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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 yaml
6:
7: class enoDomHomelessness:
8:
9:     yamlFn = "homelessness/dkdc01.yaml"
10:
11:     yamlD      = None
12:     imagePath  = None
13:     yOffset    = None #placeholder assignments until read in or assigned
14:     xOffset    = None
15:     categories  = None
16:     descriptions = None
17:
18:     ##### constructor #####
19:
20:     def __init__(self):
21:         self.readYaml()
22:
23:     ##### read YAML #####
24:
25:     def readYaml(self):
26:         try:
27:             yf = open(self.yamlFn) #open yamlFn filename for reading
28:             yd = self.yamlD = yaml.safe_load(yf) #load and parse YAML content
29:
30:             self.xOffset = yd['positions']['xOffset']
31:             self.yOffset = yd['positions']['yOffset']
32:             self.imagePath = yd['paths']['images']
33:
34:             self.categories = yd['categories']
35:             self.descriptions = yd['descriptions']
36:
37:         except: print("Problem in enoDomHomelessness:readYaml")
38:
39:     ##### get categories #####
40:
41:     def getCategories(self): return self.categories
42:
43:     ##### get Image Filename #####
44:
45:     def getImageFn(self, category):
46:         descr = self.getDescr(category)
47:         iconN = descr['icon']
48:         result = "%s/%s" % (self.imagePath, iconN)
49:         return result
50:
51:     ##### get description #####
52:
53:     def getDescr(self, category):
54:         if category in self.descriptions:
55:             return self.descriptions[category]
56:         return None
57:
58:     ##### main #####
59: if __name__ == '__main__':
60:     edh = enoDomHomelessness()
61:     print(edh.getCategories())
62:
63: ### end ###
64:
```