

QMainWindow

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QuaternionDemo

```
classDiagram
    QuaternionDemo --> QMainWindow
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```

The diagram illustrates a class hierarchy where a single class, QuaternionDemo, is the superclass for two separate QMainWindow instances. A horizontal line connects the two QMainWindow boxes, with a vertical line descending from its center to the top of the QuaternionDemo box. Two arrows point upwards from the vertical line to the bottom of each QMainWindow box, indicating inheritance.