A Syntax Analyzer Generator

By *Mr. Iew Ayaragarnchanakul

Abstract

A Syntax Analyzer Generator generates a syntax analyzer which can analyze language specified by an LL(1) grammar. The analysis method used employs a form of top-down parsing. Input to the generator consists of an LL(1) grammar which can have action symbols in its production. Action symbol are used for communication with semantic analyzer.

The analyzer is a C language function. It calls another 3 functions, which perform the tasks of lexical analyzer, semantic analyzer and error handler, which must be created by user.

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* Department of Mathematics, Faculty of Science, Prince of Songkla University, HAT YAI campus, Songkhla, Thailand.