



Powerful Enums



Let's check this new PR



**NEW PR
FROM
BRUTUS**

Good, Brutus created
an enum to represent
the button status
type.

```
enum class ButtonStatusType {  
    PLAY,  
    RECORD,  
    STOP  
}
```

Where is he
using this enum?

Brutus is using the enum to customize a Composable button.

```
Button(  
    modifier = modifier,  
    onClick = onClick,  
    enabled = enabled,  
) { this: RowScope  
  
    val (iconRes, contentDescription) = when(buttonStatus) {  
        ButtonStatusType.PLAY → {  
            Pair(R.drawable.ic_play, "Play")  
        }  
        ButtonStatusType.STOP → {  
            Pair(R.drawable.ic_stop, "Stop")  
        }  
        ButtonStatusType.RECORD → {  
            Pair(R.drawable.ic_mic, "Record")  
        }  
    }  
  
    Icon(  
        painter = painterResource(id = iconRes),  
        modifier = Modifier.size(56.dp),  
        contentDescription = contentDescription,  
        tint = if (enabled) Color.White else Color.Gray  
    )  
}
```

I think he can improve
this code using powerful
enums...



Adding properties to the
enum...

```
enum class ButtonStatusType(  
    @DrawableRes val iconRes: Int,  
    val contentDescription: String  
) {  
    PLAY(android.R.drawable.ic_media_play, contentDescription: "Play"),  
    RECORD(R.drawable.ic_mic, contentDescription: "Record"),  
    STOP(R.drawable.ic_stop, contentDescription: "Stop")  
}
```

No need to check the
type anymore to
customize the button

```
@Composable
fun MediaButton(
    modifier: Modifier = Modifier,
    buttonStatus: ButtonStatusType,
    enabled: Boolean,
    onClick: (() → Unit),
) {
    Button(
        modifier = modifier,
        onClick = onClick,
        enabled = enabled,
    ) { this: RowScope
        Icon(
            painter = painterResource(id = buttonStatus.iconRes),
            modifier = Modifier.size(56.dp),
            contentDescription = buttonStatus.contentDescription,
            tint = if(enabled) Color.White else Color.Gray
        )
    }
}
```



I'm Popeye the Sailor Man

