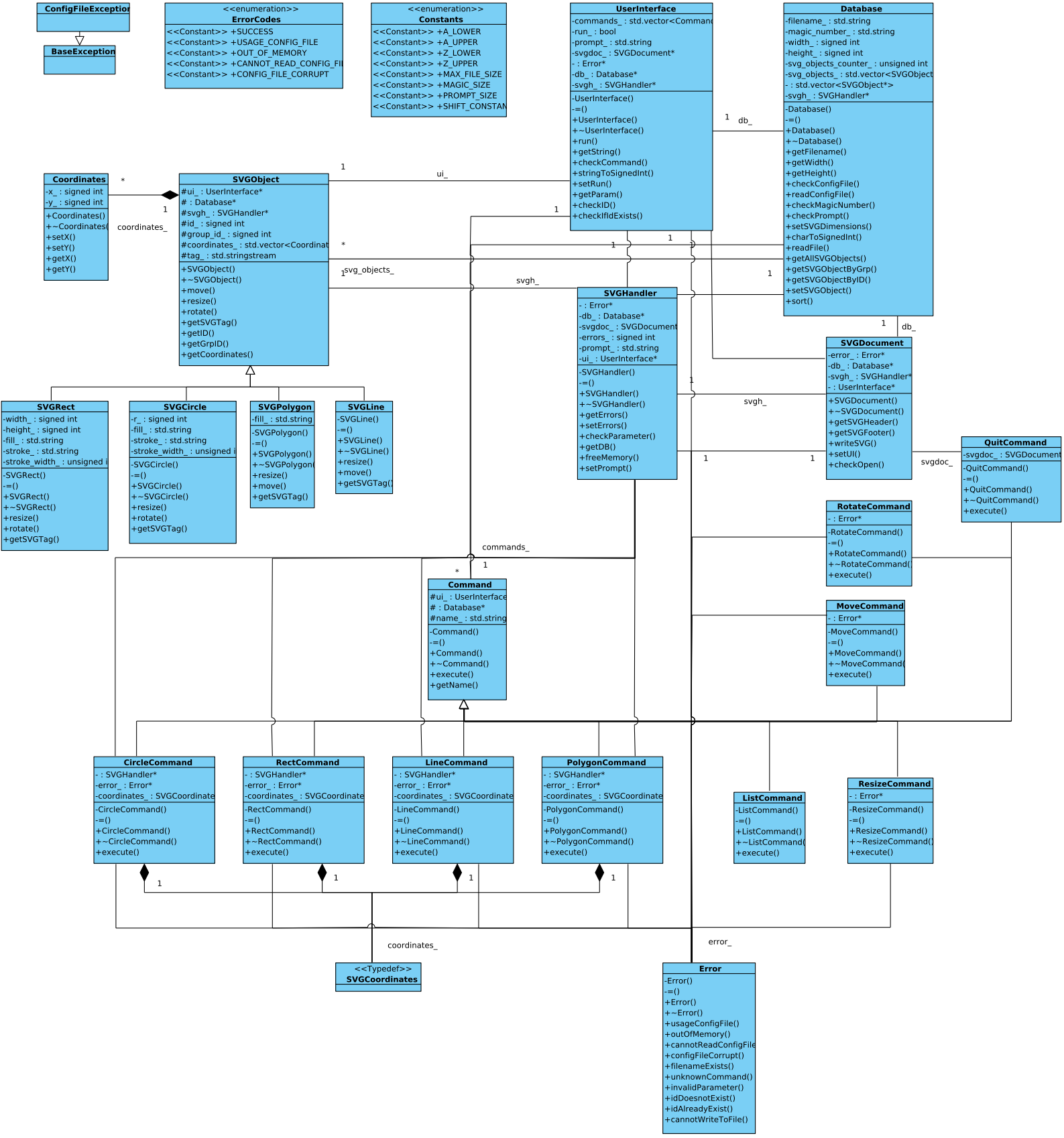
ConfigFileException
BaseException
<<enumeration>>
ErrorCodes
<<Constant>> +SUCCESS
<<Constant>> +USAGE_CONFIG_FILE
<<Constant>> +OUT_OF_MEMORY
<<Constant>> +CANNOT_READ_CONFIG_FI
<<Constant>> +CONFIG_FILE_CORRUPT
<<enumeration>>
Constants
<<Constant>> +A_LOWER
<<Constant>> +A_UPPER
<<Constant>> +Z_LOWER
<<Constant>> +Z_UPPER
<<Constant>> +MAX_FILE_SIZE
<<Constant>> +MAGIC_SIZE
<<Constant>> +PROMPT_SIZE
<<Constant>> +SHIFT_CONSTAN
UserInterface
-commands_ : std.vector<Commanc
-run_ : bool
-prompt_ : std.string
-svgdoc_ : SVGDocument*
- : Error*
-db_ : Database*
-svgh_ : SVGHandler*
-UserInterface()
-=()
+UserInterface()
+~UserInterface()
+run()
+getString()
+checkCommand()
+stringToSignedInt()
+setRun()
+getParam()
+checkID()
+checkIfidExists()
Database
-filename_ : std.string
-magic_number_ : std.string
-width_ : signed int
-height_ : signed int
-svg_objects_counter_ : unsigned int
-svg_objects_ : std.vector<SVGObject
- : std.vector<SVGObject*>
-svgh_ : SVGHandler*
-Database()
-=()
+Database()
+~Database()
+getFilename()
+getWidth()
+getHeight()
+checkConfigFile()
+readConfigFile()
+checkMagicNumber()
+checkPrompt()
+setSVGDimensions()
+charToSignedInt()
+readFile()
+getAllSVGObjects()
+getSVGObjectByGrp()
+getSVGObjectByID()
+setSVGObject()
+sort()
Coordinates
-x_ : signed int
-y_ : signed int
+Coordinates()
+~Coordinates(
+setX()
+setY()
+getX()
+getY()
SVGObject
#ui_ : UserInterface*
: Database*
#svgh_ : SVGHandler*
#id_ : signed int
#group_id_ : signed int
#coordinates_ : std.vector<Coordinat
#tag_ : std.stringstream
+SVGObject()
+~SVGObject()
+move()
+resize()
+rotate()
+getSVGTag()
+getID()
+getGrpID()
+getCoordinates()
SVGHandler
- : Error*
-db_ : Database*
-svgdoc_ : SVGDocument
-errors_ : signed int
-prompt_ : std.string
-ui_ : UserInterface*
-SVGHandler()
-=()
+SVGHandler()
+~SVGHandler()
+getErrors()
+setErrors()
+checkParameter()
+getDB()
+freeMemory()
+setPrompt()
SVGDocument
-error_ : Error*
-db_ : Database*
-svgh_ : SVGHandler*
- : UserInterface*
+SVGDocument()
+~SVGDocument()
+getSVGHeader()
+getSVGFooter()
+writeSVG()
+setUI()
+checkOpen()
QuitCommand
-svgdoc_ : SVGDocument
-QuitCommand()
-=()
+QuitCommand()
+~QuitCommand()
+execute()
SVGRect
-width_ : signed int
-height_ : signed int
-fill_ : std.string
-stroke_ : std.string
-stroke_width_ : unsigned i
-SVGRect()
-=()
+SVGRect()
+~SVGRect()
+resize()
+rotate()
+getSVGTag()
SVGCircle
-r_ : signed int
-fill_ : std.string
-stroke_ : std.string
-stroke_width_ : unsigned i
-SVGCircle()
-=()
+SVGCircle()
+~SVGCircle()
+resize()
+rotate()
+getSVGTag()
SVGPolygon
-fill_ : std.string
-SVGPolygon()
-=()
+SVGPolygon()
+~SVGPolygon(
+resize()
+move()
+getSVGTag()
SVGLine
-SVGLine()
-=()
+SVGLine()
+~SVGLine()
+resize()
+move()
+getSVGTag()
RotateCommand
- : Error*
-RotateCommand()
-=()
+RotateCommand()
+~RotateCommand(
+execute()
Command
#ui_ : UserInterface
: Database*
#name_ : std.string
-Command()
-=()
+Command()
+~Command()
+execute()
+getName()
MoveCommand
- : Error*
-MoveCommand()
-=()
+MoveCommand()
+~MoveCommand(
+execute()
CircleCommand
- : SVGHandler*
-error_ : Error*
-coordinates_ : SVGCoordinate
-CircleCommand()
-=()
+CircleCommand()
+~CircleCommand()
+execute()
RectCommand
- : SVGHandler*
-error_ : Error*
-coordinates_ : SVGCoordinate
-RectCommand()
-=()
+RectCommand()
+~RectCommand()
+execute()
LineCommand
- : SVGHandler*
-error_ : Error*
-coordinates_ : SVGCoordinate
-LineCommand()
-=()
+LineCommand()
+~LineCommand()
+execute()
PolygonCommand
- : SVGHandler*
-error_ : Error*
-coordinates_ : SVGCoordinate
-PolygonCommand()
-=()
+PolygonCommand()
+~PolygonCommand()
+execute()
ListCommand
-ListCommand()
-=()
+ListCommand()
+~ListCommand(
+execute()
ResizeCommand
- : Error*
-ResizeCommand()
-=()
+ResizeCommand()
+~ResizeCommand()
+execute()
<<Typedef>>
SVGCoordinates
Error
-Error()
-=()
+Error()
+~Error()
+usageConfigFile()
+outOfMemory()
+cannotReadConfigFile
+configFileCorrupt()
+filenameExists()
+unknownCommand()
+invalidParameter()
+idDoesnotExist()
+idAlreadyExist()
+cannotWriteToFile()
ui_
db_
coordinates_
svg_objects_
svgh_
svgdoc_
commands_
coordinates_
error_
1
*