ORACLE

Oracle Forms
Life After 12c

The evolution continues with Forms 14c

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October 2023

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Agenda

1. Years in the Making
2. Next in the Evolution
3. What You Need To Know
4. Event Schedule
5. Q & A

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Years in the Making

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Block/Character mode

Client-Server & Character mode

Web, Client-Server, & Character mode

Web only (three tier)

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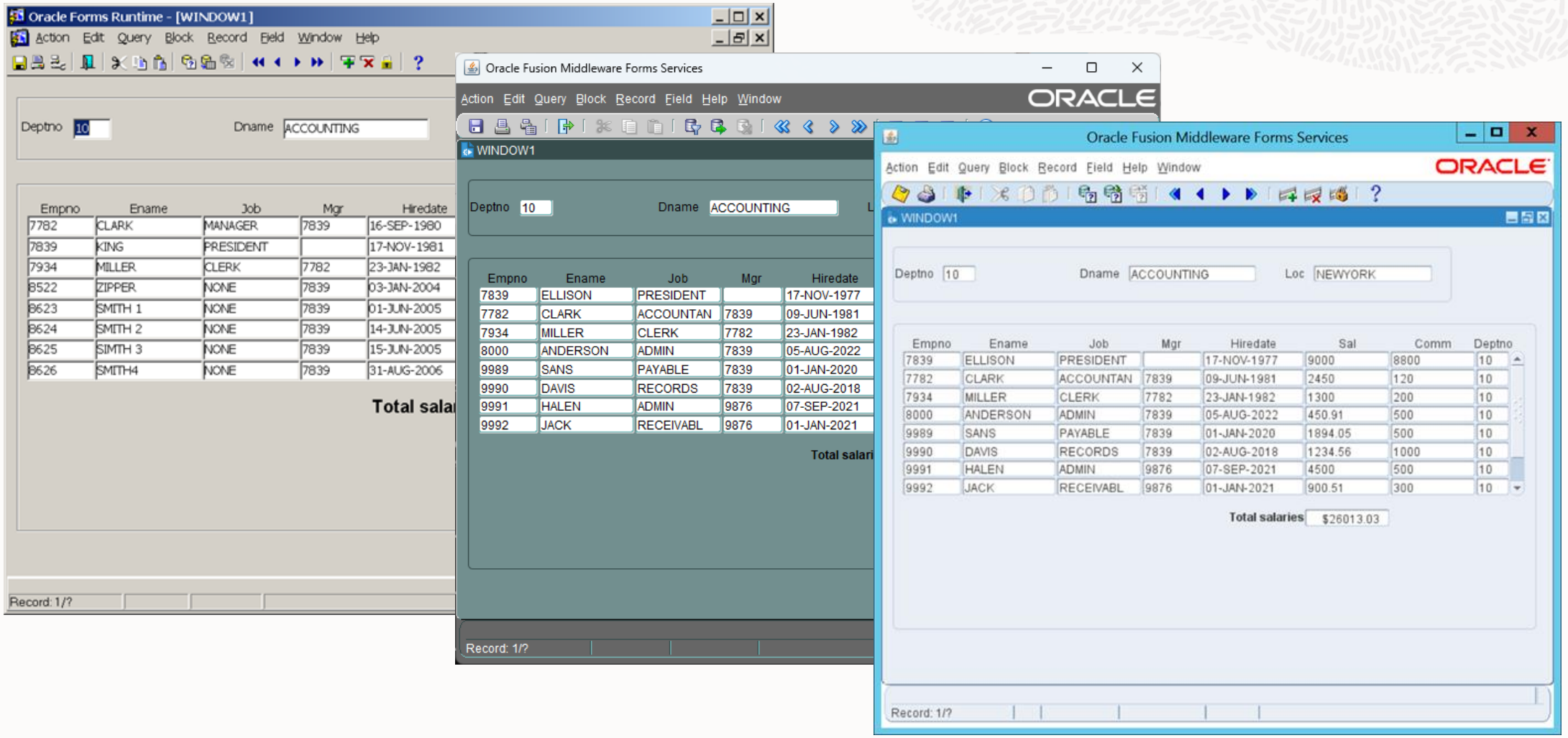
In the Beginning



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Oracle Forms 12c Family

- 12.2.1.0 released 2015
  - Many new features, enhancements, and bug fixes compared to previous version/family (11.1.2.x).
- 12.2.1.1 released 2016
  - Improvements and new features. Bug fixes.
- 12.2.1.2 released 2017
  - Minor improvements. Bug fixes.
- 12.2.1.3 released 2018
  - Improvements and new features. Bug fixes.
- 12.2.1.4 released 2019
  - Improvements and new features. Bug fixes.
- 12.2.1.19 released 2023
  - Improvements and new features. Bug fixes.

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Oracle Forms and Reports 12.2.1.19

Premier Support ends December 2026

Extended Support ends December 2027

https://www.oracle.com/us/assets/lifetime-support-middleware-069163.pdf

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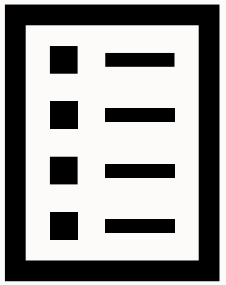
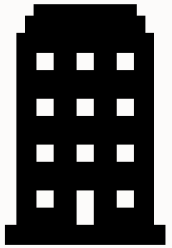
Source of Creativity



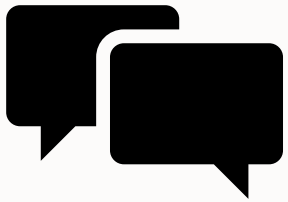
Customer Surveys

Direct Customer Feedback

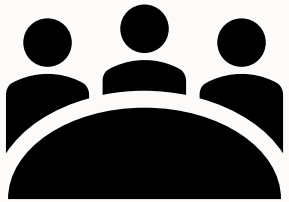
Ecosystem/Industry Demand



Stack Requirements



Social Media



Conferences / Webinars

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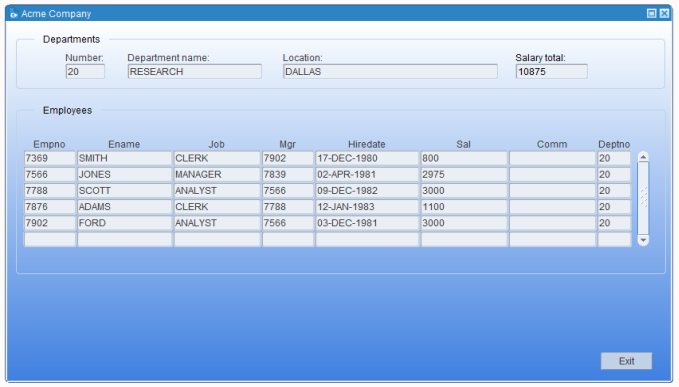
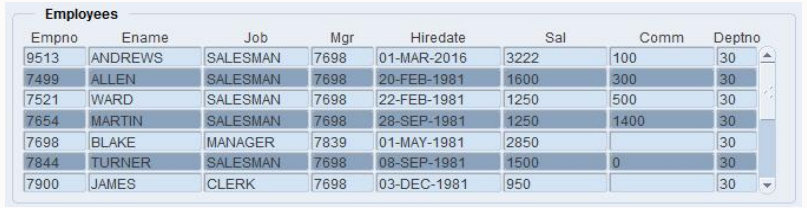
Forms 12.2.1 UI Feature Highlights

Canvas Gradient

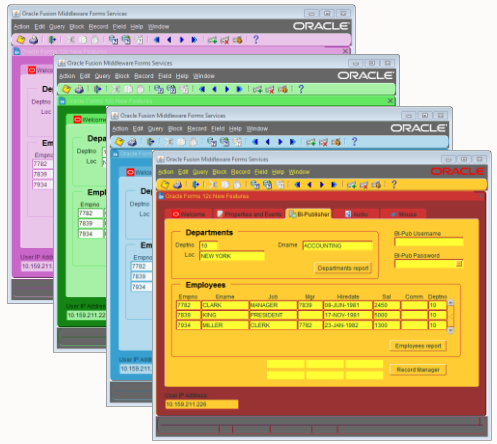


Tabs with Icons

Row Banding

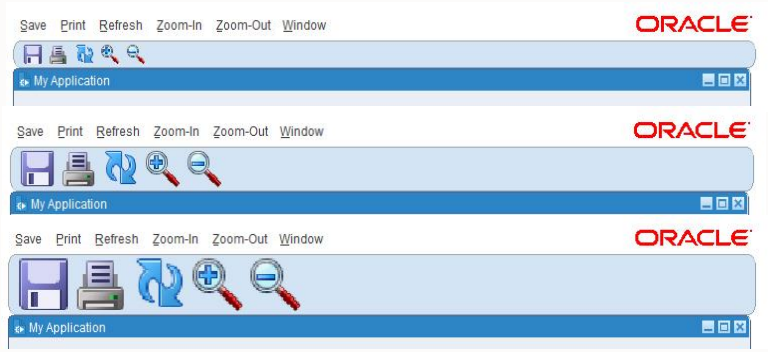


Customizable Color Schemes



Login Hints

New Smart Bar Sizes



Item Level Mouse Pointers

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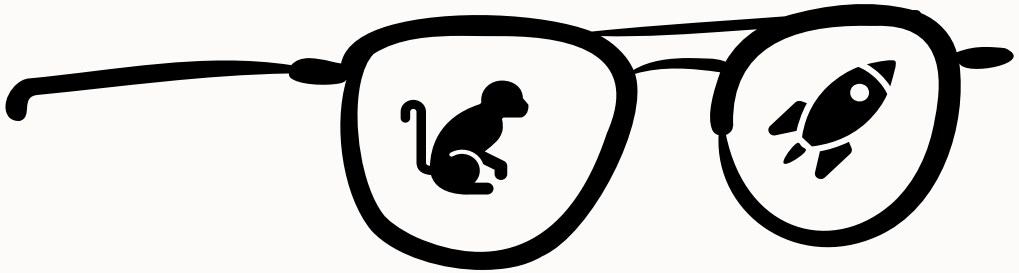
Next in the Evolution



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Oracle Fusion Middleware 14.1.2
with
Forms and Reports

Planned for availability in 2024

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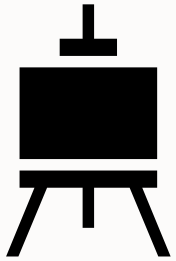
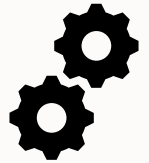
Key Improvements



Runtime User Interface (UI)

Performance



Domain Configuration Options

Design-time Tooling

Security

Data Handling & Integration

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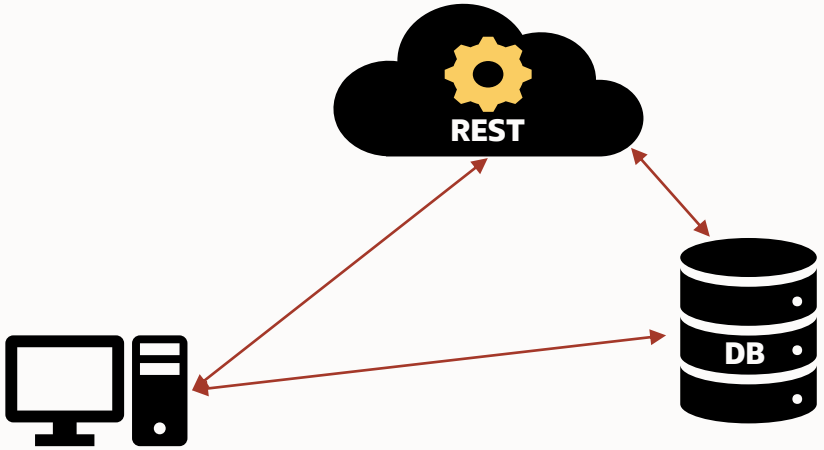
Data Handling & Integration

- Access data via REST
- Continuous Query Notifications



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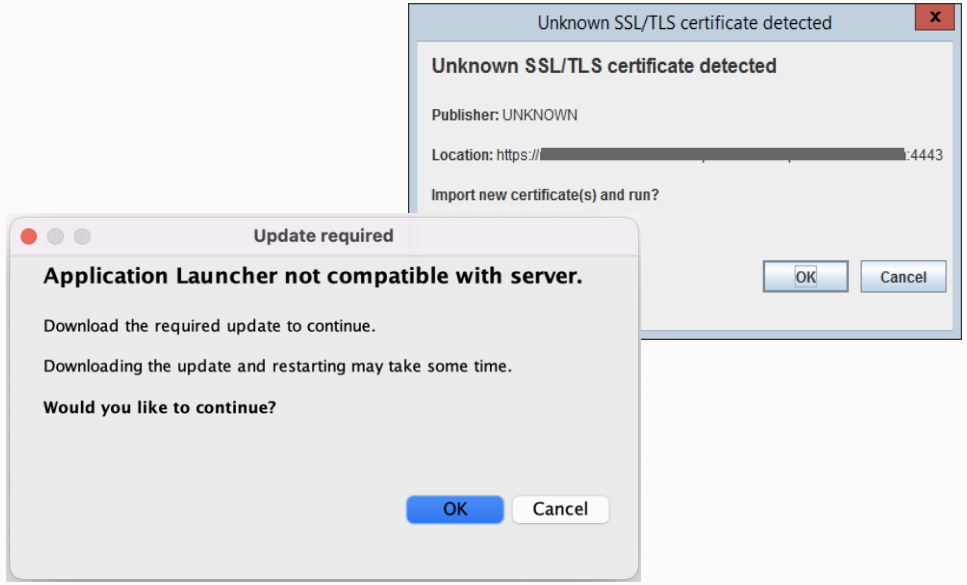
Forms Standalone Launcher (FSAL)

- Improved SSL support
- Auto-update launcher



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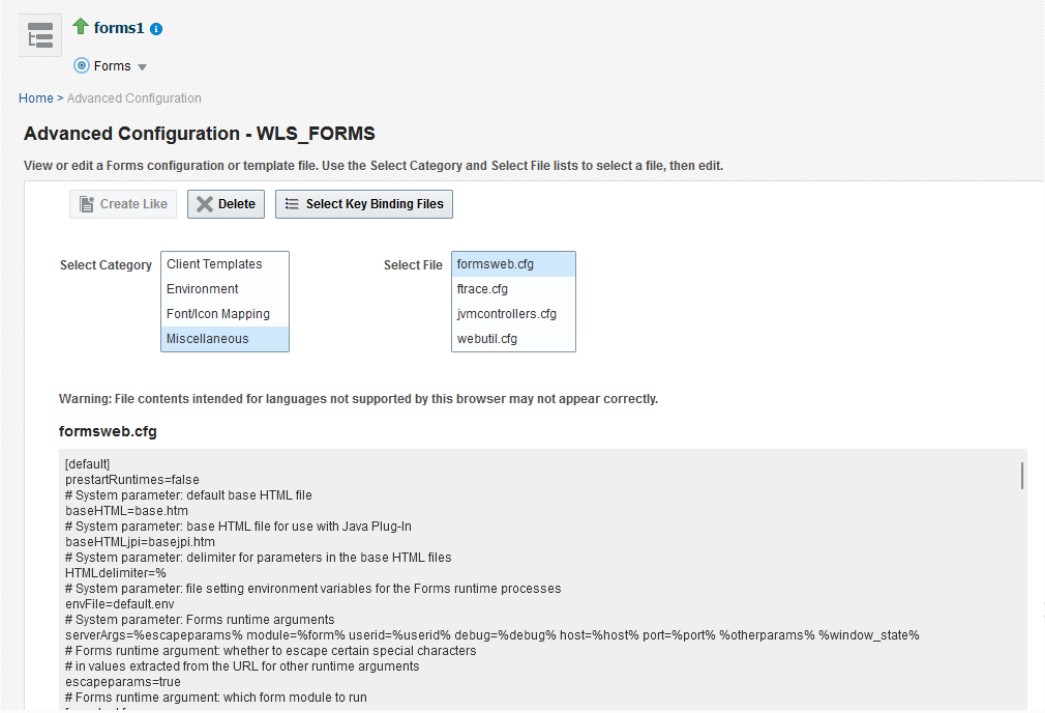
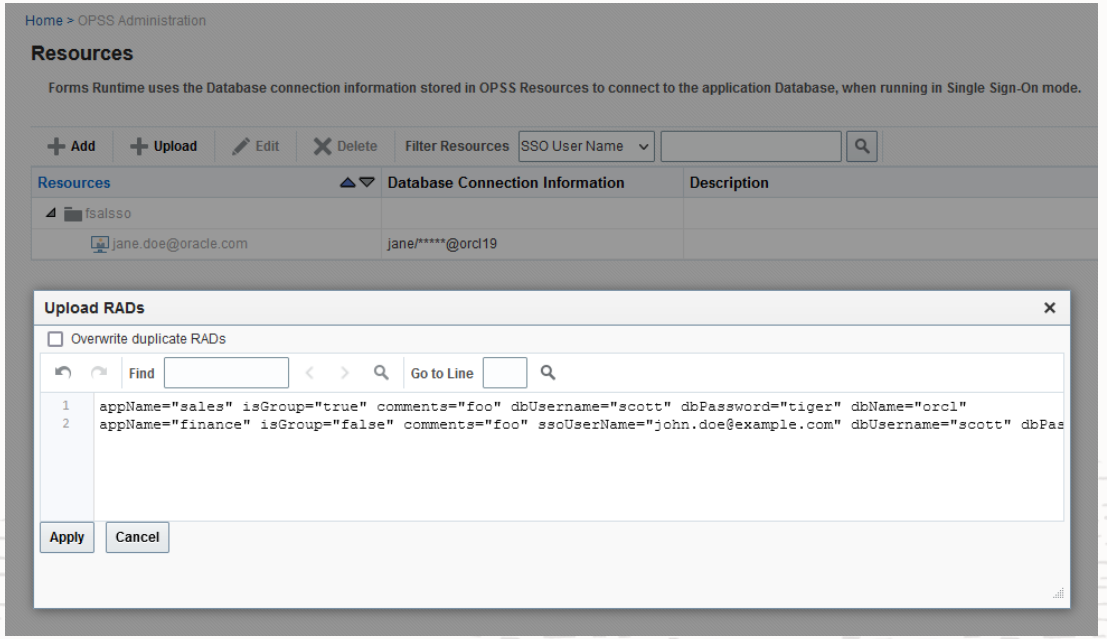
Fusion Middleware Control (FMC)

- Expose the most common configs in the Advanced Editor
- Bulk upload Resource Access Descriptors to OPSS





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Forms Cloud Marketplace

- Oracle Linux 8 (*OL9 being reviewed*)
- Microsoft Windows (*being reviewed*)
- Updated provisioning tooling
- IDCS support – auto config utility

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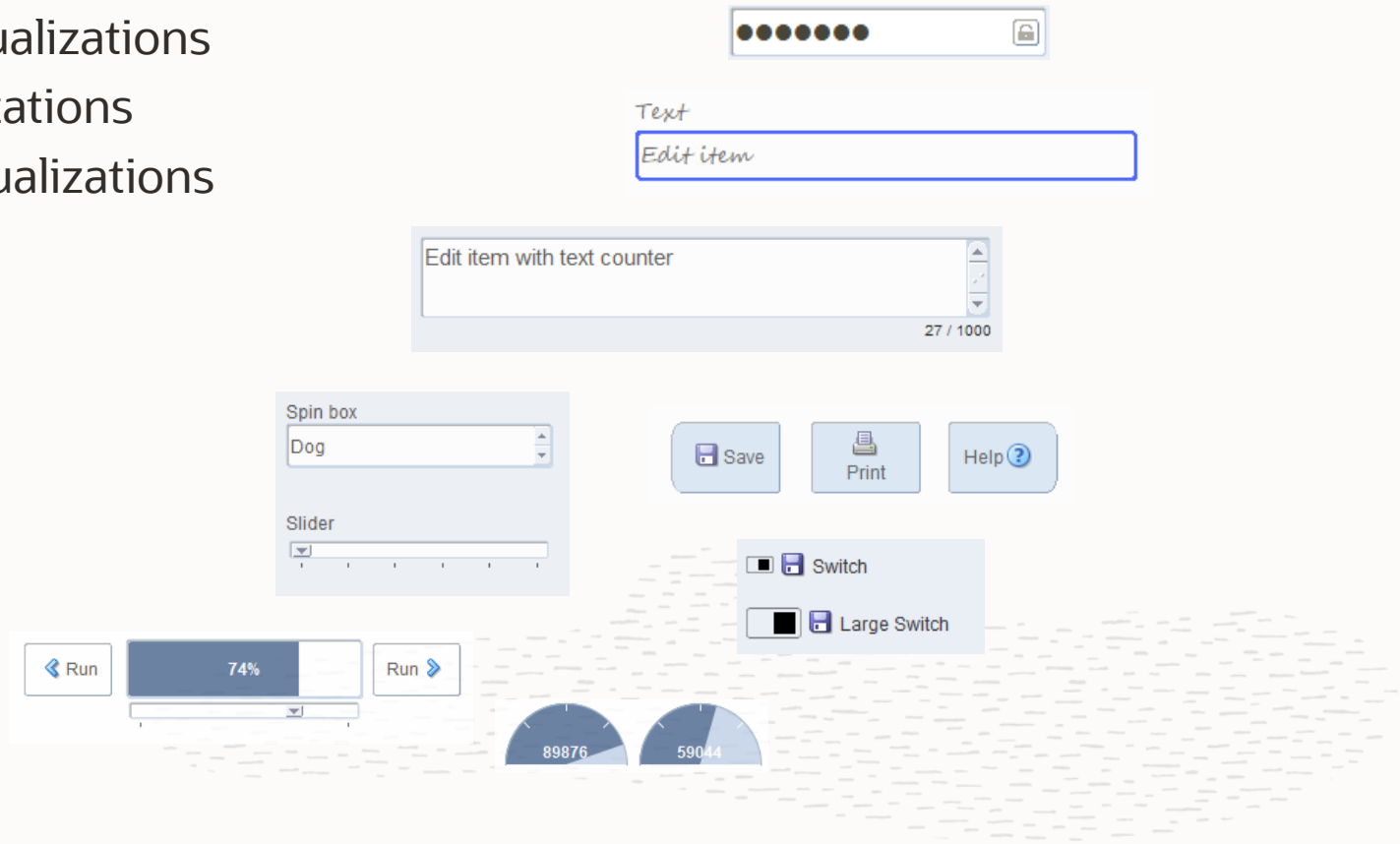
Runtime User Interface (UI)

- New Edit item properties
- New Display item properties and visualizations
- New List item properties and visualizations
- New Radio button and Checkbox visualizations
- New Button properties
- New Alert properties
- New Window properties
- New Canvas properties
- Client native font support
- Dynamic record creation
- Record tiling



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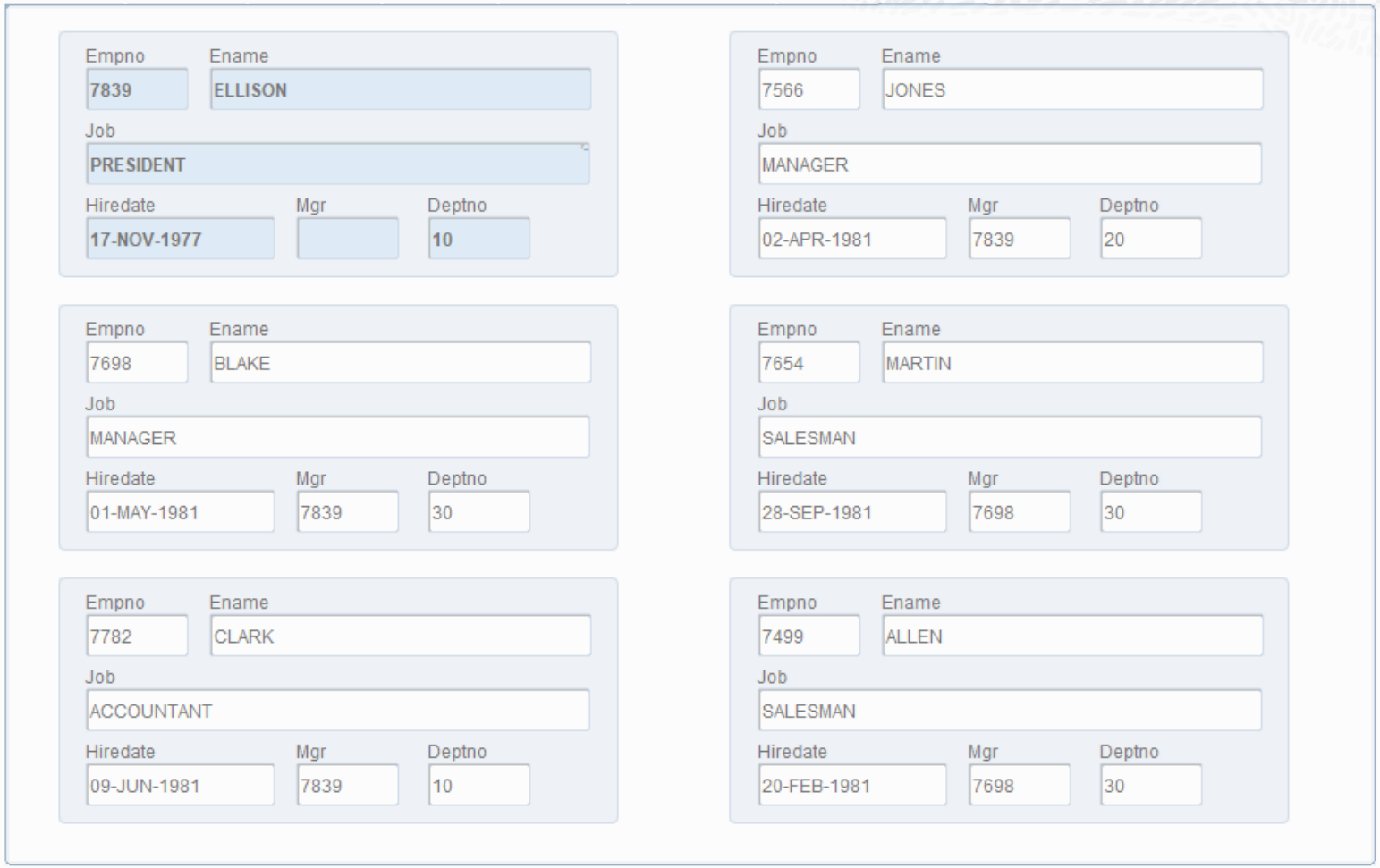
Record Tiling



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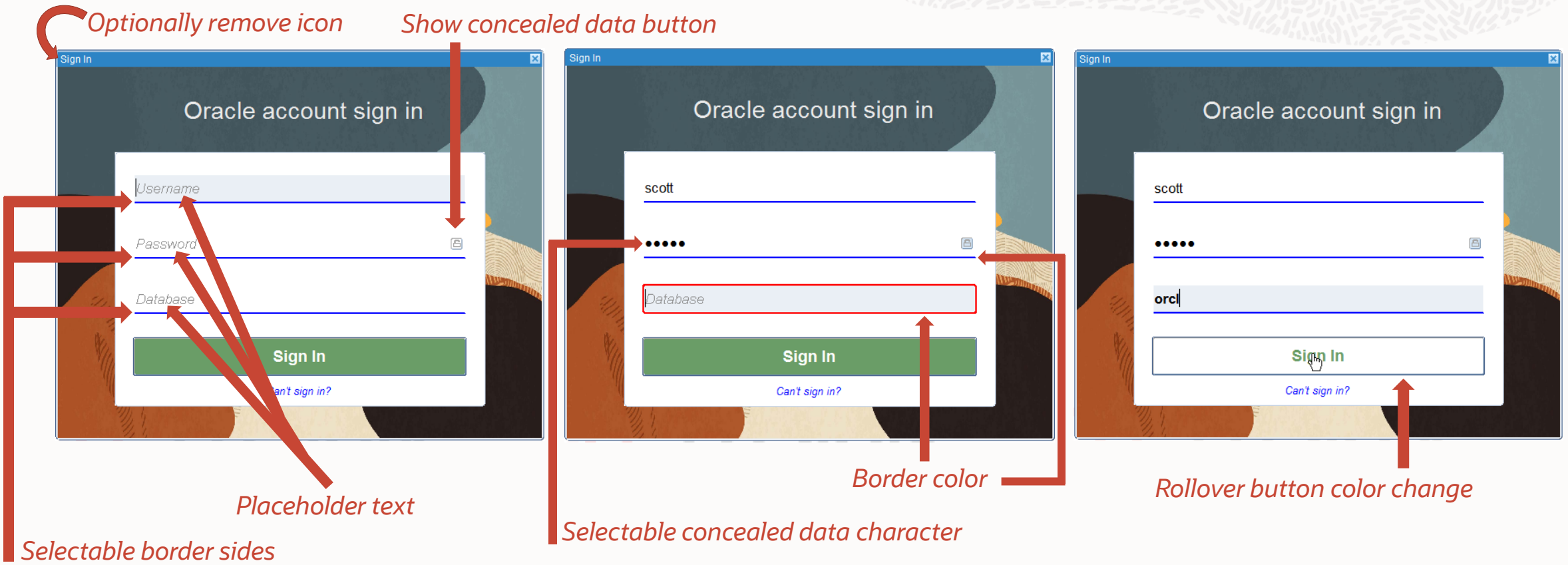
User Interface Examples



*This is a custom form and NOT the Forms' logon dialog.

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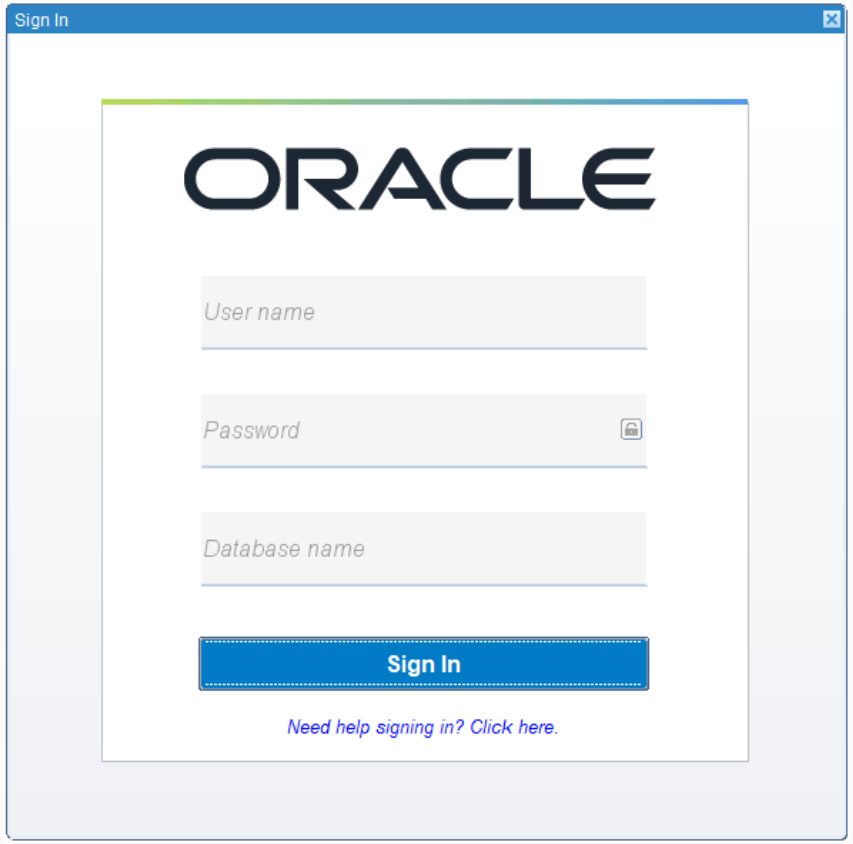
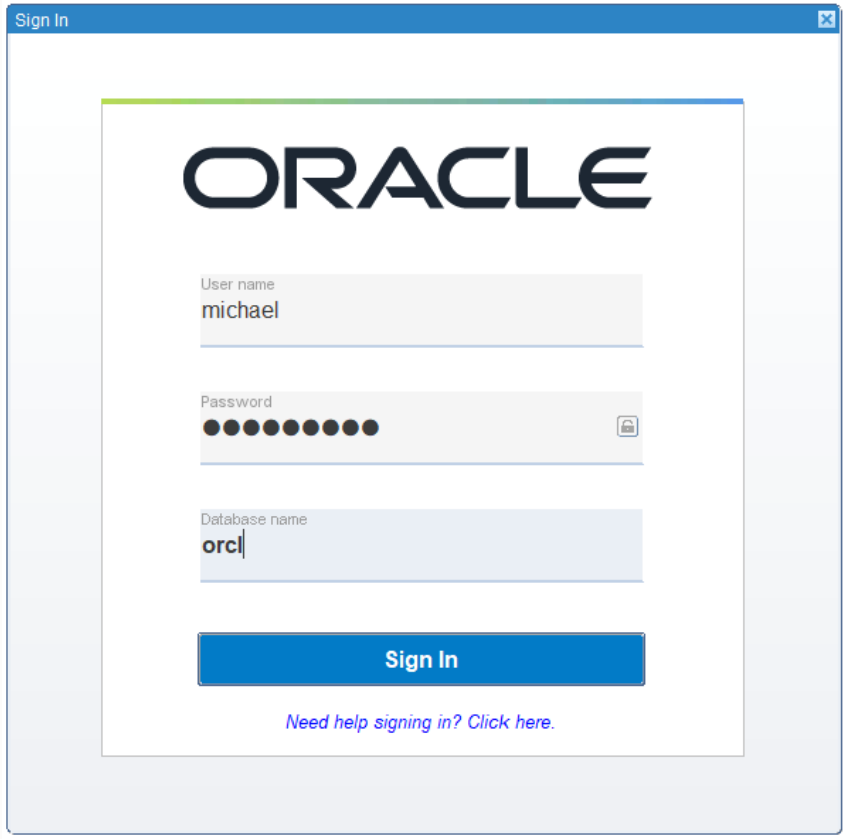
User Interface Examples





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Miscellaneous Enhancements

- Support FMW 14.1.2 components on Fusion Middleware Infrastructure 14.1.2
- Database 23 embedded client (RSF)
- Oracle Java (JDK) 17 and 21 support
- Java Virtual Threads for improved performance

  https://blogs.oracle.com/weblogicserver/post/the-promise-of-using-java-virtual-threads-with-oracle-weblogic-server

- Fusion Middleware enhancements found in the FMW SOD

  https://www.oracle.com/a/ocom/docs/middleware/fusion-middleware-statement-of-direction.pdf

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Forms Installation/Configuration Options

Intended for Runtime or Development

- Full installation and full domain
  - Ideal for enterprise environments and/or when SSO is required
  - Include full runtime and all design-time tools
  - Requires Repository DB
- Full installation and lightweight domain
  - Ideal for small or medium environments
  - Include lightweight runtime and all design-time tools
  - No Repository DB
  - Some runtime limitations (e.g. no SSO support)

Intended for Development

- Full installation and limited domain
  - Ideal for development with lightweight runtime
  - Include very lightweight runtime and all design-time tools
  - No managed servers (only Admin Server)
  - No Repository DB
  - Some runtime limitations (e.g. no SSO support)
- Standalone Form Builder
  - Same option as seen in v12
  - Ideal for development with a shared remote server
  - Include all design-time tools.
  - No runtime components

Oracle Reports – Currently not planning to support any of the new options

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What You Need To Know

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Preparing for 14c

1. Minimum FMW upgrade starting version: 12.2.1.4/12.2.1.19
2. Minimum DB version: Likely 19.x or 23.x (*to be determined*)
3. Operating System version: Many OS versions previously certified in earlier versions will no longer be certified. *Exact OSs and versions are still being reviewed.*
4. Forms Standalone Launcher or Java WebStart
5. Embedded applet (with Java Plugin) may be included, but not likely supported.

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Get the Latest Information

Many new features planned for Forms.

Refer to Oracle Forms Statement of Direction for details:

https://www.oracle.com/docs/tech/oracleformssod.pdf

Next major FMW release planned for availability in 2024.

Refer to Fusion Middleware Statement of Direction for details:

https://www.oracle.com/a/ocom/docs/middleware/fusion-middleware-statement-of-direction.pdf

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DOAG 2023 – German Oracle User Group Conference

November 21 (DOAG) - In person conference

Why Do I Need Oracle Forms

Life After Oracle Forms 12c

Q&A: Oracle's Michael Ferrante talking to Forms customers and developers

https://my.doag.org/events/anwenderkonferenz/2023/agenda/#eventDay.all#textS#textSearch.ferrante

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Thank you

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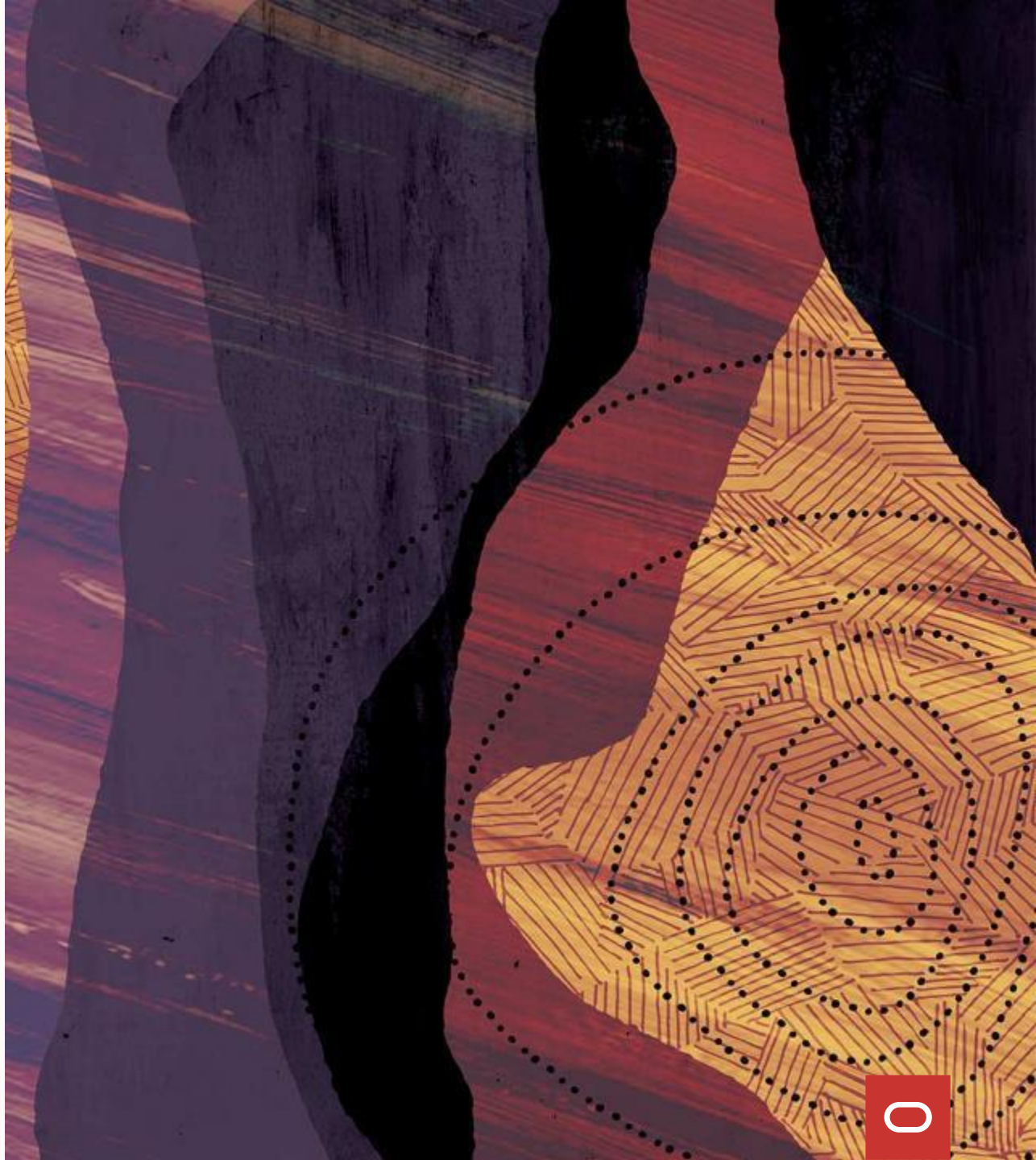
X (*aka Twitter*): @OracleFormsPM



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