ORACLE

Oracle Forms

Full steam ahead

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Safe Harbor

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

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A Summary of Oracle Forms 12.2.1

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Forms 12c Family of Features

12.2.1.0

- Runtime UI improvement.
- System Events.
- Audio playback.
- Builder usability improvements.
- Introduction of Web Start and Standalone Launcher.
- Extensive JVM Controller improvements.
- Integration with OPSS for RAD storage.
- Integration with BI-Publisher.
- Introduction of CustomColorSchemes

12.2.1.1

- Builder – auto-backup.
- CLIENT_DPI improvement.
- Introduction of Forms Helper Script.
- Web Start improvements.

12.2.1.3

- Runtime UI improvement.
- Builder usability improvements.
- Introduction of Forms Application Deployment Services.
- Add SSO to JWS/FSAL
- Introduction of Java Script integration for browser-less configurations.
- Updated database client (RSF) components (e.g. pl/sql, net, sqlplus, etc)
- Introduction of Forms in Cloud Marketplace.

12.2.1.4

- Runtime UI improvement.
- Forms Standalone Launcher improvements.
- FSAL integration with Builder.
- Improvements to Forms in Cloud Marketplace.
- WebUtil improvements.
- Support for columns sizes up to 2M-1 (2097151) chars
- Security improvements.
- Added Croatian support to runtime.

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Forms New 12.2.1.19 Features

- Updated Embedded Database Client (19.14)
- Oracle Forms Standalone Launcher Improvements
  - SSL/TLS Certificate Importer
  - Specify Required Java Version
  - Automatically Detect User Language
  - Expanded *showDetails* Command Line Argument
  - Allow Applications to Run when JARs not Found
  - Launch FSAL from Web Pages Using Custom Protocol Handlers
- Forms Translation Tool (XLIFF Extract and Merge Utility)
- Forms Builder Enhancements
  - Copy PLSQL Code Editor Errors to Clipboard
  - FSAL Logging to File
- Forms Runtime Enhancements
  - New Applet Parameter *clientDPIRatio*
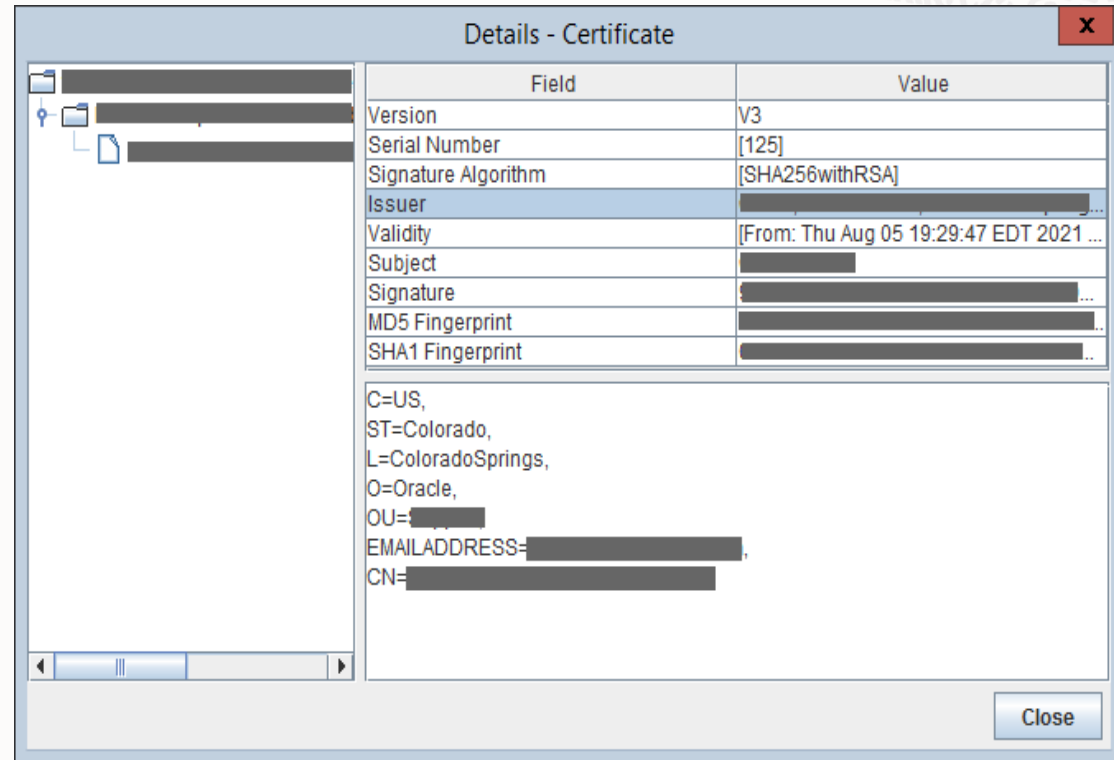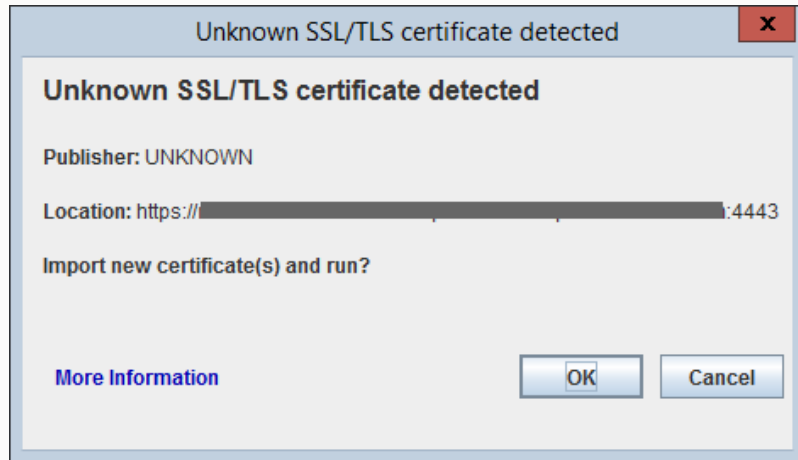 - WebUtil Logging Enhancement for *CLIENT_HOST*

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Updated Embedded Database Client

All of the following are updated to version 19.14

- DB utilities
  - sqlplus
  - imp
  - netca
  - tnsping
  - And others…
- DB networking (i.e. Oracle Net) support
- PL/SQL

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FSAL SSL/TLS CERTIFICATE IMPORTER

https://www.oracle.com/a/tech/docs/fsal-usage-v12.2.1.19.pdf

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Forms XLIFF Extract and Merge Utility

Before:

```
...

<file datatype="fmb" original="bitester.fmb" source-language="en-US" target-language="en-US">

...

<source>BI Publisher Username</source>

<target>BI Publisher Username</target>
```

After:

```
...

<file datatype="fmb" original="bitester.fmb" source-language="en-US" target-language="es">

...

<source>BI Publisher Username</source>

<target>Nombre de usuario de BI Publisher</target>
```

https://www.oracle.com/a/otn/docs/application-development/OracleFormsXLIFFUtility1221.pdf

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Support for 12c

Oracle Fusion Middleware Releases – 12c

Release	GA Date	Premier Support Ends	Extended Support Ends	Sustaining Support Ends
Fusion Middleware 12c (12.2.x) [3]	Oct 2015 – Apr 2016	Dec 2025 [4,5]	Dec 2027 [5]	Indefinite

For information on bug fix and patch release policies, please refer to the Oracle Fusion Middleware Error Correction Policy (Doc ID: 209768.1).

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

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Forms 14

Availability date yet to be announced.

It's time to take another look

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"I'm not afraid of death, but I'm in no hurry to die, I have so much I want to do first."

Stephen Hawking

1942 – 2018

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What's Planned for Forms 14.1.2

- Many widget (runtime) improvements
- Forms Standalone Launcher improvements
- Builder improvements
- Data access via REST using PL/SQL calls
- Built on RSF (Database) 23.x
- Java 11/17 support on server
- Diagnostic improvements
- Fusion Middleware Control improvements
- New lightweight installation options
- New Cloud Marketplace image
- Many others . . .

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Proposed Widget and Visualization Improvements
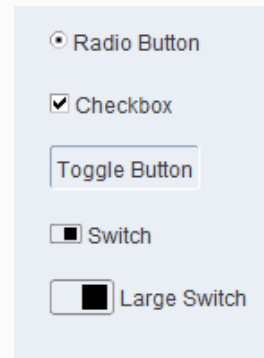
Push Buttons

- Labels and images
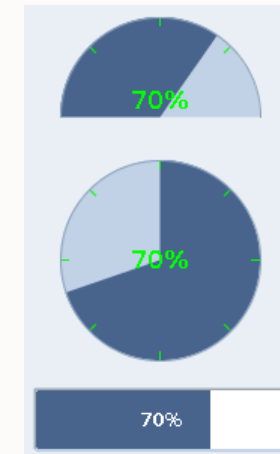- Rollover color swap
- Rollover image swap
- Border colors

Radio Buttons and Check Boxes

- Toggle button
- Small switch
- Large switch

Display Items

- Half-gauge
- Gauge
- Progress bar

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Administration in Fusion Middleware Control

Upgrade or Clean Installation

Upgrade (retain existing WLS Domain)

- Likely to require the starting version to be 12.2.1.4 or 12.2.1.19.

- Likely to require post-upgrade manual steps to finalize upgrade.

- Often orphans obsolete settings, leaving the configuration files with excessive and unneeded clutter.

- Retains most previous configuration settings.

- Reduces amount of time to move to new version and be fully functional.

Clean Installation (and new WLS Domain)

- Fewer steps compared to upgrading.

- Minimal to no post install steps needed.

- Includes new feature settings that otherwise need to be manually created when upgrading.

- Easier long term maintenance since remanence of old version does not exist.

- Take advantage of new install options.

- Requires that customizations be manually created.

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Roadmap

- Premier Support for 12.2.1 currently goes until the end of 2025.

- Extended Support for 12.2.1 currently goes until the end of 2027.

- Dates for 14.1.2 availability are still being reviewed, however we are currently anticipating availability in 2024. Exactly when it will be available may shift sooner or later depending on a variety of factors.

- It is planned that the next major release (e.g. 14.1.2) will be offered with the standard five (5) years of Premier Support and three (3) years of Extended Support.

- When released, the LSP will be updated to reflect this new version and its Support dates.

Additional information about Fusion Middleware releases and it general roadmap can be found in the FMW Statement of Direction.

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

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Thank you

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