

## 62 设置表头标题对话框

第四步，添加通过“表头”对话框，设置表头标题的功能。

### 62.1 “表头”对话框

C:\Users\Minwei\Projects\Qt\Sheet\headerdialog.h:

```
1  ...
2  #include <QStringListModel>
3  ...
4  class HeaderDialog : public QDialog
5  {
6      ...
7  public:
8      ...
9      void setHeaderLabels(QStringList const& headerLabels);
10     QStringList getHeaderLabels(void);
11     ...
12 private:
13     ...
14     QStringListModel* m_model;
15     ...
16 };
17 ...
```

C:\Users\Minwei\Projects\Qt\Sheet\headerdialog.cpp:

```
1  ...
2  HeaderDialog::HeaderDialog(QWidget *parent) :
3      ...
4      m_model(new QStringListModel(this))
5      ...
6  {
7      ...
8      ui->m_list->setModel(m_model);
9      ...
10 }
11 ...
12 void HeaderDialog::setHeaderLabels(QStringList const& headerLabels)
13 {
14     m_model->setStringList(headerLabels);
15 }
16
17 QStringList HeaderDialog::getHeaderLabels(void)
18 {
19     return m_model->stringList();
20 }
21 ...
```

## 62.2 主窗口

C:\Users\Minwei\Projects\Qt\Sheet\sheetwindow.cpp:

```
1  ...
2  #include "headerdialog.h"
3  ...
4  void Sheetwindow::on_m_actHeader_triggered()
5  {
6      QStringList headerLabels;
7      for (int column = 0; column < m_model->columnCount(); ++column)
8          headerLabels.append(m_model->headerData(
9              column, Qt::Horizontal, Qt::DisplayRole).toString());
10
11     HeaderDialog dlg(this);
12     dlg.setHeaderLabels(headerLabels);
13
14     if (dlg.exec() == QDialog::Accepted)
15         m_model->setHorizontalHeaderLabels(dlg.getHeaderLabels());
16 }
17 ...
```

## 62.3 测试验证

运行效果如图所示:

