

QMainWindow

```
classDiagram
    class QMainWindow
    class Markov_GUI_menu["Markov::GUI::menu"] {
        - ui
        + menu()
        + about()
        + visualization()
    }
    QMainWindow <|-- Markov_GUI_menu
```

The diagram illustrates a class hierarchy. At the top is the 'QMainWindow' class, represented by a rectangle with three horizontal compartments. The top compartment contains the class name. Below it are two empty compartments. At the bottom is the 'Markov::GUI::menu' class, represented by a shaded rectangle with three horizontal compartments. The top compartment contains the class name, the middle compartment contains a private attribute '- ui', and the bottom compartment contains three public methods: '+ menu()', '+ about()', and '+ visualization()'. A blue arrow with an open triangular head points from the 'Markov::GUI::menu' class up to the 'QMainWindow' class, indicating that 'Markov::GUI::menu' inherits from 'QMainWindow'.

Markov::GUI::menu

- ui

+ menu()  
+ about()  
+ visualization()