

ABSTRACT

METHOD AND SYSTEM FOR AUTOMATED USER INTERFACE (UI) TESTING THROUGH MODEL DRIVEN TECHNIQUES

A method and system for automated UI testing through model driven techniques where the UI test case model is generated based on the selected UI model content. The system selects the UI model corresponding to which test case model is created and populated into a test case editor using a test case model creation module. In one embodiment, the test case model before being populated into the test case editor is created as a sequence of UI Actions based on a structure pattern of the selected UI model. In another embodiment, the test case editor displays and edits the test case model. A validation module, based on rules and constraints then validates the test case model against the corresponding UI model. Thereafter, a script generation module generates a test case script from the test case model for the selected UI model.

[To be published with Fig. 2]