



ORACLE

Oracle Forms Features Face-lift

Leaping into “modern”

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Safe harbor statement

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Agenda

1. Forms 14c Getting Prepared
2. Features Overview
3. UI Feature Highlights
4. Data Access, Handling, and Integration
5. Installation and Configuration (domain creation)



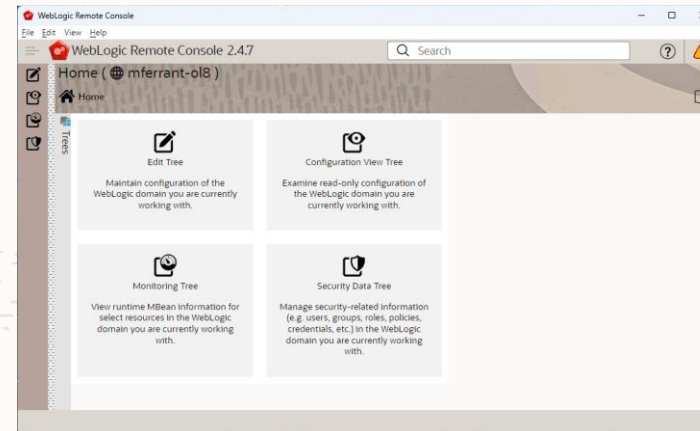
Oracle Fusion Middleware 14.1.2 with Forms and Reports



Forms 14c Getting Prepared

- Planned for availability on Oracle and Red Hat Linux and MS Windows in 2024.
- Distributions for other planned platforms (e.g. SPARC, AIX, etc) may be delayed slightly.
- Older operating systems (e.g. Win10, OL7, etc) will no longer be certified.
- Older Oracle Database versions (e.g. 12.x, 11.x, etc) will no longer be certified.
- Software will require/use Oracle Java (JDK) 17, but is also planned to certify with 21.
- Application upgrading will be simple if starting from v11. Regeneration is all that is expected.
- Software upgrading will only be supported if currently on 12.2.1.4 or 12.2.1.19.
- WebLogic Remote Console

<https://github.com/oracle/weblogic-remote-console>

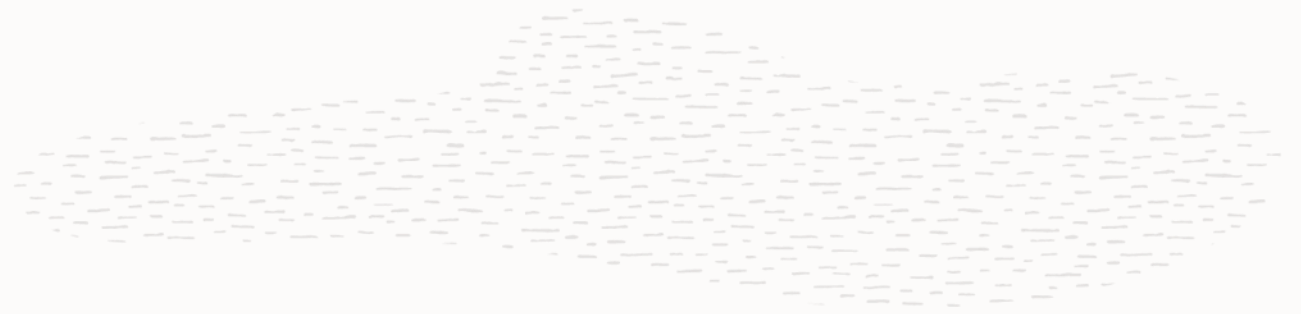




Forms 14c Feature Overview

Forms 14c Features Overview

- Extensive runtime UI improvements
- Programmatic improvements for interacting with data
- Forms Standalone Launcher improvements
- Minor design-time improvements
- Minor administration improvements
- New domain creation options
- New/improved security features



Forms UI Objects

Text and Display Items

Text

Edit item

Placeholder

Progress bar: 72%

Edit item with text counter

27 / 1000

Bar chart:

Category	Value	Max
Red	66%	Max 70
Dark Red	54%	Max 85
Green	46%	Max 100

Gauge 1: 89876

Gauge 2: 59044

Pie chart: 53%

Buttons Items

Save

Print

Help ?

Execute

Submit

Go...

List Items

Combo with filter

Horse

Spin box

Horse

Slider

34

Boolean Items

Switch


Large Switch

Toggle Button

Toggle Button



Tiles




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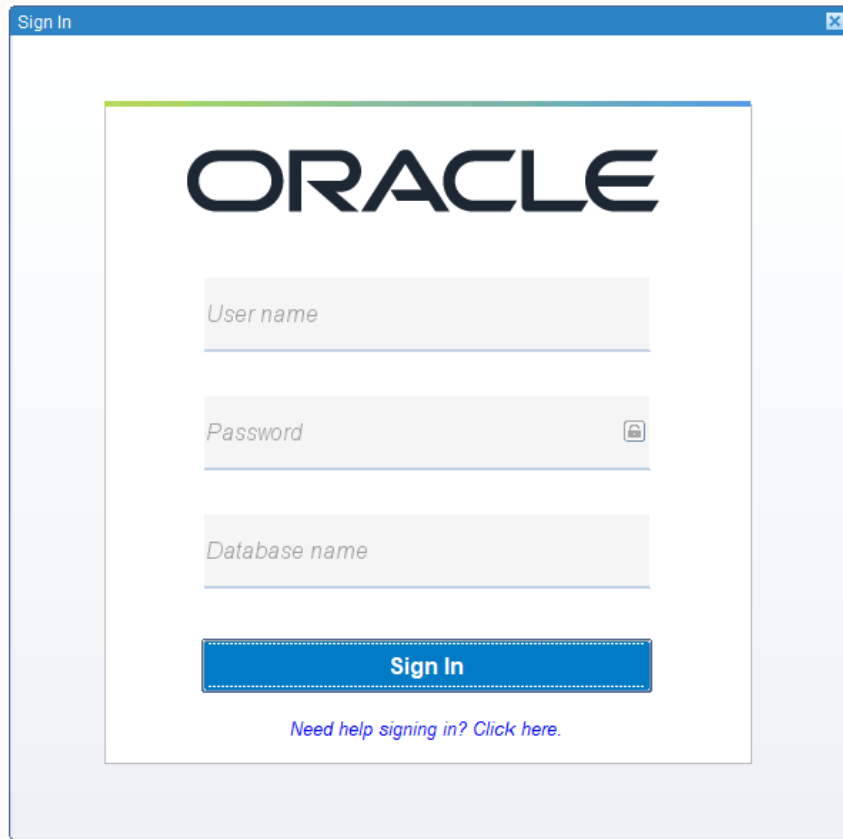
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Country	Phone	Mgr	Dept No.
US	1-999-999-9999	100002	7



Login Example



Sign In

ORACLE

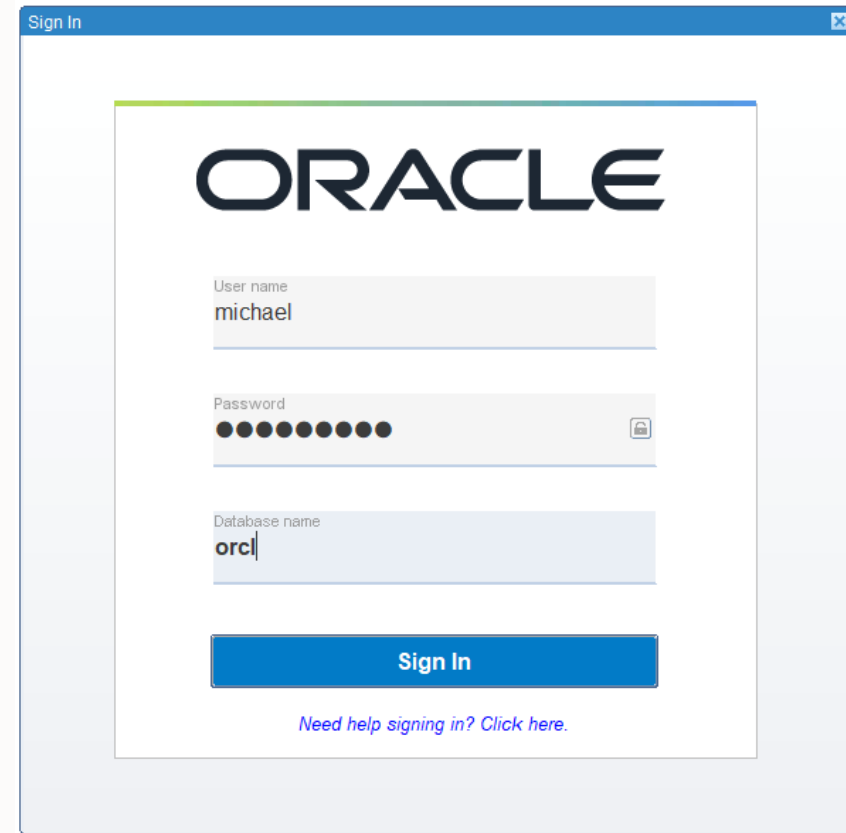
User name

Password

Database name

Sign In

[Need help signing in? Click here.](#)



Sign In

ORACLE

User name
michael

Password
●●●●●●●●

Database name
orcl

Sign In


[Need help signing in? Click here.](#)

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



Data Access, Handling, and Integration

- Access data via REST
- Continuous Query Notification
- Data Sorting

 United States Postal Service

2300 ORACLE WAY

Street address

Street address line 2

AUSTIN

City

Texas

State

Urbanization (applies to Puerto Rico only)

78741

Zipcode

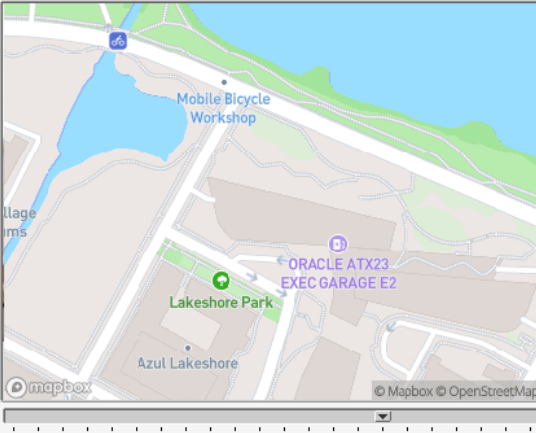
1400

Zipcode+4

Verify address

Get zipcode

Get city/state



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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 granular environment customization is needed (e.g., loadbalancing)
 - Installs full runtime and all design-time tools
 - Requires Repository DB
 - Same option as seen in v12

Intended for Development

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

** Oracle Reports – Not planning to support any new config options*



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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Thank you

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