

## Qt 布局(QLayout 类&QStackedWidget 类)--零声教育 vico 老师

### 一、QLayout 类 (基本布局)

Qt 提供 QHBoxLayout 类、QVBoxLayout 类、QGridLayout 类等基本布局管理，具体如下：

#### QLayout Class

The **QLayout** class is the base class of geometry managers. [More...](#)

Header: `#include <QLayout>`

qmake: `QT += widgets`

Inherits: **QObject** and **QLayoutItem**

Inherited By: **QBoxLayout**, **QFormLayout**, **QGridLayout**, and **QStackedLayout**

- List of all members, including inherited members
- Obsolete members

#### QBoxLayout Class

The **QBoxLayout** class lines up child widgets horizontally or vertically. [More...](#)

Header: `#include <QBoxLayout>`

qmake: `QT += widgets`

Inherits: **QLayout**

Inherited By: **QHBoxLayout** and **QVBoxLayout**

- List of all members, including inherited members
- Obsolete members

#### QGridLayout Class

The **QGridLayout** class lays out widgets in a grid. [More...](#)

Header: `#include <QGridLayout>`

qmake: `QT += widgets`

Inherits: **QLayout**

- List of all members, including inherited members
- Obsolete members

## QStackedLayout Class

The `QStackedLayout` class provides a stack of widgets where only one widget is visible at a time. [More...](#)

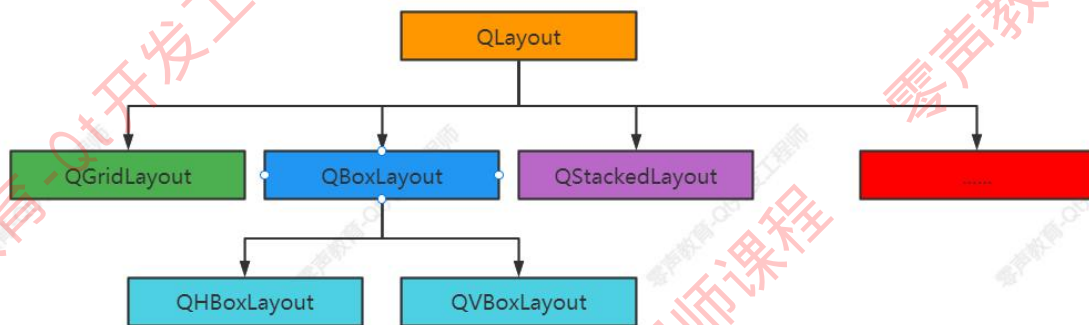
Header: `#include <QStackedLayout>`

qmake: `QT += widgets`

Inherits: `QLayout`

- List of all members, including inherited members
- Obsolete members

各类之间继承关系如下:



## 二、QStackedWidget 类 (堆栈窗体)

### QStackedWidget Class

The `QStackedWidget` class provides a stack of widgets where only one widget is visible at a time. [More...](#)

Header: `#include <QStackedWidget>`

qmake: `QT += widgets`

Inherits: `QFrame`

- List of all members, including inherited members
- Obsolete members

### QFrame Class

The `QFrame` class is the base class of widgets that can have a frame. [More...](#)

Header: `#include <QFrame>`

qmake: `QT += widgets`

Inherits: `QWidget`

Inherited By: `QAbstractScrollArea`, `QLabel`, `QLCDNumber`, `QSplitter`, `QStackedWidget`, and `QToolBox`

- List of all members, including inherited members
- Obsolete members

**QStackedWidget 控件相当于一个窗口一样，提供一个空间专门存放一些控件（并且**

**每次只能有一个控件可见，被设置为当前的控件）。**