Abstract

The Software AG Product Suite goes through a rigorous testing and quality analysis process before being put out to production. This includes synchronizing the individual product builds across different servers spread all over the world, and integrating for testing. This integrated Suite is tested and promoted for production if it meets the QA standards. If the Suite fails to meet the standards, the build and test process is repeated. The whole system currently needs to be manually triggered and monitored; hence the visibility of status of the product testing process, as well as the state of the individual product components become difficult in this approach. This project work is an attempt to understand the whole Build Promotion and Testing scenario of Software AG, and to contribute in developing a centralized application called 'ProcessVisibility', that brings this complex process into a simple integrated interface, and provides in-depth visibility to the status of each step in the promotion process and the status of each product component.