

# Qt6 C++ Course

## What is QComboBox

A combobox is a selection widget that displays the current item, and can pop up a list of selectable items. A combobox may be editable, allowing the user to modify each item in the list. There are different methods in QComboBox class.

- `setItemText()`: Sets or changes the text of the item in the combo box.
- `removeItem()`: Removes the specific item from the combo box.
- `clear()`: Removes all items from the combo box.
- `currentText()`: It returns the text of the current item, that is, the item that is currently chosen.

- `setCurrentIndex()`: Sets the current index of the combo box, that is, it sets the desired item in the combo box as the currently chosen item.
- `count()`: Returns the count of the items in the combo box.
- `setEditable()`: Make the combo box editable, that is, the user can edit items in the combo box.
- `addItem()`: Appends the specified content to the combo box.
- `itemText()`: Returns the text at the specified index location in the combo box.
- `currentIndex()`: Returns the index location of the currently chosen item in the combo box. If the combo box is empty or no item is currently chosen in

the combo box, the method will return  $-1$  as the index.

also there are some signals that you can use, for example we have `currentIndexChanged()`, it is emitted when the index of the combo box is changed and `editTextChanged()`, it is emitted when the text of an editable combo box is changed.