

Changing the Navbar colour tint and Tab bar colour tint for iOS BT 2.0 apps.

The BT iOS core 3.0 will be released soon and it will handle the changing the navbar background colour, tint colour of icons, etc. But till then we can do so in the BT core 2.0 as well with few changes in the BT_viewUtilities.m file.

Changing the color of tint of the navbar icons, navbar background and tab bar icons, tab bar background is relatively easy. Just follow the steps below and you can have the desired colour for your navbar and tab bar.

STEPS TO CHANGE THE NAVBAR BACKGROUND, ICON TINT AND TEXT COLOR-

1. Open the NT_viewUtilities.m file. You can find this file in the BT_Layout folder of your project.
2. To change the navbar style go to line 277 which will look like below screenshot:

```
276 //set the nav bar style
277 if([[BT_strings getStyleValueForScreen:theScreenData nameOfProperty:@"navBarStyle" defaultValue:@""]
278    isEqualToString:@"transparent"]){
279     [theViewController.navigationController.navigationBar setTranslucent:TRUE];
280 }else{
281     [theViewController.navigationController.navigationBar setTranslucent:FALSE];
282 }
```

Now just below this line put the following code to turn the navbar background colour to black-

```
theViewController.navigationController.navigationBar.barTintColor =
[UIColor blackColor];
```

3. To change the tint colour of the navbar icons to white put the following line of code just below the code in step 2 (below the background colour code).

```
theViewController.navigationController.navigationBar.tintColor = [UIColor
whiteColor];
```

4. Now to change the font colour to white put the following line of code

just below the code in step 3 (below the tint colour of icon code).

```
[theViewController.navigationController.navigationBar  
setTitleTextAttributes:@{NSForegroundColorAttributeName : [UIColor  
whiteColor]};
```

5. Now following the steps mentioned in step 2-4 your code in aggregate should look like the screenshot below:

```
276 //set the nav bar style  
277 if([[BT_strings getStyleValueForScreen:theScreenData nameOfProperty:@"navBarStyle" defaultValue:@""]  
278 isEqualToString:@"transparent"]){  
279     [theViewController.navigationController.navigationBar setTranslucent:TRUE];  
280 }else{  
281     [theViewController.navigationController.navigationBar setTranslucent:FALSE];  
282  
283     //sandy added following for changing the navbar attributes color to desired color  
284     theViewController.navigationController.navigationBar.barTintColor = [UIColor blackColor];  
285     theViewController.navigationController.navigationBar.tintColor = [UIColor whiteColor];  
286     [theViewController.navigationController.navigationBar setTitleTextAttributes:  
287         @{@"NSForegroundColorAttributeName : [UIColor whiteColor]};  
288     }  
289     //sandy end
```

You have now successfully set up the changes to the nag bar relating to the background colour, tint colour of icon and the text colour.

STEPS TO CHANGE THE NAVBAR BACKGROUND, ICON TINT AND TEXT COLOR-

1. To make changes in the tab bar relating to the background colour, icon tint and the text colour below the icon we need to check the line no. 417 or somewhere near that which looks like the screenshot below (the lines might have shifted because we have added the code for navbar as well):

```
401 //update the global background. Logic depends on whether the app has tabs or not  
402 if([appDelegate.rootApp.tabs count] < 1){  
403     UINavigationController *theNavController = [appDelegate.rootApp rootNavController];  
404  
405     //update the global background?  
406     for(UIView *view in theNavController.view.subviews){  
407         if(view.tag == 1968){  
408             for(UIView *subView in view.subviews){  
409                 BT_background_view *globalBackground = (BT_background_view *)subView;  
410                 [globalBackground updateProperties:theScreenData];  
411             }  
412         }  
413     }  
414 }else{  
415  
416     //update the global background?  
417     UITabBarController *theTabController = [appDelegate.rootApp rootTabBarController];  
418  
419 }
```

2. To change the tab bar background colour to black add this code below the line 418 (as seen in the above screen shot)-

```
[[UITabBar appearance] setBarTintColor:[UIColor blackColor]]];
```

3. To change the icon tint colour to white put the following code below the above line-

```
[[UITabBar appearance] setTintColor:[UIColor whiteColor]]];
```

4. To change the text color below icon in tabbed layout to white put following code below the above line-

```
[[UITabBarItem appearance] setTitleTextAttributes:[NSDictionary  
dictionaryWithObjectsAndKeys:[UIColor blackColor],  
UITextAttributeTextColor, nil]  
forState:UIControlStateNormal];
```

5. Now following the steps mentioned in step 2-4 your code in aggregate should look like the screenshot below:

```
416 //update the global background?  
417 UITabBarController *theTabController = [appDelegate.rootApp rootTabBarController];  
418  
419  
420 //sandy added following for changing the tab bar attributes  
421 [[UITabBar appearance] setTintColor:[UIColor whiteColor]]];  
422 [[UITabBar appearance] setBarTintColor:[UIColor blackColor]]];  
423 [[UITabBarItem appearance] setTitleTextAttributes:[NSDictionary dictionaryWithObjectsAndKeys:  
424     [UIColor whiteColor], UITextAttributeTextColor, nil  
425     forState:UIControlStateNormal];  
426  
427 //sandy end
```

Thats it now you have successfully changed the tab bar attributes. Remember in the above example i have used black colour as background colour, white colour for icon tint and text. You can change those colours to the desired colour by changing the attributes in UIColor.

Sat 9th Nov 2013

By Sandeep Kurne.