

```

1 #Region Project Attributes
2     #ApplicationLabel: LedFelipe
3     #VersionCode: 1
4     #VersionName:
5     'SupportedOrientations possible values: unspecified, landscape or
    portrait.
6     #SupportedOrientations: unspecified
7     #CanInstallToExternalStorage: False
8 #End Region
9
10
11 #Region Activity Attributes
12     #FullScreen: False
13     #IncludeTitle: True
14 #End Region
15
16 Sub Process_Globals
17     'These global variables will be declared once when the application
    starts.
18     'These variables can be accessed from all modules.
19
20 End Sub


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21
22 Sub Globals
23     Dim Serial1 As Serial
24     Dim AStreams As AsyncStreams
25     Dim connected As Boolean
26
27     Dim ButtonSend_Click As Button
28     Dim TextLog As EditText
29     Dim TextSend As EditText
30 End Sub


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31
32 Sub Activity_Create(FirstTime As Boolean)
33     If FirstTime Then
34         Serial1.Initialize("Serial1")
35     End If
36     Activity.LoadLayout("pfelipe")
37     Activity.AddMenuItem("Ayuda", "mnuAyuda")
38     Activity.AddMenuItem("Acerca", "mnuAcerca")
39 End Sub


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40
41 Sub mnuAcerca_Click
42     MsgBox("xsetaseta@gmail.com", "")
43     TextLog.Text = TextLog.Text & " xsetaseta@gmail.com "
44 End Sub


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45
46 Sub mnuAyuda_Click
47     MsgBox("Android->arduino", "")
48     TextLog.Text = TextLog.Text & " Android->arduino "
49 End Sub


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50
51 Sub Activity_Resume
52     If Serial1.IsEnabled = False Then
53         MsgBox("Por favor enable Bluetooth.", "")
54         Salir_Click

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55     Else
56         Serial1.Listen
57     End If
58 End Sub
59
60 Sub Activity_Pause (UserClosed As Boolean)
61     If UserClosed Then
62         AStreams.Close
63     End If
64 End Sub
65
66 Sub AStreams_NewData (Buffer() As Byte)
67     TextLog.Text = "->" & BytesToString(Buffer, 0, Buffer.Length, "☞
        ASCII")
68 End Sub
69
70 Sub AStreams_Error
71     ToastMessageShow(LastException.Message, True)
72 End Sub
73
74 Sub Salir_Click
75     Serial1.Disconnect
76     TextLog.Text = " Desconectado "
77     connected = False
78     MsgBox("Programa terminado", "")
79     ExitApplication
80 End Sub
81 Sub Conectar_Click
82     Dim PairedDevices As Map
83     PairedDevices = Serial1.GetPairedDevices
84     Dim l As List
85     l.Initialize
86     For i = 0 To PairedDevices.Size - 1
87         l.Add(PairedDevices.GetKeyAt(i)) 'add the friendly name to the ☞
        list
88     Next
89     Dim res As Int
90     res = InputList(l, "Selecciona dispositivo", -1) 'show list with ☞
        paired devices
91
92     If res <> DialogResult.CANCEL Then
93         Serial1.Connect(PairedDevices.Get(l.Get(res))) 'convert the ☞
        name to mac address
94         TextLog.Text = TextLog.Text & "Conectando a: " & l.Get(res)
95     End If
96
97 End Sub
98
99 Sub Serial1_Connected (Success As Boolean)
100
101     If Success Then
102         AStreams.Initialize (Serial1.InputStream ,Serial1.OutputStream ☞
        ,"AStreams")
103         TextLog.Text = TextLog.Text & " Conectado "
104         connected = True
105     Else

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106         connected = False
107         MsgBox(LastException.Message, "Error de conexion.")
108     End If
109 End Sub
110
111
112 Sub ButtonSend_Click
113     If connected Then
114         Dim s As String
115         s = TextSend.Text & Chr(10)
116         Dim buffer() As Byte
117         buffer = s.GetBytes("UTF8")
118         AStreams.Write(buffer)
119     End If
120 End Sub
121
122 Sub Button13on_Click
123     TextSend.Text = "1Dig13"
124 End Sub
125 Sub Button13off_Click
126     TextSend.Text = "0Dig13"
127 End Sub
128 Sub Button12on_Click
129     TextSend.Text = "1Dig12"
130 End Sub
131 Sub Button12off_Click
132     TextSend.Text = "0Dig12"
133 End Sub
134 Sub Button11on_Click
135     TextSend.Text = "1Dig11"
136 End Sub
137 Sub Button11off_Click
138     TextSend.Text = "0Dig11"
139 End Sub
140 Sub Button10on_Click
141     TextSend.Text = "1Dig10"
142 End Sub
143 Sub Button10off_Click
144     TextSend.Text = "0Dig10"
145 End Sub

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