



Maven Overlays: Use Cases for Change Management

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Abstract

Changes can come from numerous places. They can come from the Kuali FOundation, vendors, consultants, patches, and developers. Two common problems with these for institutions are determining how to stay on top of them and how projects should be organized to deal with incoming changes as well as local customizations. In this session, change managers and developers will be introduced to processes and policies for managing incoming changes from varying sources. Devops will observe how to leverage maven overlays and VCS (SVN and Git) to structure your projects. We will observe caveats and exceptional cases as well as common cases like dealing with distributing Rice updates to KFS or KC instances. We will examine maven overlay use cases for Rice, KC, and KFS projects.

1 Objectives

- Describe how to setup maven overlays for kuali projects.
- Show how to use maven overlays in development as well as for packaging individual changes for change promotion.
- Describe how to utilize features in SVN and/or Git for managing changes and promoting them to environments.

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- Show the advantages of convention over configuration for managing environments and software deployment.
 - Show how convention over configuration can be used to simplify processes for managing changes from varying sources.
 - Illustrate how to manage project changes granularly or generally.

2 Audience

Technical track for

- Developers
- Devops
- Change managers

2.1 Level

Advanced

3 Focus Area

Technical

4 Track

Kuali Rice or Kuali Coeus or Kuali Financials

5 Format

Information Session