Validation Process

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ABSTRACT

The growing diffusion of Knowledge Based Systems (KBS’s) demands each time greater degrees of security in the development and later use of this kind of system. Validation is the task in charge of assuring all these things. Nevertheless, there is not yet a common terminology in this field. Achieving this goal would be a big step towards the development of much better systems. This paper proposes a definition for all the situations and events that can cause a system malfunction; what we call Validation Problems. Afterwards, a classification of these problems is established and a dependencies net is created. This net will fix the problem solving order, and it will define a validation meta-tool which integrates each one of the tools which solve the individual problems.

Key Words: KBS, Validation Problems, Terminology, Classification

INTRODUCTION

No one doubts about the great importance that Knowledge Based Systems (KBS) have acquired because of its wide dissemination. The growing use of this kind of systems in different areas demands major degrees of reliability. To reach this goal, a key activity arises in the development and later application of all kind of Computer Systems to get better quality products. The generic name of this activity is Validation.
References


