

Panes

We can't have widgets just floating around in space
They must be contained within something

In JavaFX this kind of container is called a "Pane"
JavaFX provides various kinds of Pane:

AnchorPane, BorderPane, FlowPane, GridPane
HBox, VBox, StackPane, TextFlow, TilePane

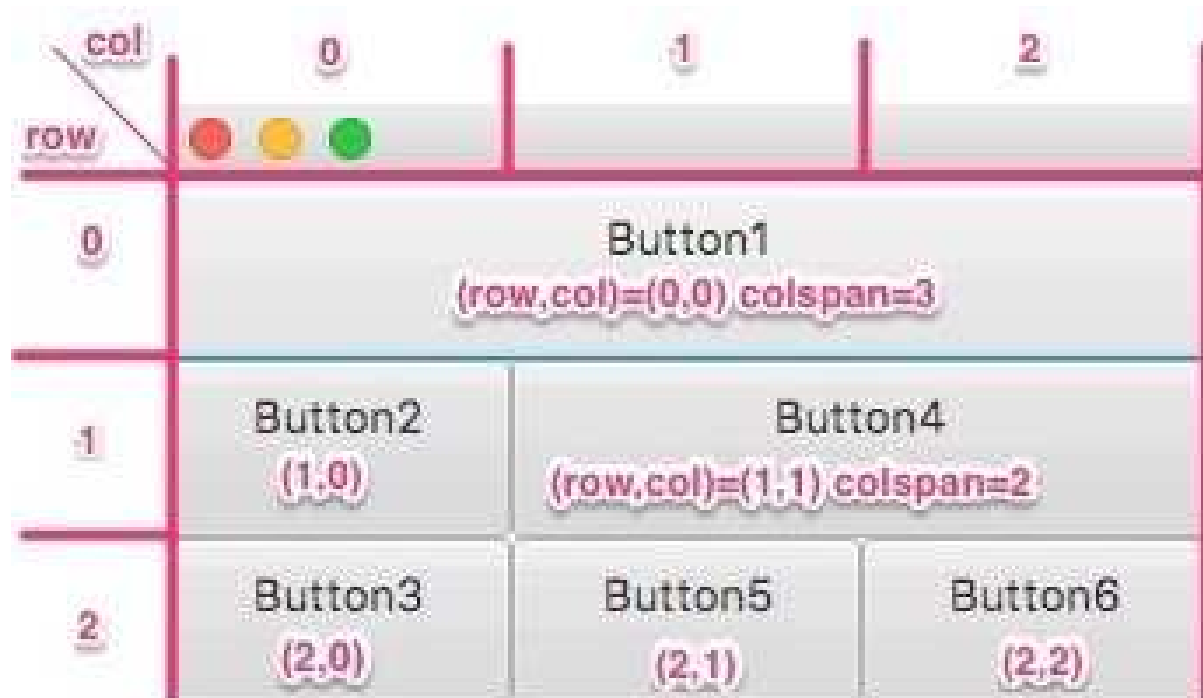
Each has different properties and characteristics

GridPane

GridPane is probably the most commonly used

A good combination of simplicity and flexibility

You specify row/col and span, it does the rest...



Layout Spacing

GridPane will pack everything in as tightly as it can
Unless we specify horizontal & vertical spacings:

```
pane.setHgap(10);  
pane.setVgap(10);
```

We can also specify extra space around the edges:

```
pane.setPadding(new Insets(10,10,10,10));
```

PaddingAndSpacingJFX

Controls: UP/DOWN LEFT/RIGHT +/-