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1 import os
2 import sys
3 import time
4 import curses
5 from curses import textpad
6 import math
7
8
9 def scrolling_text(stdscr, string, h=27, pause=True, skip=False):
10     if skip == True:
11         stdscr.addstr(h,3,string)
12     else:
13         for i in range(len(string)):
14             stdscr.addstr(h,3+i,string[i])
15             if stdscr.getch() == ord(" "):
16                 curses.napms(10)
17             elif string[i] == "." or string[i] == "?" or string[i] == "!":
18                 curses.napms(300)
19             elif string[i] == "-":
20                 curses.napms(200)
21             elif string[i] == ",":
22                 curses.napms(100)
23             else:
24                 curses.napms(60)
25         stdscr.refresh()
26     if pause == True:
27         key = stdscr.getch()
28         while key != 10:#KEY_ENTER
29             if key == curses.KEY_RESIZE:
30                 curses.resize_term(30,97)
31                 key = stdscr.getch()
32     else:
33         pass
34
35 def truncate(string):
36     global separator
37     charPerLine = 78 - len(separator)
38     out = []
39     while True:
40         if len(string) <= charPerLine:
41             out.append(string)
42             break
43         else:
44             lineLen = charPerLine
45             while lineLen > 1:
46                 if string[lineLen] == " ":
47                     out.append(string[:lineLen])
48                     string = string[lineLen:]
49                     break
50                 else:
51                     lineLen -= 1
52             if lineLen == 1:
53                 out.append(string[:charPerLine])
54                 string = string[charPerLine:]
55     for i in range(1,len(out)):
56         out[i] = out[i].strip()
57         out[i] = " "*len(separator)+out[i]
58     return out
59

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60 def main(stdscr):
61     try:
62         print(sys._MEIPASS)
63         f = open(sys._MEIPASS+"\\LostInTheWoods.txt", "r")
64     except:
65         f = open(os.getcwd()+"\\LostInTheWoods.txt", "r")
66     lines = f.readlines()
67     for i in range(len(lines)):
68         lines[i] = lines[i].strip("\n")
69
70     mapSquares = [
71         ["?==", " ||", " L "], ["==", "██", "██ "], ["= ", " ■ ", "\
72         "],
73         [" F", " || ", " || "], ["~ ", "██ || ", "██ || "], [" \ ", "██ ", "
74         "],
75         [" ~F", "■ || ", " L "], ["= ", " || ", " L"], ["  ", "
76         ", "=/\ "]
77     ]
78     mapPieces = []
79
80     title = lines[0].split(";")
81     global separator
82     separator = title[1]
83     title = title[0]
84     lines = [""] + lines
85     state = 2
86
87     printedStack = []
88
89     stdscr = curses.initscr()
90     curses.resize_term(30, 97)
91     curses.curs_set(0)
92     stdscr.nodelay(1)
93     curses.init_pair(1, curses.COLOR_BLACK, curses.COLOR_WHITE)
94     curses.init_pair(2, curses.COLOR_WHITE, curses.COLOR_BLUE)
95
96     try:
97         os.system("title Lost In The Woods")
98     except:
99         pass
100
101     while True:
102         stdscr.erase()
103         stdscr.refresh()
104         textpad.rectangle(stdscr, 1, 2, 28, 80)
105         stdscr.addstr(1, 4, title)
106
107         mapDisplay = curses.newwin(10, 13, 2, 83)
108         for i in mapPieces:
109             x = 4*(i % 3)
110             y = 3*math.floor(i / 3)
111             for j in range(3):
112                 mapDisplay.addstr(y+j, x, mapSquares[i][j], curses.color_pair(1))
113         mapDisplay.refresh()
114         if state > len(lines):
115             break
116         if state == 1:
117             printedStack = []
118             mapPieces = []
119             mapDisplay.erase()
120             mapDisplay.refresh()
121             state = 2

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117 line = lines[state]
118 h = 26
119 if line[0] != "#" and line[0] != "@":
120     l = truncate(separator+line)
121     h = 27-len(l)
122 for item in printedStack:
123     scrolling_text(stdscr,item,h,skip=True,pause=False)
124     h -= 1
125     if h < 2:
126         break
127 if line[0] == "#":
128     line = line[1:]
129     line = line.split(";")
130     if "~" in line[0]:
131         options = {}
132         for i in range(len(line)):
133             line[i] = line[i].split("~")
134             options[line[i][1]] = line[i][0]
135         selected = None
136         cursor = 0
137         while selected == None:
138             column = 3+len(separator)
139             for i in range(len(options)):
140                 if i == cursor:
141                     stdscr.addstr(27,column,list(options.keys())
[i],curses.color_pair(1))
142                 else:
143                     stdscr.addstr(27,column,list(options.keys())[i])
144                     column += len(list(options.keys())[i])
145                     if i != len(options)-1:
146                         stdscr.addstr(27,column," OR ")
147                         column += 4
148             while True:
149                 key = stdscr.getch()
150                 if key == -1:#no key
151                     pass
152                 elif key == 10:#KEY_ENTER
153                     selected = list(options.keys())[cursor]
154                     break
155                 elif key == curses.KEY_RIGHT:
156                     cursor = (cursor + 1)%len(options)
157                     break
158                 elif key == curses.KEY_LEFT:
159                     cursor = (cursor - 1)%len(options)
160                     break
161                 elif key == curses.KEY_RESIZE:
162                     curses.resize_term(30,97)
163             state = int(options[selected])
164         else:
165             state = int(line[0])
166 elif line[0] == "@":
167     index = int(line[1:])
168     mapPieces.append(index)
169     state += 1
170 else:
171     for n in range(len(l)):
172         if n == len(l)-1:
173             scrolling_text(stdscr, l[n], 28+n-len(l))
174         else:
175             scrolling_text(stdscr, l[n], 28+n-len(l),pause=False)

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176         if len(l) > 1:
177             for x in l:
178                 printedStack = [x]+printedStack
179         else:
180             printedStack = l+printedStack
181         state += 1
182
183 curses.wrapper(main)
184
```