## Commandl

- + virtual bool Execute()=0
- + virtual bool ExecuteUndo()=0
- + virtual bool ExecuteRedo()=0
- + virtual bool IsUndoable()=0
- + virtual bool IsRedoable()=0
- + virtual bool IsThreaded (bool &prevent user input)=0
- + virtual bool ChangesProgram StateIrreversibly()=0



## **OpenFileCommand**

- std::string file\_path
- std::shared\_ptr< GUII
  - > gui
  - std::shared\_ptr< SDFormat
    Parserl > sdformatParser
- + OpenFileCommand(std ::shared\_ptr< GUII >
  - qui, std::shared ptr
  - < SDFormatParserl > sdformatParser, std::string file path)
- bool Execute() override
- bool ExecuteUndo()
   override
- bool ExecuteRedo() override
- bool IsUndoable() override
- bool IsRedoable() override
- bool IsThreaded(bool &prevent user input)

override

 bool ChangesProgramState Irreversibly() override