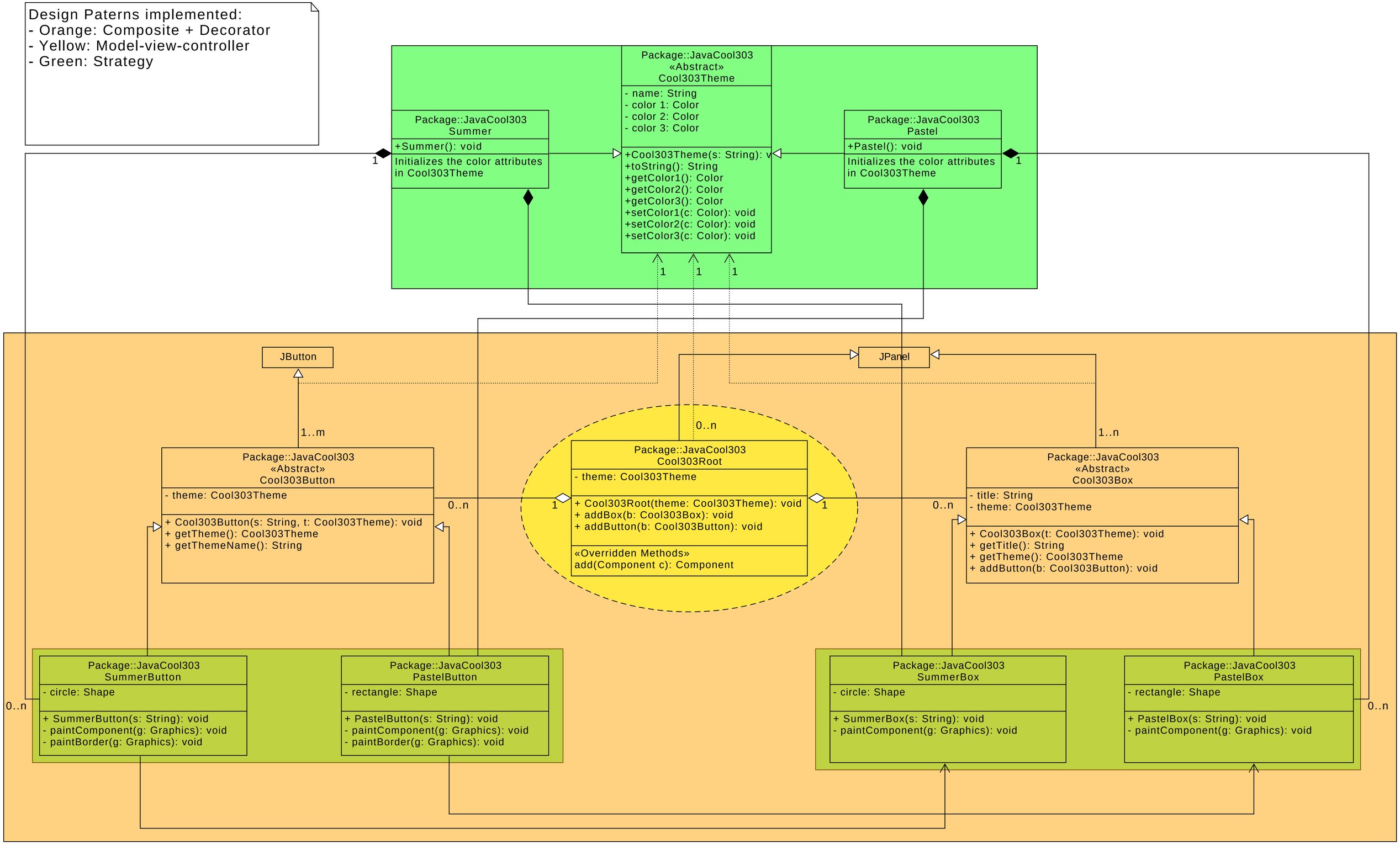
Design Paterns implemented:
- Orange: Composite + Decorator
- Yellow: Model-view-controller
- Green: Strategy
Package::JavaCool303
«Abstract»
Cool303Theme
- name: String
- color 1: Color
- color 2: Color
- color 3: Color
+Cool303Theme(s: String): v
+toString(): String
+getColor1(): Color
+getColor2(): Color
+getColor3(): Color
+setColor1(c: Color): void
+setColor2(c: Color): void
+setColor3(c: Color): void
Package::JavaCool303
Summer
+Summer(): void
Initializes the color attributes in Cool303Theme
Package::JavaCool303
Pastel
+Pastel(): void
Initializes the color attributes in Cool303Theme
1
1
1
1
1
JButton
JPanel
1..m
0..n
1..n
Package::JavaCool303
«Abstract»
Cool303Button
- theme: Cool303Theme
+ Cool303Button(s: String, t: Cool303Theme): void
+ getTheme(): Cool303Theme
+ getThemeName(): String
Package::JavaCool303
Cool303Root
- theme: Cool303Theme
+ Cool303Root(theme: Cool303Theme): void
+ addBox(b: Cool303Box): void
+ addButton(b: Cool303Button): void
«Overridden Methods»
add(Component c): Component
Package::JavaCool303
«Abstract»
Cool303Box
- title: String
- theme: Cool303Theme
+ Cool303Box(t: Cool303Theme): void
+ getTitle(): String
+ getTheme(): Cool303Theme
+ addButton(b: Cool303Button): void
0..n
1
1
0..n
Package::JavaCool303
SummerButton
- circle: Shape
+ SummerButton(s: String): void
- paintComponent(g: Graphics): void
- paintBorder(g: Graphics): void
Package::JavaCool303
PastelButton
- rectangle: Shape
+ PastelButton(s: String): void
- paintComponent(g: Graphics): void
- paintBorder(g: Graphics): void
Package::JavaCool303
SummerBox
- circle: Shape
+ SummerBox(s: String): void
- paintComponent(g: Graphics): void
Package::JavaCool303
PastelBox
- rectangle: Shape
+ PastelBox(s: String): void
- paintComponent(g: Graphics): void
0..n
0..n