# UIKit lib basic Integration

To support backward compatibility of different UI components, UIKitLIb uses appcompat lib. So the base activity always extends from AppCompatActivity.

## Steps to integrate:

### Choose theme: Lib support two variants of themes (Solid and gradient version).

Various themes can be accessed with Theme.Philips.\* and Theme.Philips.\*.Gradient

Example: Blue theme Solid-> **Theme.Philips.DarkBlue**

Gradient-> **Theme.Philips.DarkBlue.Gradient**

### Extend from UIKitActivity-> UIKitActivity provides some common customizations to achieve some goals like having common fonts across all activities.

Example: **public class** MyActivity **extends** UiKitActivity {}

### Using custom fonts:

UIKit uses open source lib [Calligraphy](https://github.com/chrisjenx/Calligraphy) for font customization.

Define fontpath=”fonts/myfont.ttf” in xml for text view to use custom font.

### VectorDrawable Support: Custom <vector> tag is recognized only on or after Lollipop.

But still it can be used via programmatically.

Example: -> Drawable d =

com.philips.cdp.uikit.drawable.VectorDrawable.create(context, R.drawable.xyz);

imageView.setImageDrawable(d);