std::enable_shared from this < GUII >

GUII

- + virtual std::unique _ptr< CommandI > Update (std::shared_ptr< CommandFactory I > command_factory)=0
- + virtual bool ShouldClose()=0
- + virtual void OpenChoiceDialog (DialogMessage dialogMessage, std::vector< std::pair< std ::string, bool > > &choices)=0
- virtual void SetPreventInput Flag(bool set)=0
- + virtual std::unique lock < std::mutex > LockMutex()=0
- # virtual void Initialize (const std::string &windowName,
- std::shared_ptr< SDFormatParserl > sdformat_parser, bool &success)=0

GUI

- std::shared_ptr< Command Factory > command_factory
- std::atomic< bool > prevent_input_flag
- GLFWwindow * window
- ImGuilO * io
- std::shared_ptr< SDFormat Parserl > sdformat parser
- sdf::ElementPtr element _to_append_to
- ImVec4 background_colour
- std::mutex gui_mutex
 - sdf::ParamPtr attribute _to_edit
- sdf::ElementPtr element
- _to_edit + GUI(const std::string
- &window_name, std::shared

+ void OpenChoiceDialog

- _ptr< SDFormatParserl > sdformat _parser, bool &success)
- + ~GUI()
- (DialogMessage dialogMessage, std::vector< std::pair< std ::string, bool > > &choices)
 - override void Initialize(const
- std::string &window name, std::shared_ptr < SDFormatParserl > sdformat
- _parser, bool &success) override bool ShouldClose() override
- std::unique_ptr< Command I > Update(std::shared
- CommandFactor command_factory) override
- void SetPreventInputFlag (bool set) override
- void DisplaySDFRootElement (std::unique_ptr< CommandI
- &command, std::shared ptr < SDFormatParserl > sdformat parser, std::shared ptr < CommandFactory
- \overline{l} > command_factory)
- bool SetupNewFrame()

void DrawCoreFrame

- (std::unique_ptr< CommandI > &command, std::shared _ptr< CommandFactoryI > command _factory)
 - void CreateAppendElement Dropdown(sdf::ElementPtr element, std::unique_ptr
 - < Commandl > &command, std ::shared_ptr< CommandFactorvI > command_factory, int &unique_id)
- void CreateDropdown (const std::vector<
- std::string > &items, const std::vector< std ::string > &item_descriptions,
- int &selected_item, int &unique_id) std::unique lock< std
- override static void GLFWErrorCallback (int error, const char *description)

::mutex > LockMutex()