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Personalizing HCM Redwood Applications Using VB Studio

Oracle Cloud Center of Excellence

Oct 15, 2025

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Agenda

1 Speaker Introduction

2 Redwood Personalization Overview

3 ACR – Helper Tool

4 Hands-on lab

5 Redwood Recap

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Speakers

Sunil Kashyap
Cloud Services Director, Center of Excellence

Lynn Munsinger
Senior Director, Redwood UX Platform

Murtaza Amiji
Senior Director- Visual Builder Studio Product Management

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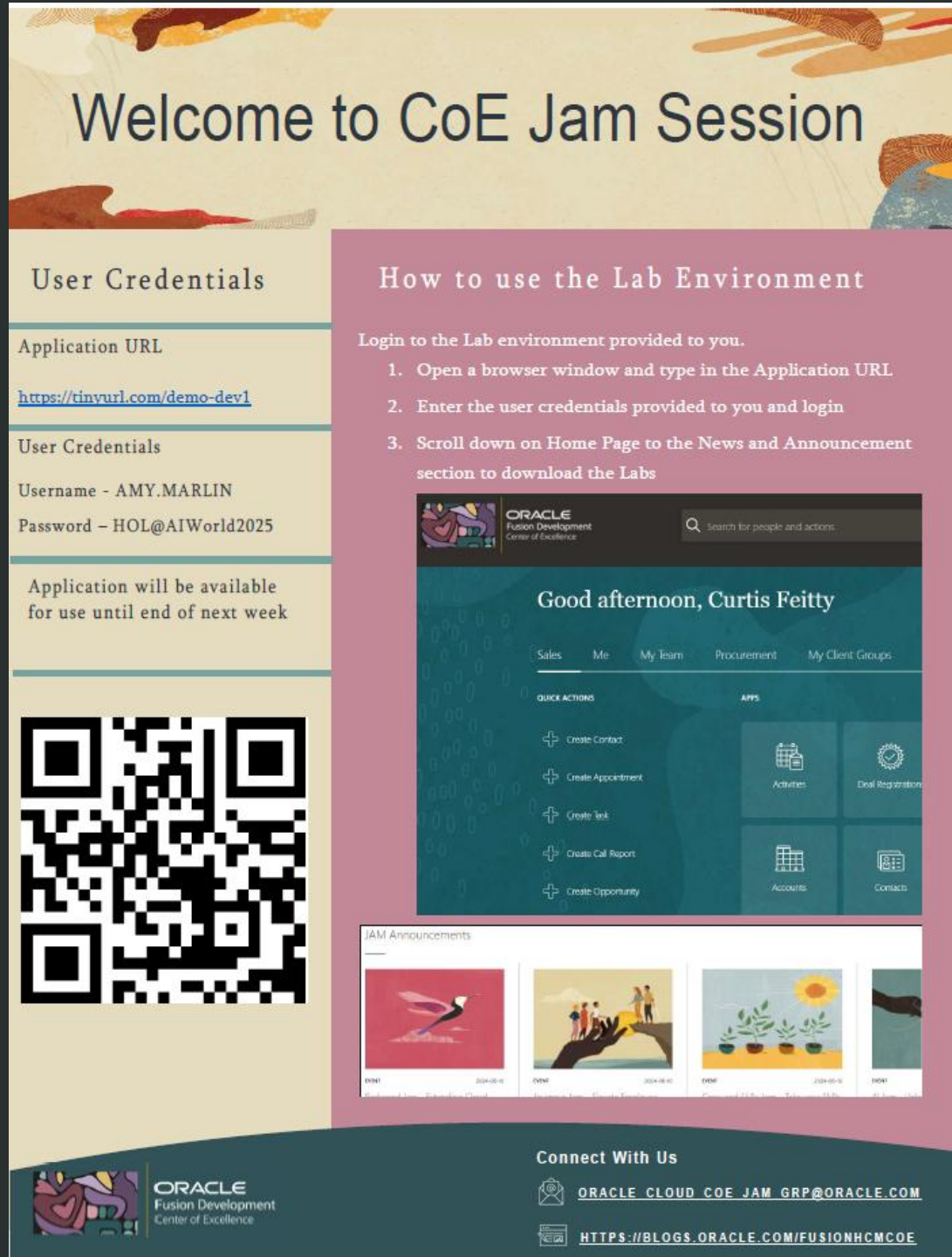
Personalizing Redwood

VB Express Mode

Instructions to access Lab Environments and Documents



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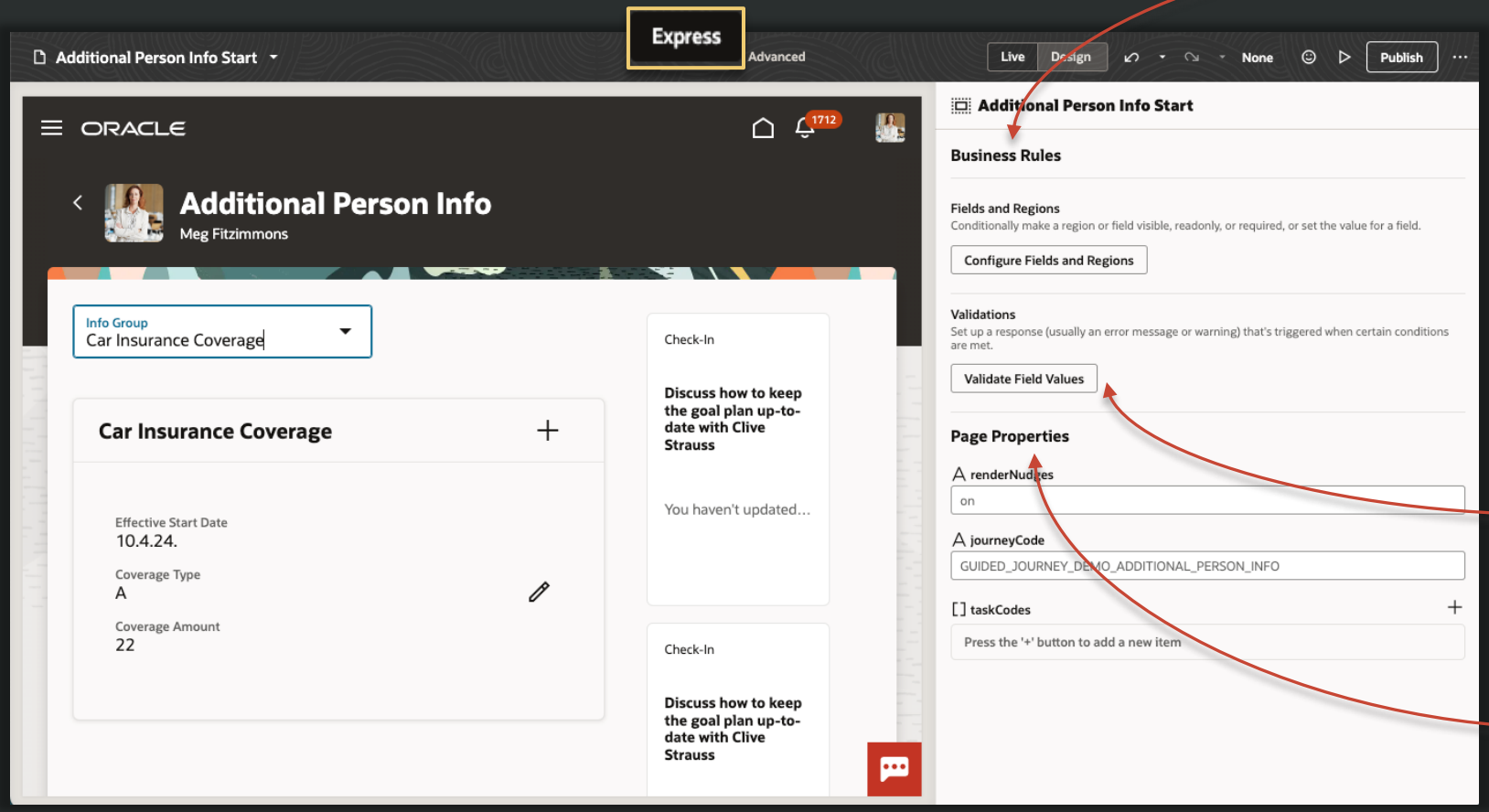
Capabilities in Express Mode

BUSINESS RULES IN EXPRESS MODE - DEFAULT AND VALIDATE FIELD VALUES



Business Rules

Control the display of regions and fields, default & validate field values, control UI elements behavior on a **Redwood page**.

Configure Fields and Regions

Control the display of regions and fields, default field values on a Redwood page.

Create rules per country, business unit, legal employer, and many more criteria to conditionally make regions and fields required or optional, show or hide regions and field, make fields read-only, and default field values.

Conditionally validate field values (**error and warning**) on a Redwood page.

Page Properties

Previously named constants.

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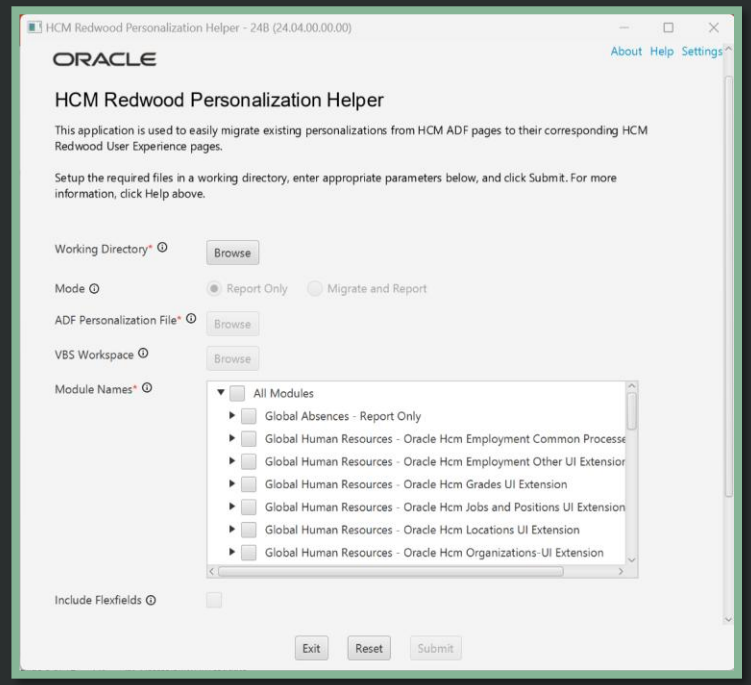
Redwood Personalization Helper Tool

- **CoE Central :** https://vfz5ikf6lmeemml-coeprogramapps.adb.us-phoenix-1.oraclecloudapps.com/ords/r/coe_central/cms/home
- **Redwood Personalization Helper Tool Download** : https://vfz5ikf6lmeemml-coeprogramapps.adb.us-phoenix-1.oraclecloudapps.com/ords/r/coe_central/cms/tools-and-resources

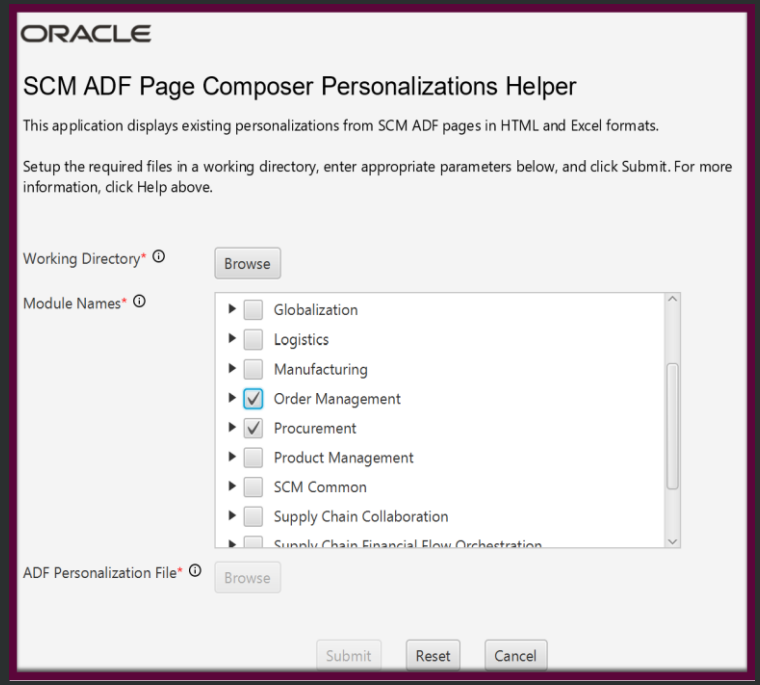
HCM Helper Tool

- Application that can be used to **report on and migrate** Responsive UI (ADF) to Redwood UI (VBS) personalizations.
- User Guide - HCM Redwood Personalization Helper Tool MOS Document 2999756.1



SCM Helper Tool

- Application that can be used to **report** on Classic UI (ADF) to Redwood UI (VBS) personalizations.
- User Guide - SCM Redwood Personalization Helper Tool (Doc ID 3025798.1)



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25D - Helper Tool - ACR Migration Support

- Ability to process autocomplete rules of type Field Validation and Field Defaulting and migrate them as VB Studio business rules.
- Ability to filter to pages
- Support for additional domain extension in HCM Environment URL
- List of pages supported for processing UI personalization and Autocomplete rules

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Hands-on Labs

Personalize HCM Redwood Page

- Personalize My Activity Center Analytics Card using Page Properties
- Default Job Family based on Job Function
- Validate Job Name for Special Characters

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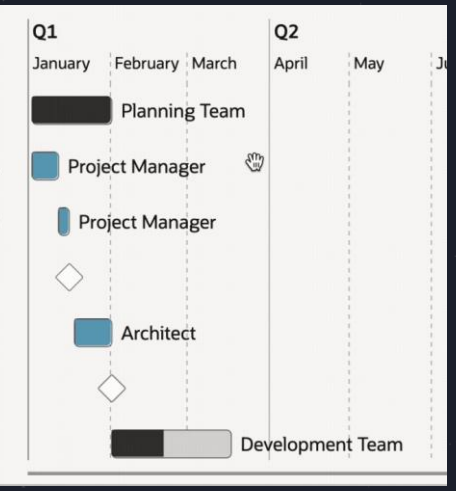
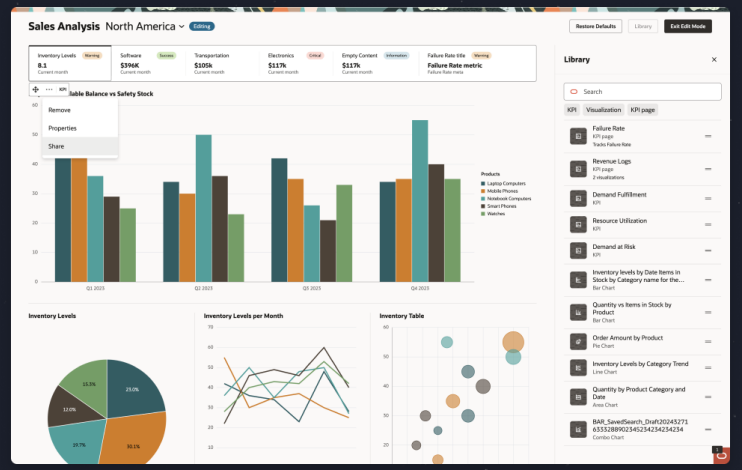
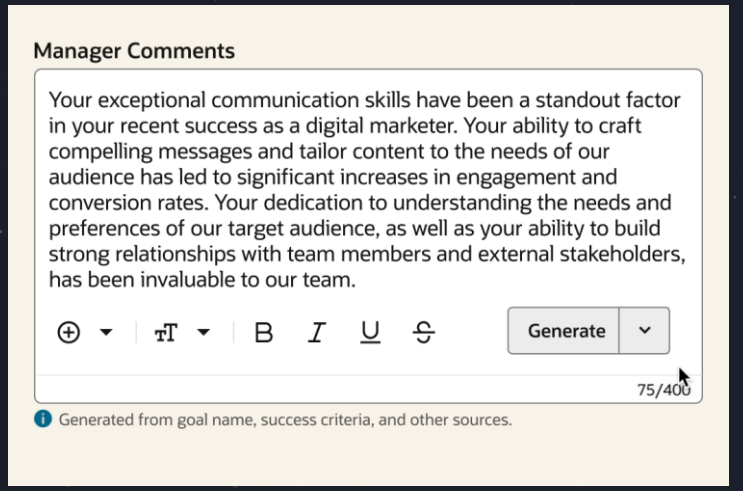
Innovation that matters

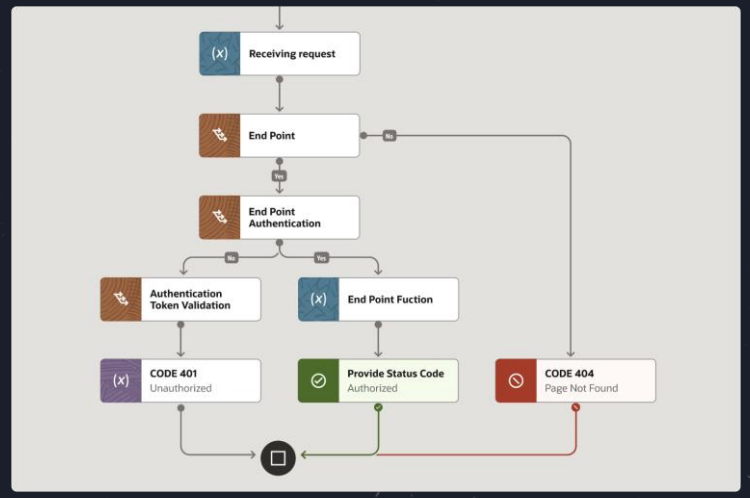
Redwood Platform gets better and better







New capabilities added quarterly



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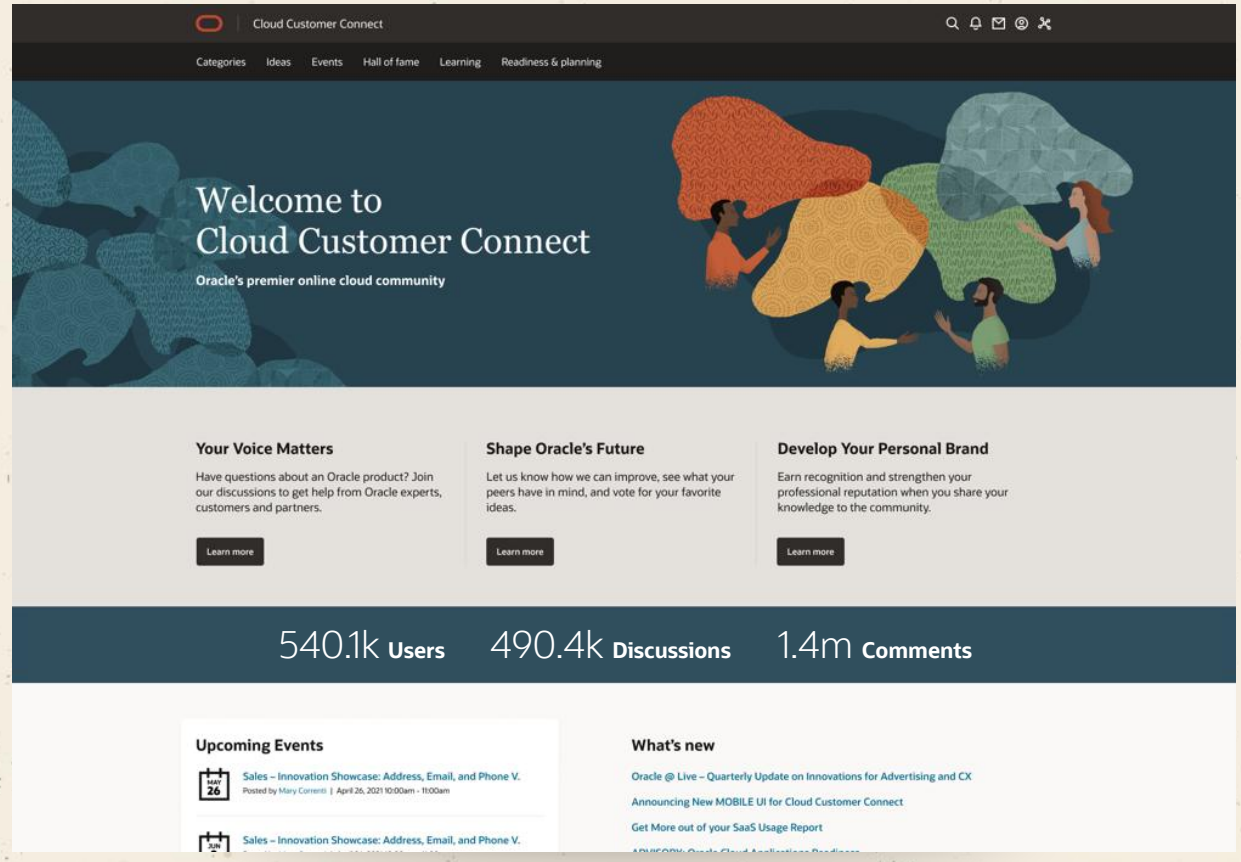
Your ideas help Redwood improve

Let’s look at an example…

Cloud Customer Connect

Your ideas and feedback are valuable

We review your feedback regularly and use it to prioritize enhancements to Redwood. Providing detailed information and upvoting ideas helps us understand the need for the idea.



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Your feedback is important.

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Resources

Where can I learn more?

Resources

Cloud HCM Center Of Excellence Blog

- https://blogs.oracle.com/fusionhcmcoe

HCM and VB Resources

- **Administering Visual Builder Studio- User Guide**
- **Extending HCM Redwood Applications Using Visual Builder Studio**
  - White Paper My Oracle Support Doc ID 2991662.1
- **HCM Redwood Pages with Profile Options (Doc ID 2922407.1)**
- **Fusion HCM: Redwood Required Steps**

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Other Resources

Redwood Cross Pillar Resources

- Get Started with Redwood
- Cross-Pillar Redwood FAQ
- CCC: Design for Redwood Forum
- CCC: Develop for Redwood Forum

Redwood Technical Best Practices & Training

- Best Practices for Managing Deployments & Branching using VB Studio for Cloud (HCM & SCM)- Link
- VB Studio Training Part 1: Fundamentals (HCM & SCM)- Link
- VB Studio Training Part 2: Git and Merge Requests (HCM & SCM)- Link
- VB Studio Training Part 3: Branching (HCM & SCM)- Link
- VB Studio Training Part 4: Handling Common Issues, Tips and Tricks (HCM & SCM)- Link

Personalization Helper Tool

- Redwood Personalization Helper Tool for SCM - Link
- User Guide: Redwood Personalization Helper Tool for SCM - MOS Document 3025798.1

Visual Builder Studio for HCM

Visual Builder Studio for SCM

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Thank you

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Appendix

Security

- To extend Oracle Cloud Applications with VB Studio, users need roles in both Oracle Cloud Applications and IDCS.
- Security associated to access the Visual Builder Studio:

Oracle Cloud (via Security Console)	Role Mapping in IDCS (fyi only)
Application Administrator (ORA_FND_APPLICATION_ADMINISTRATOR_JOB)	VB Studio administrator (DEVELOPER_ADMINISTRATOR)
Application Developer (ORA_FND_APPLICATION_DEVELOPER_JOB)	VB Studio user (DEVELOPER_USER)

- The automated sync jobs between Cloud and IDCS controls the access for VBS. The default schedule triggers Incremental sync job every 12 hours. There is another job ("IDCS Sync Notification) which runs every 30 mins to detect any changes for users\roles and invokes incremental sync.
- Account to be used for deployment should have the FND_ADMINISTER_SANDBOX_PRIV privilege in the target instance. More details here: Essential Setup Tasks

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Features Equivalence - Classic vs Redwood

Where We Are Now (25C)

EXTENSIBILITY FEATURE	User Interface Text	Page Composer	Redwood Extensibility Tool
Rename Strings			
Update strings across pages	✺		User Interface Text
Control Fields and Regions			
Make fields required, optional, visible, hidden based on defined criterions		✺	Express Mode, Business Rules
Make fields required, optional, visible, hidden based on any field of the page		✺	Express Mode, Business Rules
Make a field read only or editable based on any field of the page		✺	Express Mode, Business Rules
Make regions required, optional, visible, hidden based on defined criterions		✺	Express Mode, Business Rules
Control Data			
Default field values based on fields			Express Mode, Business Rules
Validate field values with warning based on fields			Express Mode, Business Rules
Control Look and Feel (UI elements)			
Enable Save, and Save and Close in the toolbar			Security Privilege Express Mode, Page Properties in some cases
Show or hide UI elements like actions based on defined criterions		✺	Express Mode, Page Properties
Show Attributes in the Page Header		✺	Express Mode, Page Properties
Reorder regions		✺	Express Mode, Container Layout

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