**Oracle Redwood Migration with Opkey**

Oracle’s new Redwood UI represents a significant leap in user experience, offering a modern, consistent, and intuitive interface. However, transitioning to Redwood can be complex, requiring thorough validation to ensure a smooth migration. Opkey’s Redwood Migration feature acts as a centralized solution, automating migration execution, integrating built-in testing capabilities, and providing critical insights to verify a successful shift. With structured validation processes, this feature minimizes workflow disruptions, enabling organizations to adopt the Redwood UI with confidence and efficiency.

Opkey connects seamlessly with your Oracle Instance and VBS repository details to capture a complete snapshot of your migration process. The feature is organized into five distinct tabs, each serving a specific function to facilitate the migration. Let’s explore these tabs and their functionalities in detail.

**1. Summary Tab: A High-Level Overview of Your Migration**

The Summary tab provides an overall view of the migration process with four key widgets:

* **Redwood Page Assessment:** Displays which pages are enabled for Redwood migration and which are still pending.
* **Module-wise Page Assessment:** Presents migration status categorized by module, allowing teams to track progress efficiently for each module.
* **Personalization Analysis:** Offers insights into page-wise status of TDS (Table-Driven Security) and Page Composer-type personalizations.
* **Migration Risk: Personalization:** Identifies high-risk personalizations that may not be fully migrated.

At the top of this tab, three informative graphics display the number of pending pages for migration, the count of personalized pages, and the number of high-risk personalizations that cannot yet be migrated.

**Use Case:**

A large enterprise migrating its ERP system to Redwood UI can use this tab to track migration status at a glance. The visualization helps project managers prioritize modules with the most pending migrations and potential risks.

**2. Page Assessment and Migration Tab: Managing Page Migrations**

This tab provides a module-wise distribution of pages available for migration. It displays:

* The status of each page (Redwood-enabled or pending migration).
* The number of associated unit tests and functional tests to validate the migration.
* An actionable checklist for selecting and enabling migration for pending or partially enabled pages.

Users can select pages marked in red or orange (indicating pending or partial enablement) and click the **Enable Selected** button to initiate migration.

**Use Case:**

An IT team responsible for enabling Redwood UI across multiple Oracle modules can use this tab to streamline their workflow. By filtering pending migrations and executing batch enablements, they can expedite the transition with minimal manual intervention.

**3. Personalization Assessment and Migration Tab: Handling Page Customizations**

This tab focuses on migrating pages with TDS or Page Composer personalizations. It categorizes pages as:

* **Unavailable:** Migration is not possible yet.
* **Partial Migration Available:** Some personalizations can be migrated.
* **Complete Migration Available:** All personalizations are ready for migration.

Users can also view the number of personalizations per page and how many are available for migration. By selecting the checkboxes and clicking the **Migrate Selected** button, they can migrate personalized pages seamlessly.

**Use Case:**

A finance department using highly customized Oracle pages can leverage this tab to ensure critical personalizations are properly migrated. This minimizes the risk of losing custom configurations during the transition.

**4. Testing Tab: Validating Migration Success**

Once pages are migrated, the Testing tab allows users to execute unit and functional tests to validate the UI and functionality. This tab provides:

* A module-wise list of migrated pages with their associated unit and functional tests.
* A **Run** button for executing unit tests on a selected page.
* A **Generate Data** button for manually adding functional test data before execution.
* A **Test Result** button to view execution outcomes.

**Use Case:**

A QA team responsible for ensuring a flawless Redwood transition can use this tab to validate UI elements and functional behaviors. Automated testing reduces manual effort, ensuring that all migrated pages function as expected before go-live.

**5. Job Aids Tab: User Guides for Business Support**

This tab provides user guides that document the end-to-end migration process. These guides are created automatically during functional test executions, offering valuable reference material for business users.

**Use Case:**

A customer support team assisting end users with Redwood UI adoption can use these job aids to quickly address common questions and troubleshooting steps, reducing training time and support overhead.

**Conclusion**

Opkey’s Redwood Migration feature simplifies the transition to Oracle’s Redwood UI by automating key migration tasks, ensuring thorough validation, and providing structured insights. By utilizing this capability, organizations can achieve a seamless, risk-free migration with minimal disruptions to their existing workflows.