

QMainWindow

```
classDiagram
    class QMainWindow
    class Markov_GUI_Train["Markov::GUI::Train"]
    QMainWindow <|-- Markov_GUI_Train
    class Markov_GUI_Train {
        - ui
        + Train()
        + home()
        + train()
    }
```

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. A blue arrow with an open triangular head points upwards from the 'Markov::GUI::Train' class to the 'QMainWindow' class, indicating inheritance. The 'Markov::GUI::Train' class is represented by a shaded rectangle with three horizontal compartments. The top compartment contains the class name. The middle compartment contains a private attribute '- ui'. The bottom compartment contains three public methods: '+ Train()', '+ home()', and '+ train()'.

Markov::GUI::Train

- ui

+ Train()  
+ home()  
+ train()