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Linux operating system is used in desktop, servers and in embedded system also. In embedded system it is used as Real Time Operating System. There are so many products in the market that use embedded linux. Embedded system requirements are very much different then requirements of desktop system. Desktop PCs are mostly designed around 8086 architecture of microprocessors. But embedded system products can be designed on various of microprocessor architectures like Power, ColdFire, ARM, 8051, PIC, AVR etc. In embedded system memory is limited, hard disk is not present, display screen is small etc.

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KEIL is one of the famous IDE for 8051 development. This IDE is used by professionals and by learners also. This is very simple in use. This article will describe how to install KEIL IDE. Second article will describe how to work with KEIL. KEIL Co. provide evaluation version of their development tool. Anyone can download Evaluation version from their website.

So, let us learn first how to work install and use of KEIL Compiler. This completer article is of two parts ...

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Every student and hobbyist always looks for free software development tools. In Embedded System field we have so many free and open source tools for different microcontrollers. For example he have free tools for ARM, 8051, PIC, POWER (formally PowerPC) etc. In this article we will discuss software development tools for ARM processor family. The tools which we will discuss here are also used professionals.

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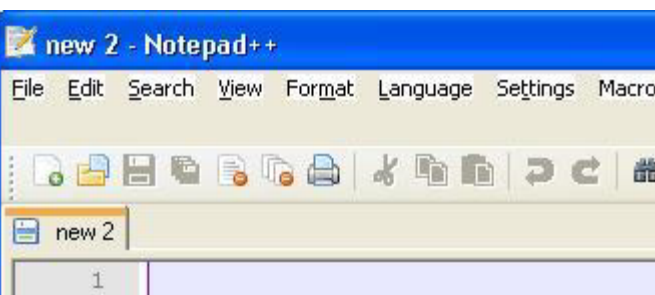


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