

## DRAFT

Abstract: Technology is Evolving. Ancient people used their hands and after they evolved they started to use simple tools, after the industrial revolution those simple tools were converted into machines, then electric motors and vehicles. Then computers. In the modern era, we hand over most of our tasks to computers or software-driven machines.

How we deal with computer software and how we command them. Throughout this paper, I am going to emphasise the approach humans used to communicate with machines.

### Introduction:

Embedded processors are considered hardware components which correspond with a device in order to control its functions. In the earlier days

Let us start with what it means by 'Software Synthesis for Embedded Processers'.

“*Synthesis* is the process of taking a high-level description and turning it into a lower-level description that, in the case of software, can be compiled directly.”[1]

In the '80s graphical representations of electronic circuits were designed by highly skilled draftsmen

In the early stages hardware design was started with hand-drawn graphical representations of the hardware, hand-drawn. Then it can be converted into real components such as printed circuit boards, wires, and semiconductor chips by highly skilled draftsmen. Everything happened manually and when technology evolves this process was automated by schematic-capture tools, automatic netlist generation, and physical layout programs.[1]

### References:

[1]Software Synthesis for Embedded systems,  
[Software synthesis for embedded systems - Embedded.com](https://www.embedded.com/software-synthesis-for-embedded-systems)

