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1: /*
2:  * File: Label.qml
3:  * Description: A baseline label for displaying text data.
4:  * Project: Carberry Pi
5:  * Author: Ryan McHugh
6:  * Year: 2020
7: */
8: import QtQuick 2.11
9: import QtQuick.Window 2.4
10: import QtQuick.Controls 2.4
11: import QtQuick.Controls.Styles 1.4
12: import QtQuick.Layouts 1.3
13: import QtQuick.Extras 1.4
14: import ".."
15:
16: Label {
17:     id: internal_label
18:     padding: 10
19:     property var style: null
20:     text: "text"
21:     wrapMode: Text.Wrap
22:     color: "black"
23:     font.pixelSize: 22
24:
25:     height: get_preferred_height()
26:
27:     function get_preferred_height(){
28:         var ret = (contentWidth / width) * 45
29:         return ret > 50 ? ret : 50;
30:     }
31:
32:     Component.onCompleted: function(){
33:         if(style == null)
34:             return;
35:
36:         internal_label.state = style;
37:     }
38:
39:     states: [
40:         State {
41:             name: "dark"
42:             PropertyChanges { target: internal_label; color: "white"}
43:         },
44:         State {
45:             name: "dark_grey"
46:             PropertyChanges { target: internal_label; color: "grey"}
47:         },
48:         State {
49:             name: "light"
50:             PropertyChanges { target: internal_label; color: "black"}
51:         },
52:         State {
53:             name: "light_grey"
54:             PropertyChanges { target: internal_label; color: "grey"}
55:         },
56:         State {
57:             name: "caution"
58:             PropertyChanges { target: internal_label; color: "orange"; font.underline: t
rue}
59:         }
60:     ]
61: }
62:
```