

A Natural Language Architecture

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Abstract

Natural languages are the latest generation of programming languages, which require processing real human natural expressions. Over the years, several groups or researchers have been trying to develop widely accepted natural languages based on Artificial Intelligence (AI). But, no true natural language has been developed. The goal of this work is to design a natural language preprocessing architecture that identifies and accepts programming instructions or sentences in their natural forms and generates equivalent codes in the base high-level language. The new programming language platform, called H++, translates and processes real human natural expressions. Using Visual Basic 6.0 as the basic high-level programming language, the implementation resulted in an interactive and easy to use natural language platform.

Keywords

programming language, natural language, artificial intelligence (AI), instructions.