Swepy diagram

20/12/2021 12:21

App

+path

+load_file()
+reset(path)

Controller

+get_dicom_data()
+get_swe_array(swe_fhz)
+analyse()

NoteBook

MenuBar

+path

+select_file()

Data

+path
+img_name
+ds
+img_array
+top_fov
+swe
+bot_fov
+swe_array
+roi_coords
+top_fov_coords
+bmode_fhz
+swe_fhz
+max_scale
+results

+get_img_name()
+define_rois()
+get_roi_coord()
+load_dicom()
+resample()
+get_rois()
+remove_voids()
+get_colour_scale()
+analyse_roi()
+gen_results()

View

+ds
+img_array
+img_name

+set_controller()
+reset_rois()
+analyse()
+get_usr_entry()
+get_swe_frames()
+update_dcm_info()
+activate_arrowkeys()
+set_img_name()
+load_file()

Output

+results

+add_scrollbars()
+add_to_file_list()
+file_selected()
+clear_output()

---

tk_Menu

ImgPanel

+n_frames
+roi_coords
+fov_coords
+current_array
+img
+img_name

+activate_draw()
+activate_slider()
+isin_fov()
+set_rois()
+draw_rois()
+del_rois()
+on_button_press()
+on_move_press()
+on_button_release()

TopPanel

LeftPanel

+usr_params

FilesPanel

SaveFrame

+export_to()

FigPanel

+change_variable()
+change_plot()
+replot_data()

---

tk_Canvas

DisplayControls

+current_frame

+update_slider()
+toggle_play_pause()
+play_video()
+update_frame()
+left_key()
+right_key()