

Intel® Inspector vs Fornux C++ Superset Comparison Matrix

	Intel® Inspector	Fornux C++ Superset
Supported Platforms	Windows; Linux	All platforms (Linux, Windows, MacOS, Embedded Devices, ...)
Supported Compilers	Intel® C++ Compilers; Visual Studio C++; GNU GCC	All public and proprietary compilers supporting C++17
Runtime Memory Debugging	Corrupted heap and stack memory	Impossible to corrupt the heap and the stack
	Use of uninitialized variables and objects	Throws an exception with stacktrace
	Array and string bounds errors on heap and stack	Throws an exception with stacktrace
	Use of dangling, NULL, and uninitialized pointers	Throws an exception with stacktrace
	All types of memory allocation and free errors or mismatches	All fixed at compile-time
	All types of memory leaks	All fixed at compile-time
	Type mismatches in global declarations, pointers, and function calls	All fixed at compile-time