

כסא-אלהות כסא-אלהות

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Documentation v1.0 (9/24/2019)

(V3.0)

Program Components

- “*COMMS_Packet.py*”: Packet module for communicating with the Arduino devices.
- “*objColorChannel.py*”: Object that encapsulates all properties of an RGB lamp channel.
- “*objCOMMSManager.py*”: Serial COMMunicationS (COMMS) Manager.
- “*objDesktop.py*”: Main container for all GUI components/sections.
- “*objDevice.py*”: Module to represent an Arduino device controlled by this system.
- “*objDeviceSection.py*”: GUI object to encapsulate all channels for a given system device.
- “*objImage.py*”: Wrapper object to simplify handling any displayed images.
- “*objPopup.py*”: Object used for system-level notifications (connecting devices, etc).
- “*objScreenManager.py*”: Graphical display management module.
- “*objStatusBar.py*”: Status area, housing input indication icons and a system console display.
- “*UIE_Base.py*”: Base module inherited by every UI Element (UIE).
- “*UIE_Button.py*”: Standard UI button.
- “*UIE_Checkbox.py*”: Standard UI checkbox. (Not currently used)
- “*UIE_ColorWheel.py*”: Color selection wheel, used for configuring lamp channels.
- “*UIE_SideMenu.py*”: Right-oriented menu, generally for COMMS functions.
- “*UIE_Slider.py*”: Standard UI slider/scrollbar.
- “*UIE_UpDown.py*”: Numerical value selection element. (Not currently used)
- “*vkos_cc.py*”: ***Program Entry Point.***
- “*VKOS_Constants.py*”: Constants used by the COMMS Manager and all Arduino devices.
- “*vkos_globals.py*”: Globally-accessible constants, variables and (some) class modules.

Engine Workflow

[Legend]

→ Direct controller

↔ Bi-Directional Control

