

QMainWindow

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

The diagram shows a class hierarchy. At the top is a class box for QMainWindow, which is divided into three horizontal sections: the top section contains the class name, and the two bottom sections are empty. Below it is a class box for Markov::GUI::menu, which is divided into three horizontal sections. The top section contains the class name, the middle section contains a private attribute - ui, and the bottom section contains three public methods: + menu(), + about(), and + visualization(). A blue arrow with an open triangle head points from the bottom of the Markov::GUI::menu box to the bottom of the QMainWindow box, indicating inheritance.

Markov::GUI::menu

- ui

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