Abstract

The paper presents a novel technique to create the test cases from UML models. In this technique, the UML diagrams such as Use Case Diagram, Class Diagram & Sequence Diagram of any application are considered for creating the test cases. A graph is created to store the necessary information that can be extracted from these diagrams & data dictionary expressed in OCL for the same application. The graph is then scanned to generate the test cases that are
suitable for system testing.

Reference

- Peter Frohlick and Johannes Link, “Automated Test Case Generation from Dynamic Models”
- Object Constraint Language 2.0 is available from Object Mangement Group’s web site (http://www.omg.org/)
- http://www.w3schools.com/dom/dom_node.asp

Index Terms

Computer Science Wireless

Key words

Testcases UML Diagrams

OCL expressions