Abstract

The traditional approaches used for the development of expert systems are mainly based on the interaction between the knowledge engineer and domain expert. However, the role of user in development process has been undetermined. This paper represents the problem of the users which are not familiar with compiler, at the time of execution of source code. The source code have specific piece of information code written in a programming language L for which there is an interpreter, compiler, linker and editor. After execution of source code define in any language will provide standard error messages that can not be easily understandable by every users. The actual knowledge based software maintenance system carries out essentially error diagnosis and messages that are not user friendly, so the designed expert system will provide a user friendly help messages for beginners. Domain is specified as error messages of C compiler.

Reference

An Intelligent Approach to Enhance the Help Messages for a Compiler - an Expert System

[4] www.epistemics.co.uk/Notes/63-0-0.htm:Knowledge Acquisition

Index Terms

Computer Science
Artificial Intelligence

Key words

Expert system
knowledge base
knowledge acquisition