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1: /*
2:  * File: Settings.qml
3:  * Description: Configurable dropdown lists - values imported from config.json
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 "../items" as Items
15:
16:
17:
18: Frame{
19:
20:     property var context: null
21:
22:
23:     implicitWidth: 700
24:     implicitHeight: 420
25:
26:
27:     ListView{
28:         id: config_view
29:
30:
31:         anchors.horizontalCenter: parent.horizontalCenter;
32:         anchors.top: parent.top;
33:
34:         width: 200
35:         implicitHeight: 300
36:
37:         model: config_model
38:
39:         ListModel{
40:             id: config_model
41:             dynamicRoles: true
42:
43:             function refreshModel(){
44:                 clear();
45:
46:                 var obj = Object.keys(context.config);
47:                 for(var i = 0; i < obj.length; i++){
48:                     var fill = obj[i];
49:                     var entry = {'key': fill, 'value': context.config[fill]};
50:                     append(entry);
51:                 }
52:             }
53:             Component.onCompleted: refreshModel()
54:         }
55:
56:
57:
58:
59:         delegate: configDelegate
60:
61:         Component {
62:             id: configDelegate
63:
64:             Item{
65:                 id: configDelegate_box
66:                 property var key: model.key
67:                 property var options: model.value['options']
68:                 property var value: model.value['current']
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69:         implicitWidth: 200
70:         implicitHeight: 75
71:         anchors.horizontalCenter: parent.horizontalCenter
72:
73:         clip: true
74:
75:         Column{
76:             anchors.fill: parent
77:
78:             Items.Label{
79:                 text: configDelegate_box.key
80:                 style: context.config['style']['current']
81:             }
82:
83:             ComboBox {
84:
85:                 implicitWidth: 200
86:                 implicitHeight: 25
87:
88:                 property var loaded: false
89:
90:
91:                 model: configDelegate_box.options != undefined ? options : []
92:
93:                 Component.onCompleted: function() {
94:                     currentIndex = this.find(configDelegate_box.value.toString())
95:                     loaded = true
96:                 }
97:
98:                 onCurrentIndexChanged: function () {
99:                     if(loaded){
100:                         context.updateConfigFromQML(configDelegate_box.key, this.tex
tAt(this.currentIndex))
101:                         console.log("config-update: [" + configDelegate_box.key + "
: " + this.textAt(this.currentIndex) + "]")
102:                         config_change_label.visible = true
103:                     }
104:                 }
105:
106:                 // Component.onCompleted: console.log(configDelegate_box.value != un
defined ? configDelegate_box.value : "null")
107:             }
108:         }
109:
110:     }
111:
112: }
113:
114:
115:
116:
117: }
118:
119: // Add Restart Button
120:
121: Items.Label{
122:     id: config_change_label
123:     text: "Changes will take effect on restart."
124:     visible: false
125:     anchors.horizontalCenter: parent.horizontalCenter
126:     anchors.top: config_view.bottom
127:     style: context.config['style']['current']
128: }
129:
130:
131: }
```