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Chris Hyzer, Grouper developer

Eric Westfall, Kuali Rice project manager

## **Grouper Kuali Rice integration**

# Grouper and Quali Rice

- Grouper
  - Define Groups once and use with multiple applications
  - Manage from One Location
  - Distribute Control
- Quali Rice
  - Provides Identity and Access Management services as part of Quali Identity Management
  - Group, Identity, Permission, etc. services
  - Management interfaces

# Why connect Rice to Grouper?

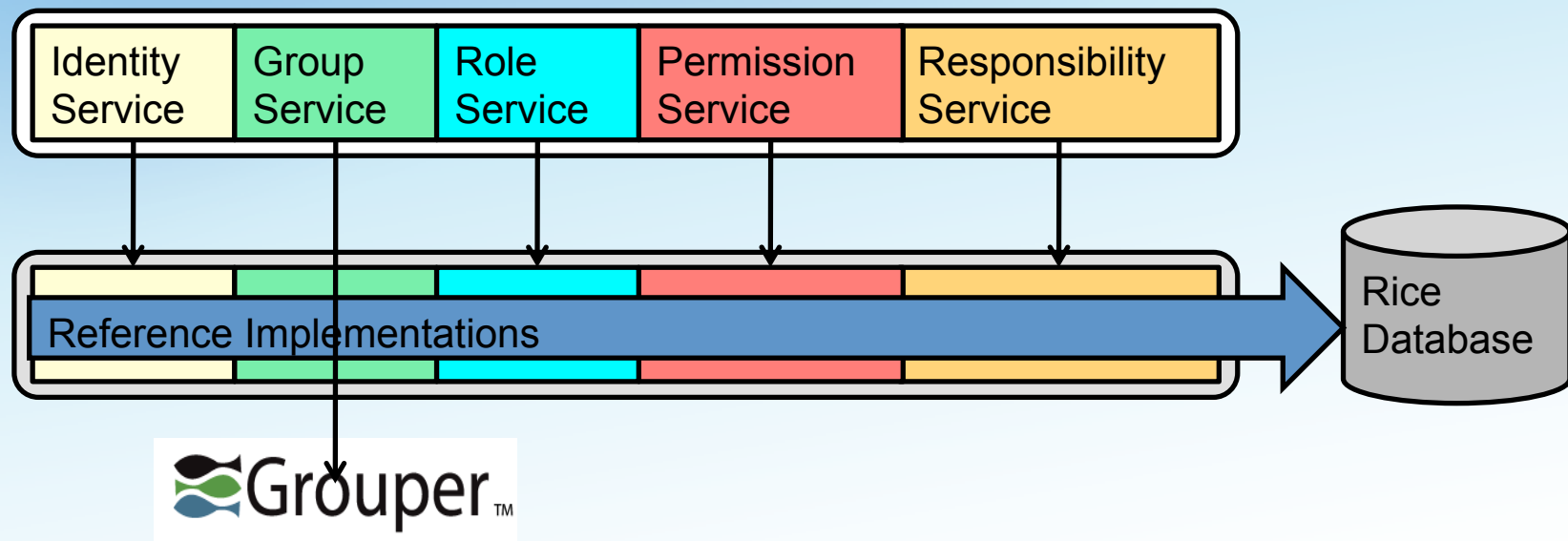
- Already use Grouper
- Want richer group model
- Add workflow to Grouper
- Quickstart integration to IdM
- ... because we said we would make it happen after last year's Advance CAMP!

# Where does Grouper fit into KIM?

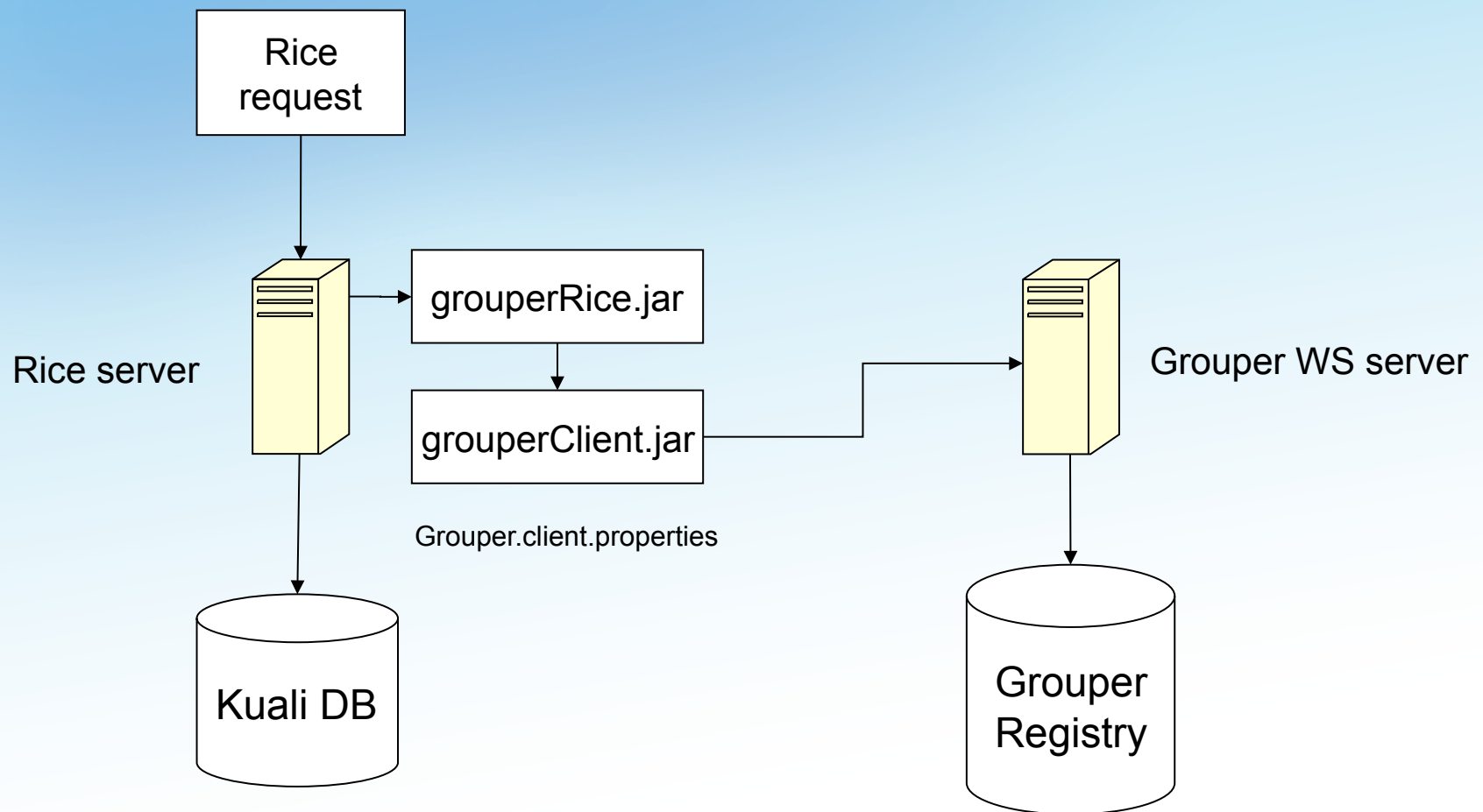
- The primary goal of KIM was to build a service-oriented abstraction layer for Identity and Access Management
- Provides leverage via these common service contracts to all applications built on Kuali technology
- Integration with other identity and access management services was acknowledged, expected, and designed for!

# Where does Grouper fit into KIM?

## KIM Service Layer



# Kuali Rice overridable services



# How to connect Rice to Grouper?

- Add two jars to Rice (grouperRice.jar and grouperClient.jar)
- Add / configure grouper.client.properties
- Configure Rice spring override to group and/or identity service
- Setup a Grouper folder for the “Rice root”

# Rice Grouper workflow

