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1 #open_load_dialog.py
2
3 from PyQt5.QtWidgets import QDialog
4 from ui_py.ui_loaddialog import Ui_LoadDialog
5
6 from dialogs.saved_values_paths import SavedValuesConstants
7 from dialogs.settings_loader_and_saver import SettingsLoaderAndSaver
8 from dialogs.saving_dialogs_helper_functions import (
9     load_value_and_initialize_field,
10    start_file_dialog,
11 )
12 import os
13
14
15 class OpenLoadDialog(QDialog):
16     def __init__(self):
17         super(OpenLoadDialog, self).__init__()
18         self.ui = Ui_LoadDialog()
19         self.ui.setupUi(self)
20
21         self.settings_loader =
SettingsLoaderAndSaver(SavedValuesConstants.LoaderDialog.SETTING_NAME)
22
23         self.__initialize_fields_and_values()
24
25     def __initialize_fields_and_values(self):
26
27         load_value_and_initialize_field(
28 self.settings_loader.read(SavedValuesConstants.LoaderDialog.REPLACE_IMAGE_PATH),
29         self.ui.replace_image_line_edit,
30         self.ui.select_replace_image_button.pressed,
31         self.on_select_replace_image_button_down,
32     )
33         load_value_and_initialize_field(
34 self.settings_loader.read(SavedValuesConstants.LoaderDialog.ORIGINAL_PICTURE_PATH),
35         self.ui.original_picture_line_edit,
36         self.ui.select_original_picture_button.pressed,
37         self.on_select_original_picture_button_down,
38     )
39         load_value_and_initialize_field(
40 self.settings_loader.read(SavedValuesConstants.LoaderDialog.ORIGINAL_VIDEO_PATH),
41         self.ui.original_video_line_edit,
42         self.ui.select_original_video_button.pressed,
43         self.on_select_original_video_button_down,
44     )
45
46     def on_select_replace_image_button_down(self):
47         start_file_dialog(
48             self,
49             "Open replace image file",
50             "/home",
51             self.replace_image_file_path(),
52             "Image Files (*.png *.jpg *.bmp)",
53             self.ui.replace_image_line_edit,
54         )
55
56     def on_select_original_picture_button_down(self):
57         start_file_dialog(

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58         self,
59         "Open original picture file",
60         "/home",
61         self.original_picture_file_path(),
62         "Image Files (*.png *.jpg *.bmp)",
63         self.ui.original_picture_line_edit,
64     )
65
66     def on_select_original_video_button_down(self):
67         start_file_dialog(
68             self,
69             "Open original video file",
70             "/home",
71             self.original_picture_file_path(),
72             "Video files (*.mp4 *.m4v *.mov)",
73             self.ui.original_video_line_edit,
74         )
75
76     def replace_image_file_path(self):
77         return self.ui.replace_image_line_edit.text()
78
79     def original_picture_file_path(self):
80         return self.ui.original_picture_line_edit.text()
81
82     def original_video_file_path(self):
83         return self.ui.original_video_line_edit.text()
84
85     def save_values(self):
86         self.settings_loader.write(
87             SavedValuesConstants.LoaderDialog.REPLACE_IMAGE_PATH,
88             self.replace_image_file_path(),
89         )
90         self.settings_loader.write(
91             SavedValuesConstants.LoaderDialog.ORIGINAL_PICTURE_PATH,
92             self.original_picture_file_path(),
93         )
94         self.settings_loader.write(
95             SavedValuesConstants.LoaderDialog.ORIGINAL_VIDEO_PATH,
96             self.original_video_file_path(),
97         )
98
99     def exec_(self):
100         if not super(OpenLoadDialog, self).exec_():
101             return False
102
103         self.save_values()
104         return True

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