

Qt6 C++ Course

What is QListWidget

QListWidget is a convenience class that provides a list view similar to the one supplied by QListView, but with a classic item-based interface for adding and removing items. QListWidget uses an internal model to manage removing items. QListWidget uses an internal model to manage each QListWidgetItem in the list.

These are some methods for QListWidget class.

- `insertItem()`: This method inserts a new item into List Widget at the specified location.
- `insertItems()`: This method inserts multiple items from the supplied list, starting at the specified location.
- `count()`: This method returns the count of the number of items in the list.

- `takeItem()`: This method removes and returns items from the specified row in `ListWidget`.
- `currentItem()`: This method returns the current item in the list.
- `addItem()`: This method appends the item with the specified text at the end of `List Widget`.
- `currentRow()`: This method returns the row number of the current selected list item. If no list item is selected, it returns the value `-1`.

These are some signals for `QListWidget`.

- `clicked()`: this signal is emitted when the item is clicked in the `listwidget`
- `currentRowChanged()`: This signal is emitted when the row of the current list item changes

- `currentTextChanged()`: This signal is emitted whenever the text in the current list item is changed
- `currentItemChanged()`: This signal is emitted when the focus of the current list item is changed