A METHODOLOGY FOR INTEGRATING LEGACY SYSTEMS WITH THE CLIENT/SERVER ENVIRONMENT

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Abstract

The research is conducted in the area of software methodologies with the emphasis on the integration of legacy systems with client/server environments. The investigation starts with identifying the characteristics of legacy systems in order to determine the features and technical characteristics required of the generic integration methodology. A number of methodologies are evaluated with respect to their features and technical characteristics in order to derive a synthesis for a generic methodology. This revised spiral model (Boehm, 1986; Du Plessis & Van der Walt, 1992) is customised to arrive at a software process model which provides a framework for the integration of legacy systems with client/server environments.