

Notes to self

- . Exploring positioners :
 - . Grid
 - . Row
 - . Column
- . Show Grid with 3 columns
 - . Change columns to 4 and 5 and discuss
- . Change to use Row
 - . expand the window to see all 9 colored rects
- . Change to use Column :
 - . Comment out the centering of containerRectId so you can see all the 9 colored rectangles
- . Turn back to Grid :
 - . Show spacing :
 - . spacing: 10
 - . rowSpacing and columnSpacing
 - . Note that spacing:10 is equivalent to both setting {rowSpacing:10 and columnSpacing:10
 - . Show alignment : Align topLeftRectId because it has a small size. The alignment will be visible:
 - . To make this fun, we add a LearnQt image into topLeftRectId just to remind students how to work with Images.
 - . horizontalItemAlignment: Grid.AlignRight
 - . verticalItemAlignment: Grid.AlignVCenter
- . Show mirroring :
 - . LayoutMirroring.enabled: true
 - . LayoutMirroring.childrenInherit: true

Positioning : Row



Row

```
import QtQuick 2.0

Row {
    spacing: 2
    Rectangle { color: "red"; width: 50; height: 50 }
    Rectangle { color: "green"; width: 20; height: 50 }
    Rectangle { color: "blue"; width: 50; height: 20 }
}
```

Column

```
Column {  
    spacing: 2  
  
    Rectangle { color: "red"; width: 50; height: 50 }  
    Rectangle { color: "green"; width: 20; height: 50 }  
    Rectangle { color: "blue"; width: 50; height: 20 }  
}
```

Grid

```
import QtQuick 2.0

Grid {
    columns: 3
    spacing: 2
    Rectangle { color: "red"; width: 50; height: 50 }
    Rectangle { color: "green"; width: 20; height: 50 }
    Rectangle { color: "blue"; width: 50; height: 20 }
    Rectangle { color: "cyan"; width: 50; height: 50 }
    Rectangle { color: "magenta"; width: 10; height: 10 }
}
```