

Bug Hunter

An advanced static analysis suite designed to uncover complex and elusive bugs that require extensive time and disk space to detect.

With a comprehensive collection of specialized checks, CodeCheck employs sophisticated algorithms and exhaustive analysis techniques to identify hard-to-find bugs within your codebase.

Bug Hunter's strength lies in its unwavering dedication to thoroughness, meticulously exploring every possible execution path and evaluating complex control and data flow scenarios. This comprehensive approach ensures the detection of bugs that often elude conventional analysis tools.

For extra accuracy, make sure to enable the AST Cache under Project - Configure Project - C++

Checks

Check ID	Check Name	Supported Severity	
CPP_SA_DANGLING_POINTERS	Dangling Pointer	Yes	High
CPP_SA_DIV_ZERO	Division by Zero	Yes	High
CPP_SA_LEAKS	Memory Leak	Yes	High
CPP_SA_NULL_PTR	Null Pointer Dereference	Yes	High
CPP_SA_STACK_ADDRESS_ESCAPE	Stack Address Escape	Yes	High
CPP_SA_UNDEFINED_CALL	Undefined Call	Yes	High
CPP_SA_UNINITIALIZED	Uninitialized Value	Yes	High
CPP_SA_VIRTUAL_CALLS	Virtual Call	Yes	High