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1 from kivy.uix.popup import Popup
2 from kivy.uix.label import Label
3 from kivy_garden.graph import LinePlot
4 from kivy.uix.boxlayout import BoxLayout
5
6
7 class ModbusPopup(Popup):
8     """
9     Popup da configuração do protocolo MODBUS
10    """
11    _info_lb = None
12    def __init__(self, server_ip, server_port, **kwargs):
13        """
14        Construtor da classe ModbusPopup
15        """
16        super().__init__(**kwargs)
17        self.ids.txt_ip.text = str(server_ip)
18        self.ids.txt_porta.text = str(server_port)
19
20    def setInfo(self, message):
21        self._info_lb = Label(text=message)
22        self.ids.layout.add_widget(self._info_lb)
23
24    def clearInfo(self):
25        if self._info_lb is not None:
26            self.ids.layout.remove_widget(self._info_lb)
27
28
29
30
31 class ScanPopup(Popup):
32     """
33     Popup da configuração do tempo de varredura
34    """
35    def __init__(self, scantime, **kwargs):
36        """
37        Construtor da classe ScanPopup
38        """
39        super().__init__(**kwargs)
40        self.ids.txt_st.text = str(scantime)
41
42
43 class DataGraphPopup(Popup):
44    def __init__(self, xmax, plot_color, **kwargs):
45        super().__init__(**kwargs)
46        self.plot = LinePlot(line_width=1.5, color=plot_color)
47        self.ids.graph.add_plot(self.plot)
48        self.ids.graph.xmax = xmax
49
50 class LabeledCheckBoxDataGraph(BoxLayout):
51     pass
52
53
54 class HistGraphPopup(Popup):
55    def __init__(self, **kwargs):
56        super().__init__()

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57     for key,value in kwargs.get('tags').items():
58         cb = LabeledCheckBoxHistGraph()
59         cb.ids.label.text = key
60         cb.ids.label.color = value['color']
61         cb.id = key
62         self.ids.sensores.add_widget(cb)
63
64
65 class LabeledCheckBoxHistGraph(BoxLayout):
66     pass
```