

Battery_calculator script, demo > Screenshot desktop app.py > AreaSelector > mouseMoveEvent

```

14 class AreaSelector(QWidget):
31     def mouseMoveEvent(self, event):
34         self.update()
35
36     def mouseReleaseEvent(self, event):
37         if event.button() == Qt.LeftButton and self.start:
38             self.end = event.pos()
39             self.selected_rect = QRect(self.start, self.end).normalized()
40             self.hide()
41             # Emit a custom event or call a callback if set
42             if hasattr(self, 'on_selection_done') and callable(self.on_selection_done):
43                 self.on_selection_done(self.selected_rect)
44
45     def paintEvent(self, event):
46         if self.start and self.end:
47             painter = QPainter(self)
48             painter.setPen(QPen(Qt.red, 2, Qt.SolidLine))

```

PROBLEMS 51 OUTPUT DEBUG CONSOLE GITLENS PORTS TERMINAL SPELL CHECKER 38

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\Battery_calculator script, demo> & C:/Python310/python.exe "c:/Users/User/OneDrive - Revov (1)/Desktop/BATTERY DESIGN/Battery_calculator script, demo/Screenshot desktop app.py"
Traceback (most recent call last):
  File "c:\Users\User\OneDrive - Revov (1)\Desktop\BATTERY DESIGN\Battery_calculator script, demo\Screenshot desktop app.py", line 4, in <module>
    class AreaSelector(QWidget):
NameError: name 'QWidget' is not defined
PS C:\Users\User\OneDrive - Revov (1)\Desktop\BATTERY DESIGN\Battery_calculator script, demo> ^C
PS C:\Users\User\OneDrive - Revov (1)\Desktop\BATTERY DESIGN\Battery_calculator script, demo> & C:/Python310/python.exe "c:/Users/User/OneDrive - Revov (1)/Desktop/BATTERY DESIGN/Battery_calculator script, demo/Screenshot desktop app.py"
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PS C:\Users\User\OneDrive - Revov (1)\Desktop\BATTERY DESIGN\Battery_calculator script, demo> & C:/Python310/python.exe "c:/Users/User/OneDrive - Revov (1)/Desktop/BATTERY DESIGN/Battery_calculator script, demo/Screenshot desktop app.py"
PS C:\Users\User\OneDrive - Revov (1)\Desktop\BATTERY DESIGN\Battery_calculator script, demo> & C:/Python310/python.exe "c:/Users/User/OneDrive - Revov (1)/Desktop/BATTERY DESIGN/Battery_calculator script, demo/Screenshot desktop app.py"
```

handling in PyQt.

Solution:

Use signals/slots or an event-driven approach instead of a blocking loop. I'll refactor the area selection so the screenshot is taken after the selector widget closes, using a callback.


Let me update your script to fix this.

Screenshot desktop
app.py +11 -9

The area selection feature is now event-driven and will not block or freeze your app. After you select a region, the screenshot is captured and saved as expected.



Try running the app again—your UI should appear and area selection should work smoothly. Let me know if you need further tweaks or features!

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 Add Context...

 Screenshot desktop

Add context (#), extension

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