



Analysis of Parsing Techniques & Survey on Compiler Applications

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Abstract - Designed to provide good system programming in semantic and syntactic is the process of compiler design. Any program written in a high level programming language must be translated to object code before going to be executed. Compiler is the need to design and connectivity between the hardware and software process, learning English grammar provides a precise way to specify the syntax and meaning of a language to speak and write proper English. A grammar in compiler is a set rule that specify how sentences can be structured with the terminals, non-terminals and the set of productions. Code generation for embedded processors is the design of efficient compilers for target machines, we describes the application specific features in a compiler and backend design that accommodates these features by means of compiler register allocation and supports the embedded systems and media applications. This analysis presents the techniques of compiler design and also design of network processor and embeds system, compiler not only translates the information can be used for the processor design.

Keywords – Compiler; Parsing; Processor; Networks; Grammars