Connected Digital Propositions: DLS UIKit Integration

**DLS UIKit Integration**

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# **Introduction**

UIKit provides DLS implementation for Philips visual designs. This documents provides guidelines for integrating UIKit lib in proposition apps.

Source code is hosted at [TFS](http://tfsemea1.ta.philips.com:8080/tfs/TPC_Region24/CDP2/_git/uid-android).

# **Dependencies**

UIKit can be integrated via artifactory dependency management, having advantage for automatic resolution of lib dependency modules.

## Add artifactory in repository list in source root build.gradle

|  |
| --- |
| repositories {  ...........  maven { url 'http://maartensmini.ddns.htc.nl.philips.com:8081/artifactory/jcenter' }  .........  } |

## Add uikit dependency in project build.gradle

|  |
| --- |
| compile 'com.philips.platform.uid:uikitdls:x.x.x' |

# **Theme Setup**

Inputs for selecting theme.

1. **ColorRange** definition: public enum ColorRange {Group\_BLUE, BLUE, AQUA, GREEN, ORANGE, PINK, PURPLE, GRAY}
2. **TonalRange** definition: public enum ContentColor {ULTRA\_LIGHT, VERY\_LIGHT, LIGHT, BRIGHT, VERY\_DARK }
3. **NavigationColor** definition: public enum NavigationColor {ULTRA\_LIGHT, VERY\_LIGHT, LIGHT, BRIGHT, VERY\_DARK }

Using the above parameters we can create theme.

## Set Theme in Application/Activity in Android Manifest to

|  |
| --- |
| **android:theme="@style/Theme.Philips"** |

## Inject new Theme Configuration in Activity, onCreate() of Activity

|  |
| --- |
| @Overrideprotected void onCreate(Bundle savedInstanceState) {  ***UITHelper.init(new ThemeConfiguration(ColorRange.GROUP\_BLUE, TonalRange.ULTRA\_LIGHT, this));***super.onCreate(savedInstanceState);  //Your code goes here  } |

## Inject Fonts in Application class

|  |
| --- |
| @Override protected void attachBaseContext(final Context newBase) {  super.attachBaseContext(CalligraphyContextWrapper.wrap(newBase)); } |

Appendix

List of available components with UIKit.

|  |  |
| --- | --- |
| **Control** | **Class** |
| Button | com.philips.platform.uid.view.widget.Button |
| EditText | com.philips.platform.uid.view.widget.EditText |
| Switch | com.philips.platform.uid.view.widget.Switch |
| CheckBox | com.philips.platform.uid.view.widget.CheckBox |
| ProgressBar | com.philips.platform.uid.view.widget.ProgressBar |
| IndeterminateProgressBar | com.philips.platform.uid.view.widget.IndeterminateProgressBar |
| Label | com.philips.platform.uid.view.widget.Label |