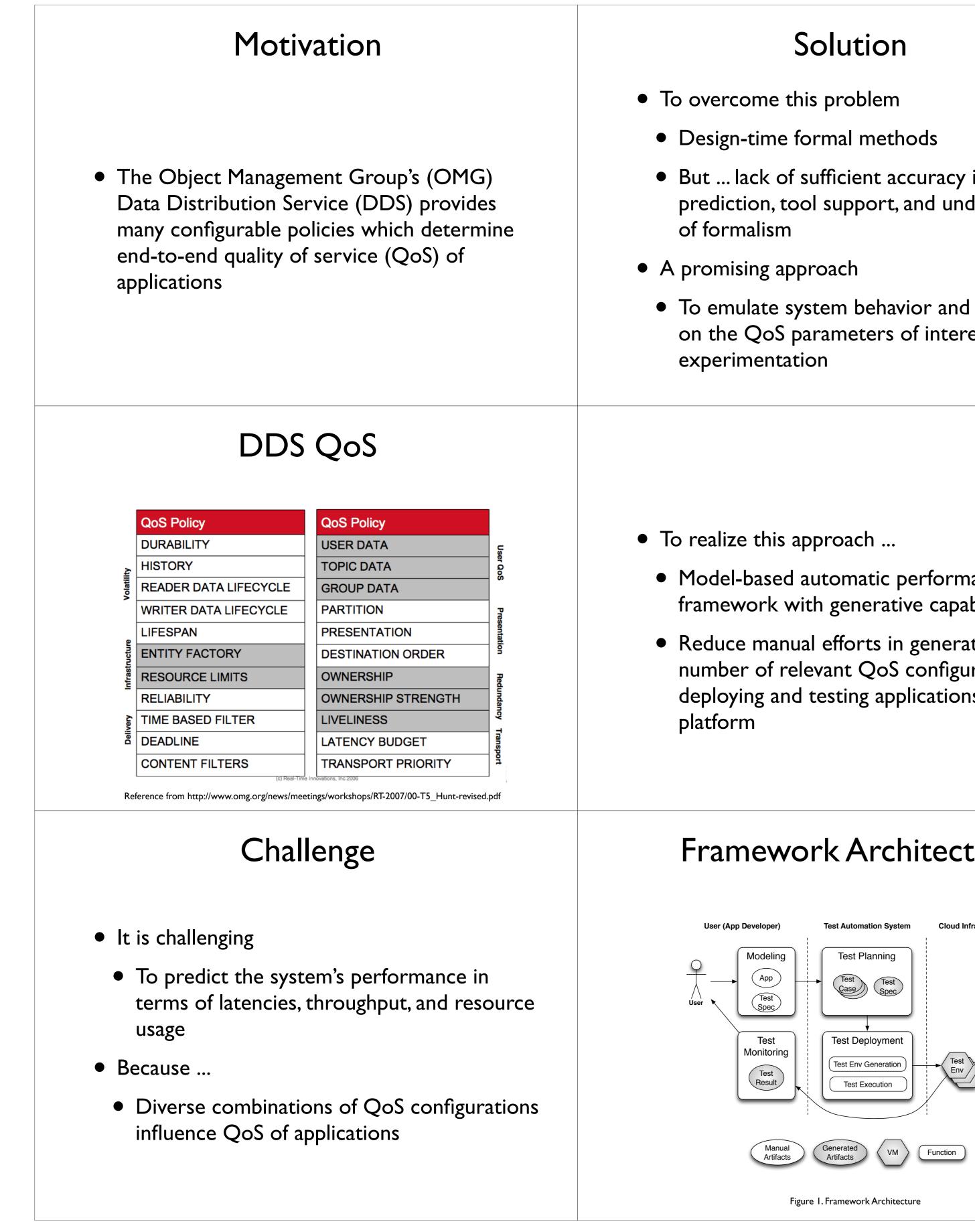


Figure 1. Framework Architecture

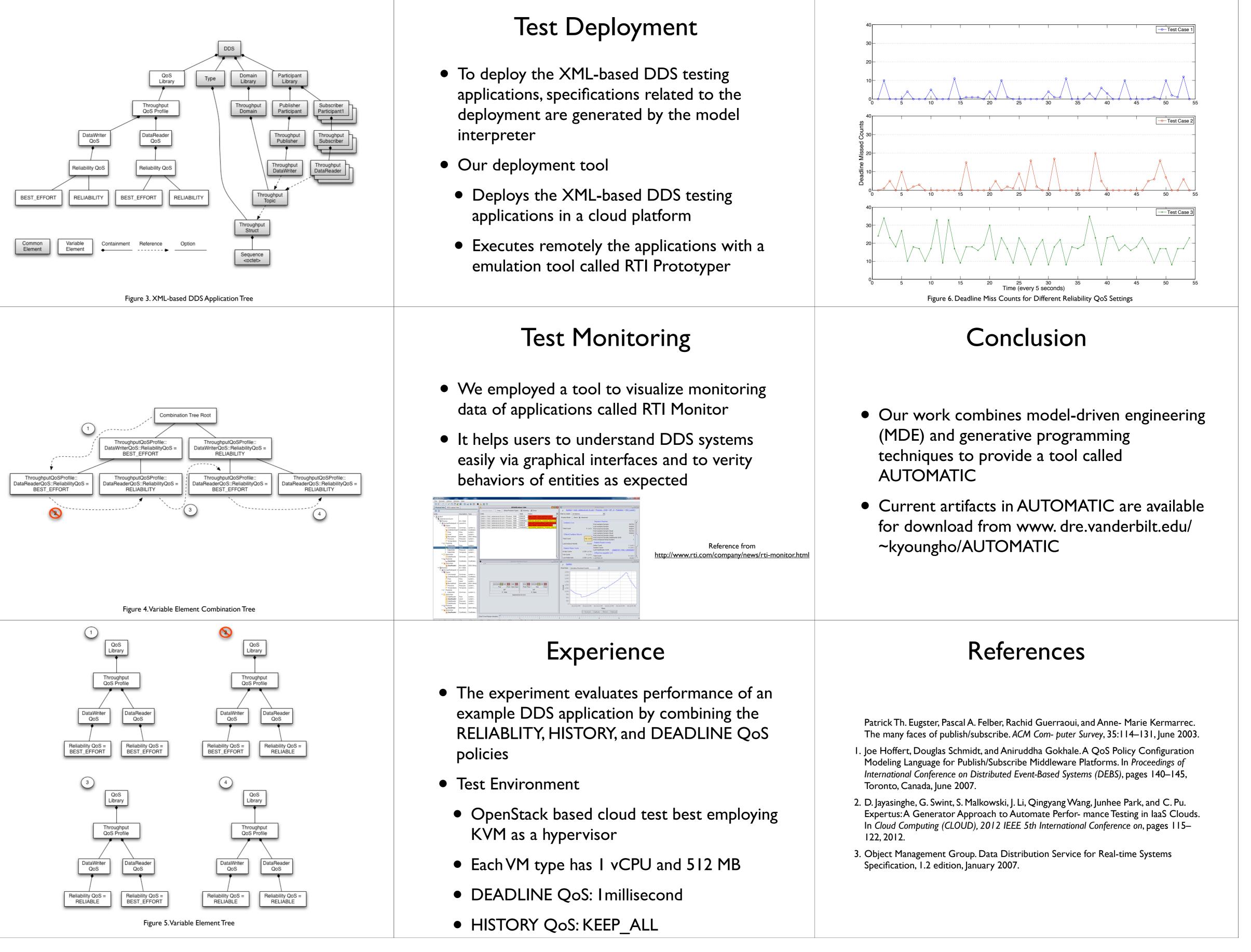


Model-driven Generative Framework for Automated OMG DDS Performance Testing in the Cloud

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Solution ne this problem me formal methods < of sufficient accuracy in	 Automated performance testing framework called AUTOMATIC (AUTOmated Middleware Analysis and Testing In the Cloud)
n, tool support, and understanding ism g approach te system behavior and gather data oS parameters of interest by intation	 Activity Domains User - Modeling, Monitoring Test Automation System - Test Planning, Test Deployment Cloud Infrastructure - Test Emulation
his approach sed automatic performance testing rk with generative capabilities nanual efforts in generating a large of relevant QoS configurations and g and testing applications on a cloud	<section-header><list-item><list-item><list-item></list-item></list-item></list-item></section-header>
est toring est toring test toring test toring test toring test toring test toring test toring test toring test Deployment test Env Generation	 Test Plan Generation The Test Planning function Traverses modeled elements in a model instance via a model interpreter To generate executable applications and related test specification files

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