Archived:How to select multiple items with QListWidget

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Qt Quick should be used for all UI development on mobile devices. The approach described in this article (based on QWidget) is deprecated.

The QListWidget class provides an item-based list widget that contains a number of QListWidgetItems. This code snippet shows how we can touch and select multiple items using this list widget.

What needs to be done to enable multiple selection

The `selectionMode()` of a list widget determines how many of the items in the list can be selected at the same time, and whether complex selections of items can be created. This can be set with the `setSelectionMode()` function.

```
setSelectionMode(QAbstractItemView::MultiSelection );
```

We associate `itemClicked` signal with corresponding slot.

```
connect(this, SIGNAL(itemClicked(QListWidgetItem*)), this, SLOT(HandleItem()));
```

When an item is clicked then the `HandleItem()` slot is called. `HandleItem()` looks like this:

```
void ContentTab::HandleItem()
{
        currentItem()->setSelected (!currentItem()->isSelected());
        setCurrentRow(currentRow(), QItemSelectionModel::Toggle );
}
```

Sample Example

Sample code can be downloaded from the following zip file, It was tested with C7 Belle SW.

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Download the example for Belle: File:ListWidgetMulti.zip

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