2028-鼠标及键盘事件--零声教育

一、鼠标事件分析

1、官方提供 QMouseEvent 类帮助及 API 函数如下：

QMouseEvent Class

(
Qt3DInput::QMouseEvent)

The Qt3DCore::QMouseEvent contains parameters that describe a mouse event. More...

Header:	#include <Qt3DInput/QMouseEvent>
qmake:	QT += 3dinput
Since:	Qt 5.5
Instantiated By:	MouseEvent
Inherits:	QObject

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

Member Type Documentation

enum QMouseEvent::Buttons

Constant	Value
Qt3DInput::QMouseEvent::LeftButton	Qt::LeftButton
Qt3DInput::QMouseEvent::RightButton	Qt::RightButton
Qt3DInput::QMouseEvent::MiddleButton	Qt::MiddleButton
Qt3DInput::QMouseEvent::BackButton	Qt::BackButton
Qt3DInput::QMouseEvent::NoButton	Qt::NoButton

2、【程序运行结果】

用户按下[左键]：(468,238)   鼠标在当前窗口坐标为：   (468, 238)

用户按下[鼠标释放坐标]：(390,2 鼠标在当前窗口坐标为：   (390, 240)

二、键盘事件分析

1、官方提供 QKeyEvent 类帮助及 API 函数如下：

QKeyEvent Class

(
Qt3DInput::QKeyEvent)

QKeyEvent event type send by KeyBoardHandler. More...

Header:	#include <QKeyEvent>
qmake:	QT += 3dinput
Since:	Qt 5.5
Instantiated By:	KeyEvent
Inherits:	QObject

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

enum Qt::**Key**

The key names used by Qt.

Constant	Value	Description
Qt::Key_Escape	0x01000000	
Qt::Key_Tab	0x01000001	
Qt::Key_Backtab	0x01000002	
Qt::Key_Backspace	0x01000003	
Qt::Key_Return	0x01000004	
Qt::Key_Enter	0x01000005	Typically located on the keypad.
Qt::Key_Insert	0x01000006	
Qt::Key_Home	0x01000010	
Qt::Key_End	0x01000011	
Qt::Key_Left	0x01000012	
Qt::Key_Up	0x01000013	
Qt::Key_Right	0x01000014	
Qt::Key_Down	0x01000015	
Qt::Key_PageUp	0x01000016	
Qt::Key_PageDown	0x01000017	
Qt::Key_Shift	0x01000020	
Qt::Key_Control	0x01000021	On macOS, this corresponds to the Command keys.

2、【程序运行结果】