

Writing Reliable Code with MISRA C

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Abstract text C is the most widely used language for embedded software development. Although it is compact, efficient, expressive and powerful, some features of the language can be used in ways that result in unsafe code. The Motor Industry Software Reliability Association defined MISRA-C - a set of guidelines for using C language to create reliable, safe software. This session illustrates how MISRA-C C may be employed, using examples to show how the guidelines may be applied to any safety-critical software, not just automotive applications.