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1: # Brygg Ullmer, Clemson University
2: # Begun 2022-11-01
3: # Content engaging https://github.com/DataKind-DC/homelessness-service-navigator
4:
5: import tkinter as tk
6: from PIL import Image, ImageTk
7: from enoDomHomelessness import *
8:
9: class enoUiHomelessnessTk:
10:
11:     edh          = None    #enoDomHomelessness
12:     tkParent     = None    #tk parent
13:     tkFrame      = None
14:     tkButtons    = None
15:
16:     imageHandles = None
17:
18:     ##### constructor #####
19:
20:     def __init__(self, tkParent):
21:         self.edh = enoDomHomelessness()
22:         self.buildUI(tkParent)
23:
24:     ##### build UI #####
25:
26:     def buildUI(self, tkParent):
27:         self.tkParent = tkParent
28:         self.tkFrame = tk.Frame(tkParent, bg="#44AB9D")
29:         self.tkButtons = {}; self.imageHandles = {}
30:
31:         categories = self.edh.getCategories()
32:         for category in categories:
33:             imgFn1 = self.edh.getImageFn(category)
34:             imgFn2 = "images/%s.png" % imgFn1
35:             img = ImageTk.PhotoImage(file=imgFn2)
36:             self.imageHandles[category] = img #amazing; this line necessary, per atlasol
ogist reference here
37:             # https://stackoverflow.com/questions/22200003/tkinter-button-not-showing-im
age
38:
39:             b = tk.Button(self.tkFrame, image=img, bg="#44AB9D", borderwidth=0) #no butt
on border
40:             #b.pack(expand=True, fill="x", anchor="w") #this centers the images, which i
sn't my preference
41:             b.pack(expand=True, anchor="w")
42:             self.tkFrame.pack()
43:
44:     ##### main #####
45: if __name__ == '__main__':
46:     top = tk.Tk()
47:     enoUiH = enoUiHomelessnessTk(top)
48:     top.mainloop()
49:
50: ### end ###
```