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Assignment 2-3 Journal

* How is non-volatile memory different in an embedded system and a desktop system?

Non-volatile memory is when the computer/device loses power it still keeps it’s information. Desktop systems usually have larger amounts of memory rather than embedded systems but that isn’t always the case. Most small embedded systems don’t actually have any non-volatile memory.

* What are the differences between embedded systems and desktop systems?

Embedded systems are usually created to do one specific thing very well. Computers usually have more options and abilities. For example a Roomba is an example of an embedded system. It’s only job at a high level is to clean the floor. It does that really well and nothing else. Embedded systems by some are called robots for their simple tasks and repetitiveness.

* What are the advantages of various embedded system architectures?

Simply put scalability and reliability. Some architectures have more compatibility with the world over others. Some are also cheaper than others, and some are even easier to build.