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# Kuali Rice 2.2.2 Release Notes

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## Overview

Welcome to Rice 2.2.2!

## Release Highlights

### Highlights of this release include:

- Numerous bug fixes in support of Kuali applications
- Documentation updates

## Download

Kuali Rice 2.2.2 can be downloaded from the Rice website at <http://kuali.org/rice/download>.

There are three different distributions of Rice available: source, binary and server. Please read the [Installation Guide](#) for more details on each of these distributions.

Applications can also consume Rice from the maven site at <http://search.maven.org/#search|ga|1|org.kuali.rice>.

## Documentation

API Documentation can be found at <http://site.kuali.org/rice/2.2.2/apidocs/index.html>

Formal documentation can be found at <http://site.kuali.org/rice/2.2.2/reference/html/portal.html>. This documentation is still in the process of review and update which will continue through subsequent releases, so please follow the notes in each document to report any outdated information.

## Contact

If you encounter any difficulty, please don't hesitate to contact the Rice team on our public collaboration mailing list at <[rice.collab@kuali.org](mailto:rice.collab@kuali.org)>. Please indicate that you are using the 2.2.2 version of Rice.

## Upgrade Guide: Rice 2.2.1 to Rice 2.2.2

### Caution

We recommend backing up your database before performing any upgrade!

## Upgrading the database

The changes relate to the following issue:

[\[KULRICE-9152\]](#) - PK for `krad_msg_t` is too long for MySQL 5.1

The script reduces the size of the `KRAD_MSG_T.LOC` column from a `VARCHAR(255)` to a `VARCHAR(80)` (Note: for Oracle, the column is of type `VARCHAR2`) in order to bring down the total size of the compound primary key to a length supported by MySQL 5.1.

Depending on if you are applying this to a client or server schema, and based on your database platform, the scripts to run will differ:

- Server dataset:

- MySQL:

```
scripts/upgrades/2.2.1 to 2.2.2/final/update_final_mysql.sql
```

- Oracle:

```
scripts/upgrades/2.2.1 to 2.2.2/final/update_final_oracle.sql
```

The above script will leave an extra table behind named `OLD_KRAD_MSG_T`. Once you are satisfied that the data in the new `KRAD_MSG_T` table is intact, you can drop `OLD_KRAD_MSG_T` by running

```
scripts/upgrades/2.2.1 to 2.2.2/final/cleanup_final_oracle.sql
```

- Client dataset:

- MySQL:

```
scripts/upgrades/2.2.1 to 2.2.2/final/update_client_final_mysql.sql
```

- Oracle:

```
scripts/upgrades/2.2.1 to 2.2.2/final/update_client_final_oracle.sql
```

The above script will leave an extra table behind named `OLD_KRAD_MSG_T`. Once you are satisfied that the data in the new `KRAD_MSG_T` table is intact, you can drop `OLD_KRAD_MSG_T` by running

```
scripts/upgrades/2.2.1 to 2.2.2/final/cleanup_client_final_oracle.sql
```

# Items Addressed in Rice 2.2.2

## Bug Fix

- [[KULRICE-8538](#)] - Responsibility Required routing flag not working unless responsibility defined for exact document
- [[KULRICE-8644](#)] - When trying to copy certain permissions, doc gets stuck 'Enroute'
- [[KULRICE-8674](#)] - RouteManagerException: PostProcessor failed to process document
- [[KULRICE-8857](#)] - Permission doc says the max length of the Permission Name is 40 characters but KFS has existing values that exceed that
- [[KULRICE-8968](#)] - PeopleFlow Maintenance Document - Unable to set ApprovePolicy when PeopleFlow Member is of type Group
- [[KULRICE-8972](#)] - Role Service does not include AttributeTransform for QueryByCriteria calls
- [[KULRICE-9007](#)] - RoleMemberBo.groovy prevents replacement of KIM services
- [[KULRICE-9029](#)] - Bug in PeopleFlowMaintainableImpl retrieveTypeAttributes method
- [[KULRICE-9044](#)] - KRAD "stacked" collection elements are not rendering add/delete buttons
- [[KULRICE-9047](#)] - Term maintenance freemarker exception
- [[KULRICE-9062](#)] - Action list id links result in 404 or NPE
- [[KULRICE-9081](#)] - Stack trace while doing wildcard searches in role lookup while adding role member delegate
- [[KULRICE-9085](#)] - TermSpecification throws an exception during save/routing
- [[KULRICE-9092](#)] - Bug is RoleDaoOjb
- [[KULRICE-9094](#)] - TermBoServiceImpl fails to populate TermSpecificationDefinition.contextIds on retrieval
- [[KULRICE-9095](#)] - KRAD Error messages in section not displayed correctly
- [[KULRICE-9096](#)] - Message after initial save prevents additional saves/routing
- [[KULRICE-9097](#)] - Don't display the common section on KRMS Term and TermSpecification maintenance documents
- [[KULRICE-9106](#)] - Bug in PeopleFlowInquirableImpl retrieveTypeAttributes method
- [[KULRICE-9146](#)] - SuperUserAction tab does not load when using custom DocumentTypeAuthorizer implementation in embedded mode
- [[KULRICE-9162](#)] - Role document broken when adding responsibilities
- [[KULRICE-9165](#)] - Person document not displaying role qualifiers
- [[KULRICE-9169](#)] - Bug in UiDocumentServiceImpl

- [[KULRICE-9190](#)] - The Proposition portion of the KRMS Rule Editor is broken
- [[KULRICE-9199](#)] - Unable to inactivate roles of type unitHierarchy or unit from person maintenance docs

## Improvement

- [[KULRICE-8839](#)] - KIM services need to be @Transactional
- [[KULRICE-8847](#)] - Role lookups slow when there are over 200 roles

## Task

- [[KULRICE-8698](#)] - Update TRG documentation to reference maven instead of groovy when creating new Rice applications
- [[KULRICE-8959](#)] - Investigate if column indices can be added to further improve the performance of getRoleMemberPrincipalId()
- [[KULRICE-8996](#)] - Display Term Specification description when it displays in the Term list box while creating propositions for a rule.
- [[KULRICE-9019](#)] - Like to have a way to fetch all valid TermSpecifications for a context
- [[KULRICE-9147](#)] - Toggling the show/hide active button on collections causes an exception
- [[KULRICE-9148](#)] - Disable SessionDocumentService in the KNS
- [[KULRICE-9151](#)] - Document in the guide on clustering that session failover should be implemented for full reliability
- [[KULRICE-9152](#)] - PK for krad\_msg\_t is too long for MySQL 5.1
- [[KULRICE-9210](#)] - Add note in IG on how to configure Rice without KRAD (KNS only)
- [[KULRICE-9221](#)] - Invalid bean name "matchAllTxInterceptor" for KIM Remote mode
- [[KULRICE-9231](#)] - Add striping to the tables for easier readability
- [[KULRICE-9239](#)] - Correct KRAD Guide on using UIF functions