

Tracking The Proof and Correctness Between Abstract and Concrete Specification Using Z Language

Prepared by: Ruan Wei Cong

ABSTRACT

Currently, Z language is most popular formal method using to design the huge project or safety critical and security critical project. It tries to validate the correct data step by step, which avoids some human problem in the development of life cycle. Therefore, a high efficiency system can be designed successfully.

During the design of system, most of the component is referring the object-oriented analysis or object-oriented design with java language. It catches the data through the data pattern, and tracks the proof and correctness. From the results of evaluation, the author's system can arrive at this goal, it provide a correct schema for the designer or learner.