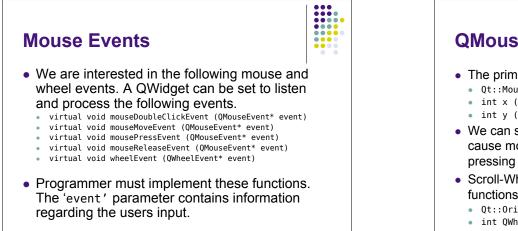
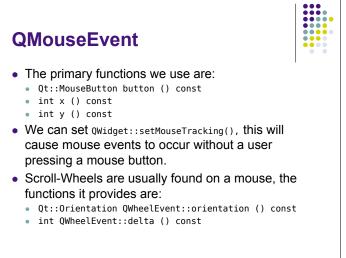


User Interaction

 Graphical User Interfaces allow us to interact with programs. The main input devices for interaction are:

- Mouse
- Mouse buttons
- Scroll-wheel
- Location
- Keyboard
 - Keys
- Tablet Pens
 - · Like mouse with pressure sensor





Keyboard Events



- We are interested in the following keyboard events. A QWidget can be set to listen and process the following events.
 - virtual void keyPressEvent (QKeyEvent* event)
 - virtual void keyReleaseEvent (QKeyEvent* event)
- Programmer must implement these functions.

QKeyEvent

- The primary functions we use are:
 - int key () const
 - Qt::KeyboardModifiers modifiers () const
- Key events return type int, but should looked up using the Qt::Key enum.

 In addition Key events tell us if two keys are pressed such as CTRL+A.

