AddElementCommand

- std::shared ptr< GUII > gui
- std::shared ptr< SDFormat Parserl > sdformatParser
- sdf::ElementPtr parent element
- sdf::ElementPtr new element
- bool is currently undoable
- bool is currently redoable
- + AddElementCommand (std::shared ptr< GUII > qui, std::shared ptr < SDFormatParserI > sdformatParser, sdf::ElementPtr parent element, sdf::ElementPtr new element)
- bool Execute() override
- bool ExecuteUndo() override
- bool ExecuteRedo() override
- bool IsUndoable() override
- bool IsRedoable() override
- bool IsThreaded() override
- bool ChangesProgramState Irreversibly() override

- std::shared ptr< GUII > qui
- std::shared_ptr< SDFormat Parserl > sdformatParser
- sdf::ElementPtr element to delete
- sdf::ElementPtr element to deletes parent
- bool is currently undoable
- bool is currently redoable
- + DeleteElementCommand (std::shared ptr< GUII > qui, std::shared ptr < SDFormatParserI > sdformatParser, sdf::ElementPtr element to delete)
- bool Execute() override
- override
- bool ExecuteRedo() override
- bool IsUndoable() override
- bool IsRedoable() override
- bool IsThreaded() override
- Irreversibly() override

DeleteElementCommand

- bool ExecuteUndo()
- bool ChangesProgramState

GenericCommand

Commandl

+ virtual bool Execute()=0 + virtual bool ExecuteUndo()=0 + virtual bool ExecuteRedo()=0 + virtual bool IsUndoable()=0 + virtual bool IsRedoable()=0 + virtual bool IsThreaded()=0 virtual bool ChangesProgram

StateIrreversibly()=0

- std::function< void ()> function handle
- + GenericCommand(std ::function< void()> function handle)
- bool Execute() override
- bool ExecuteUndo() override
- bool ExecuteRedo() override
- bool IsUndoable() override
- bool IsRedoable() override
- bool IsThreaded() override
- bool ChangesProgramState Irreversibly() override

OpenFileCommand

- std::string file path
- std::shared ptr< GUII > gui
- std::shared ptr< SDFormat Parserl > sdformatParser
- + OpenFileCommand(std ::shared ptr< GUII > gui, std::shared ptr < SDFormatParserl > sdformatParser)
- bool Execute() override
- bool ExecuteUndo() override
- bool ExecuteRedo() override
- bool IsUndoable() override
- bool IsRedoable() override
- bool IsThreaded() override
- bool ChangesProgramState Irreversibly() override

SaveFileCommand

- std::shared ptr< GUII > aui
- std::shared ptr< SDFormat Parserl > sdformatParser
- + SaveFileCommand(std ::shared ptr< GUII > gui, std::shared ptr < SDFormatParserl > sdformatParser)
- bool Execute()
- bool ExecuteUndo() override
- bool ExecuteRedo() override
- bool IsUndoable() override
- bool IsRedoable() override
- bool IsThreaded() override
- bool ChangesProgramState Irreversibly() override