

Hi,

I played around with clang-tidy and tried running it on TheIDE. I'm attaching a configuration file with the checks commented out so that the compilation can be run without warnings. You can find checks description at Clang-Tidy Checks documentation page.

What do you think, are some of them worth looking at and fixing?

BR, Radek

Checks: '-*,
bugprone-*,
-bugprone-branch-clone,
-bugprone-copy-constructor-init,
-bugprone-easily-swappable-parameters,
-bugprone-implicit-widening-of-multiplication-result,
-bugprone-incorrect-roundings,
-bugprone-integer-division,
-bugprone-macro-parentheses,
-bugprone-misplaced-widening-cast,
-bugprone-move-forwarding-reference,
-bugprone-narrowing-conversions,
-bugprone-parent-virtual-call,
-bugprone-reserved-identifier,
-bugprone-signed-char-misuse,
-bugprone-sizeof-expression,
-bugprone-suspicious-include,
-bugprone-suspicious-string-compare,
-bugprone-undefined-memory-manipulation,
-bugprone-unhandled-self-assignment,
-bugprone-virtual-near-miss,
cert-*,
-cert-dcl37-c,
-cert-dcl21-cpp,
-cert-dcl50-cpp,
-cert-dcl51-cpp,
-cert-env33-c,
-cert-err34-c,
-cert-err09-cpp,
-cert-err52-cpp,
-cert-err58-cpp,
-cert-err61-cpp,

-cert-msc30-c,
-cert-msc50-cpp,
-cert-oop54-cpp,
-cert-str34-c,
clang-analyzer-*,
-clang-analyzer-cplusplus.NewDeleteLeaks,
-clang-analyzer-core.CallAndMessage,
-clang-analyzer-core.DivideZero,
-clang-analyzer-core.NonNullParamChecker,
-clang-analyzer-core.NullDereference,
-clang-analyzer-core.uninitialized.Assign,
-clang-analyzer-core.uninitialized.Branch,
-clang-analyzer-core.uninitialized.UndefReturn,
-clang-analyzer-core.UndefinedBinaryOperatorResult,
-clang-analyzer-deadcode.DeadStores,
-clang-analyzer-optin.cplusplus.UninitializedObject,
-clang-analyzer-optin.cplusplus.VirtualCall,
-clang-analyzer-optin.performance.Padding,
-clang-analyzer-cplusplus.NewDelete,
-clang-analyzer-cplusplus.PlacementNew,
-clang-analyzer-security.insecureAPI.DeprecatedOrUnsafeBufferHandling,
-clang-analyzer-security.insecureAPI.strcpy,
clang-diagnostic-*,
concurrency-*,
-concurrency-mt-unsafe,
cppcoreguidelines-*,
-cppcoreguidelines-avoid-c-arrays,
-cppcoreguidelines-avoid-goto,
-cppcoreguidelines-avoid-magic-numbers,
-cppcoreguidelines-avoid-non-const-global-variables,
-cppcoreguidelines-c-copy-assignment-signature,
-cppcoreguidelines-explicit-virtual-functions,
-cppcoreguidelines-init-variables,
-cppcoreguidelines-interfaces-global-init,
-cppcoreguidelines-macro-usage,
-cppcoreguidelines-narrowing-conversions,
-cppcoreguidelines-no-malloc,
-cppcoreguidelines-non-private-member-variables-in-classes,
-cppcoreguidelines-owning-memory,
-cppcoreguidelines-prefer-member-initializer,
-cppcoreguidelines-pro-bounds-array-to-pointer-decay,
-cppcoreguidelines-pro-bounds-constant-array-index,
-cppcoreguidelines-pro-bounds-pointer-arithmetic,
-cppcoreguidelines-pro-type-const-cast,
-cppcoreguidelines-pro-type-cstyle-cast,
-cppcoreguidelines-pro-type-member-init,
-cppcoreguidelines-pro-type-reinterpret-cast,
-cppcoreguidelines-pro-type-static-cast-downcast,

- cppcoreguidelines-pro-type-union-access,
- cppcoreguidelines-pro-type-vararg,
- cppcoreguidelines-slicing,
- cppcoreguidelines-special-member-functions,
- misc-*,
- misc-definitions-in-headers,
- misc-no-recursion,
- misc-non-private-member-variables-in-classes,
- misc-redundant-expression,
- misc-throw-by-value-catch-by-reference,
- misc-unconventional-assign-operator,
- misc-unused-parameters,
- modernize-*,
- modernize-avoid-c-arrays,
- modernize-deprecated-headers,
- modernize-loop-convert,
- modernize-pass-by-value,
- modernize-raw-string-literal,
- modernize-redundant-void-arg,
- modernize-return-braced-init-list,
- modernize-use-auto,
- modernize-use-bool-literals,
- modernize-use-default-member-init,
- modernize-use-equals-default,
- modernize-use-equals-delete,
- modernize-use-nullptr,
- modernize-use-override,
- modernize-use-transparent-functors,
- modernize-use-using,
- modernize-use-trailing-return-type,
- performance-*,
- performance-for-range-copy,
- performance-no-int-to-ptr,
- performance-noexcept-move-constructor,
- performance-unnecessary-copy-initialization,
- performance-unnecessary-value-param,
- portability-*,
- portability-simd-intrinsics,
- readability-*,
- readability-convert-member-functions-to-static,
- readability-uppercase-literal-suffix,
- readability-braces-around-statements'

WarningsAsErrors: "

HeaderFilterRegex: '.*\.(h|hpp)\$'

AnalyzeTemporaryDtors: false

FormatStyle: none
