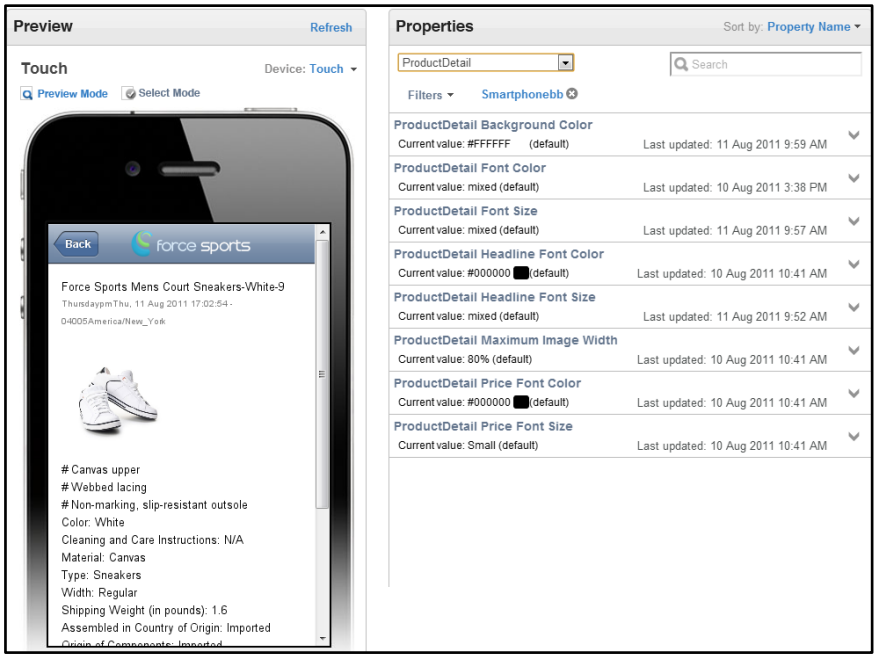

Figure 101 Example ProductDetail

Example 2: StoreList (mapped Display Object in the Properties drop down list)

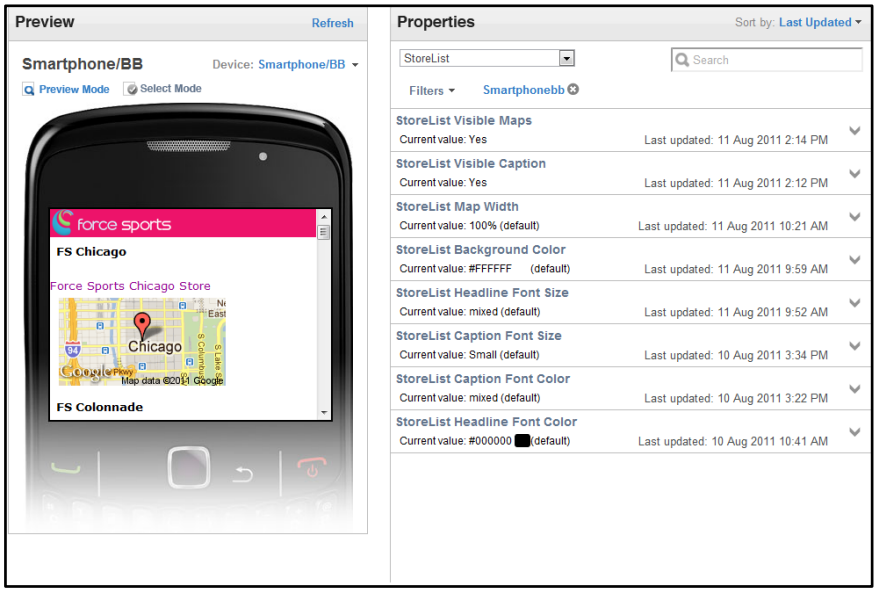

Figure102 Example StoreList Display Object