Leveraging Rice as a Platform for Developing Cloud-based Java Applications

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Abstract

See how to leverage Rice as a platform for your institution's future java applictions. Getting your institution to standardize on developing future applications with Rice as the platform has several advantages. With java clients as a use case, observe these advantages. For example, see examples of using a maven archetype to quickly create java clients aimed at the web services you plan to use. Observe best practices for a centralized infrastructure with Kuali Rice in the center.

Rice as a platform also introduces some caveats to normal software development. Projects are no longer walled-gardens or developed in vacuums. One project can now be the dependency of another and provide services to other projects via the KSB. We need to change the way we view software development with Rice and develop acknowledging it as more than just middleware, but a plaform for centralized software development at our institutions.

1 Objectives

- Developers will see examples and a proof-of-concept implementation of a java client project.

- Developers will be shown patterns for event-driven SOA using Rice as a platform.

- Devops will observe processes and patterns for managing projects that use Rice and how to deliver changes and change dependencies to other projects.

- Devops will be introduced to caveats behind the service bus and other projects as well as maintaining Rice from a cloud-based infrastructure.

2 Audience

Technical track for

- Developers
- Devops

2.1 Level

Advanced

3 Focus Area

Technical

4 Track

Kuali Rice

5 Format

Information Session