



# Redis: A more efficient Data Dictionary

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## Abstract

A case study exploring the possibility of using a nosql datastore like Redis to store the datadictionary. The result is infinitesimally short startup times, live modifications of the datadictionary without restart, better change management of datadictionary modifications, and the ability to make modifications to the datadictionary without having to use the application. Explore how this is possible. Leo will also throw in a comment here and there about how Kuali is becoming a platform that Rice provides a framework for and how the concept of using middleware is changing.

## 1 Objectives

- Overview of how Redis is used as a datastore.
- Explanation of what services were overridden and why.
- Use cases for a live DD.
- Use cases in Rice for nosql.

## 2 Audience

Technical track for

- developers

## **2.1 Level**

Advanced

## **3 Focus Area**

Technical

## **4 Track**

Kuali Rice

## **5 Format**

Information Session