

## km::ConfigReader

- double first\_level\_compression\_color
- double second\_level\_compression\_color
- double third\_level\_compression\_color
- double fourth\_level\_compression\_color
- double fifth\_level\_compression\_color
- double resizing\_factor
- int color\_choice
- int compression\_choice
- std::filesystem::path inputImagePath
- std::regex pattern
- std::unordered\_set < std::string > requiredVariables
- + auto getFirstLevelCompressionColor() const -> double
- + auto getSecondLevelCompressionColor() const -> double
- + auto getThirdLevelCompressionColor() const -> double
- + auto getFourthLevelCompressionColor() const -> double
- + auto getFifthLevelCompressionColor() const -> double
- + auto getColorChoice() const -> int
- + auto getCompressionChoice() const -> int
- + auto getInputImagePath() const -> std::filesystem::path
- + auto getResizingFactor() const -> double
- + auto readConfigFile() -> bool
- + ConfigReader()
- auto checkVariableExists(const std::string &variableName) const -> bool