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definition is as follows- Embedded Software Engineering is the process of controlling various devices and machines that are different from traditional computers, using software engineering. Integrating software engineering with non-computer devices leads to the formation of embedded systems.

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can lead to missed deadlines, poor performing systems and cancelled projects.

Software performance engineering for embedded systems ...

The embedded systems engineer is responsible for the design, development, production, testing, and maintenance of

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- Understand the "big ideas" in embedded systems
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Embedded software is computer

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software, written to control machines or devices that are not typically thought of as computers, commonly known as embedded systems. It is typically specialized for the particular hardware that it runs on and has time and memory constraints. This term is sometimes used interchangeably with firmware.

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Like software engineers, embedded

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engineers code, debug, test and write the corresponding documentation. Unlike software engineers, embedded engineers work largely with hardware, and often need to develop or configure a custom operating system unique to the hardware and memory map of the device. Embedded Engineers must also consider safety.

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