

ecat@etpc:~/Documents/curs2019-2020/dam/qml/doc/cadaques/ch04-qmlstart-assets/ch04-qmlstart/src/anchors\$ **qmlscene AnchorsExample.qml**



```
// DarkSquare.qml
import QtQuick 2.5

Square {
    color: "#3c3c3c"
}

// GreenSquare.qml
import QtQuick 2.5

Square {
    color: "#67c111"
}

// BlueSquare.qml
import QtQuick 2.5

Square {
    color: "#00bde3"
}

// EmptySquare.qml
import QtQuick 2.5

Item {
    width: 96
    height: width
}
```

```
// anchors.qml

import QtQuick 2.5

DarkSquare {
    id: root
    width: 400; height: 240

    Grid {
        anchors.fill: parent
        anchors.margins: 16
        spacing: 8
        columns: 4

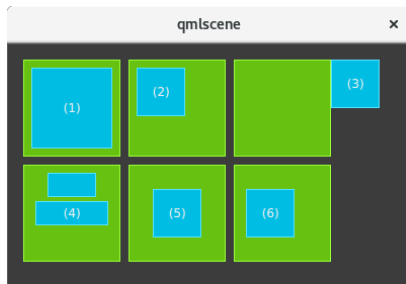
        // M1>>
        GreenSquare {
            BlueSquare {
                width: 12
                anchors.fill: parent
                anchors.margins: 8
                text: '(1)'
            }
        }
        // <<M1

        // M2>>
        GreenSquare {
            BlueSquare {
                width: 48
                y: 8
                anchors.left: parent.left
                anchors.leftMargin: 8
                text: '(2)'
            }
        }
        // <<M2

        // M3>>
        GreenSquare {
            BlueSquare {
                width: 48
                anchors.left: parent.right
                text: '(3)'
            }
        }
        // <<M3

        EmptySquare {}

        // M4>>
    }
}
```



```
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}

// BlueSquare.qml
import QtQuick 2.5

Square {
    color: "#00bde3"
}

// EmptySquare.qml
import QtQuick 2.5

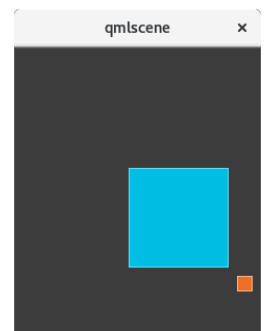
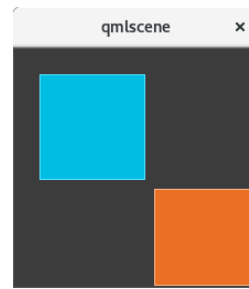
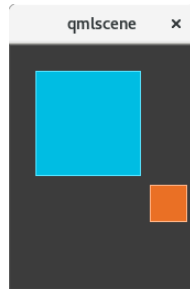
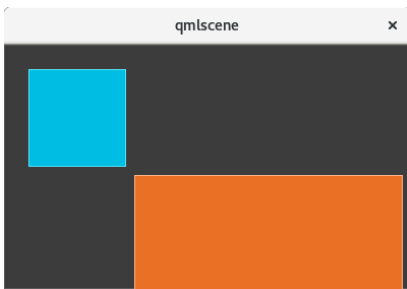
Item {
    width: 96
    height: width
}
```

```
// M4>>
GreenSquare {
    BlueSquare {
        id: blue1
        width: 48; height: 24
        y: 8
        anchors.horizontalCenter: parent.horizontalCenter
    }
    BlueSquare {
        id: blue2
        width: 72; height: 24
        anchors.top: blue1.bottom
        anchors.topMargin: 4
        anchors.horizontalCenter: blue1.horizontalCenter
        text: '(4)'
    }
}
// <<M4

// M5>>
GreenSquare {
    BlueSquare {
        width: 48
        anchors.centerIn: parent
        text: '(5)'
    }
}
// <<M5

// M6>>
GreenSquare {
    BlueSquare {
        width: 48
        anchors.horizontalCenter: parent.horizontalCenter
        anchors.horizontalCenterOffset: -12
        anchors.verticalCenter: parent.verticalCenter
        text: '(6)'
    }
}
//<<M6
```

ecat@etpc:~/Documents/curs2019-2020/dam/qml/doc/cadaques/ch04-qmlstart-assets/ch04-qmlstart/src/anchors\$ **qmlscene AnchorsExample2.qml**



```
// anchors2.qml
import QtQuick 2.5

DarkSquare {
    id: root
    width: 400; height: 240

    BlueSquare {
        id: blue;
        x: 24; y: 24
        MouseArea {
            anchors.fill: parent
            drag.target: parent
            // reset position`
            onClicked: parent.x = 24
        }
    }
    RedSquare {
        id: red;
        anchors.left: blue.right
        anchors.leftMargin: 8
        anchors.right: root.right
        anchors.rightMargin: 8
        anchors.top: blue.bottom
        anchors.topMargin: 8
        MouseArea {
            anchors.fill: parent
            onClicked: {
                print("set x to 24")
                parent.x = 24
            }
        }
    }
}
}
```