QML contact reader application using QtMobility API

QMLContactReader application is a very simple application developed in QML using Qt Mobility API.

Introduction

QMLContactReader application is a very simple application with two screens. First screen have contacts in the list from the phone book with first name, last name and number and when you tap on the number you will get the dialog with more details.

Video from emulator: The media player is loading...

Qt Mobility Package

```
import QtMobility.contacts 1.1
```

```
Page {
    id: mainPage


    Text {
        id: titleText
        text: "Contacts Book"
        anchors.horizontalCenter: parent.horizontalCenter
        anchors.top: parent.top
        anchors.topMargin: 6
        color: platformStyle.colorNormalLight

    }
    Component {
        id: contactListDelegate
        Rectangle {
            height: 80
            width: parent.width
            color: "black"
            border.color: "gray"
            border.width: 2
            Text {
                id: nameText
                text: contact.name.firstName + " " + contact.name.lastName
                color: "red"
                anchors{left: parent.left; right: parent.right; top: parent.top; }
                anchors.leftMargin: 10
                font.pixelSize: 30
            }
            Text {
                id: numberText
                text: contact.phoneNumber.number
                color: "white"
                anchors{left: parent.left; right: parent.right; top: nameText.bottom; bottom: parent.bottom}
                anchors.leftMargin: 20
                font.pixelSize: 30
            }
            MouseArea{
                anchors.fill: parent
                onClicked: {
                    cdDetails.contactFields = contact
                    cdDetails.open()
                }
            }
        }
    }

    ContactModel {
        id: contactModel
        sortOrders:
            SortOrder {
            detail: ContactDetail.Name
            field: Name.LastName
            direction: Qt.AscendingOrder
        }
    }

    ListView {
        id: contactList
        anchors{top: titleText.bottom; bottom: parent.bottom; left: parent.left; right: parent.right}
        model: contactModel
        delegate: contactListDelegate
        clip: true
    }

    ContactDetails{
        id: cdDetails
        anchors.fill: parent
    }
}
```

Dialog Code

```
CommonDialog{
    id: cdDialog
    titleText: "Contact Details"
    buttonTexts: ["OK"]

    property Contact contactFields
```


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```
    content :Flickable{
        height: parent.height
        width: parent.width
        contentHeight: contentItem.height
        contentWidth: contentItem.width
        flickableDirection: Flickable.VerticalFlick

        Item {
            id: contentItem
            Text {
                id: fNametext
                text: qsTr("First Name")
                color: "white"
                anchors{top: parent.top; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 10}
                font.pixelSize: 30
            }

            Text {
                id: fNametextEdit
                text: contactFields.name.firstName
                color: "lightblue"
                anchors{top: fNametext.bottom; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 20}
                font.pixelSize: 30
            }

            Text {
                id: lNametext
                text: qsTr("Last Name")
                anchors{top: fNametextEdit.bottom; left: parent.left; right: parent.right; topMargin: 30; leftMargin: 10}
                color: "white"
                font.pixelSize: 30
            }
            Text {
                id: lNametextEdit
                text: contactFields.name.lastName
                anchors{top: lNametext.bottom; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 20}
                color: "lightblue"
                font.pixelSize: 30
            }

            Text {
                id: lNumbertext
                text: qsTr("Number")
                anchors{top: lNametextEdit.bottom; left: parent.left; right: parent.right; topMargin: 30; leftMargin: 10}
                color: "white"
                font.pixelSize: 30
            }
            Text {
                id: lNumbertextEdit
                text: contactFields.phoneNumber.number
                anchors{top: lNumbertext.bottom; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 20}
                color: "lightblue"
                font.pixelSize: 30
            }
            Text {
                id: lEmailText
                text: qsTr("Email")
                anchors{top: lNumbertextEdit.bottom; left: parent.left; right: parent.right; topMargin: 30; leftMargin: 10}
                color: "white"
                font.pixelSize: 30
            }
            Text {
                id: lEmailtextEdit
                text: contactFields.email.emailAddress
                anchors{top: lEmailText.bottom; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 20}
                color: "lightblue"
                font.pixelSize: 30
            }
            Text {
                id: lAddressText
                text: qsTr("Address")
                anchors{top: lEmailtextEdit.bottom; left: parent.left; right: parent.right; topMargin: 30; leftMargin: 10}
                color: "white"
                font.pixelSize: 30
            }
            Text {
                id: lAddresstextEdit
                text: contactFields.address.street + " " + contactFields.address.postcode + " " + contactFields.address.state + " "
                anchors{top: lAddressText.bottom; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 20}
                color: "lightblue"
                font.pixelSize: 30
                wrapMode: Text.WordWrap
            }
            Text {
                id: lorganizationText
                text: qsTr("Organization")
                anchors{top: lAddresstextEdit.bottom; left: parent.left; right: parent.right; topMargin: 30; leftMargin: 10}
                color: "white"
                font.pixelSize: 30
            }
            Text {
                id: lorganizationtextEdit
                text: contactFields.organization.title
                anchors{top: lorganizationText.bottom; left: parent.left; right: parent.right; topMargin: 10; leftMargin: 20}
                color: "lightblue"
                font.pixelSize: 30
            }
        }
    }
}
```

Example Code

http://www.developer.nokia.comhttp://www.developer.nokia.com/Community/Wiki/File:Qmlcontactreader.zip

Reference links

http://doc.qt.nokia.com/qtmobility/index.html http://doc.qt.nokia.com/qtmobility/qml-contacts.html

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