

# Oracle® Financial Services Application Studio Cloud Service

## Release Notes



Release 14.8.2.0.0

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# Preface

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## Purpose

Welcome to the User Guide for Oracle Financial Services Application Studio Cloud Service. This guide explains the operations that the user will follow while using the application.

## Intended Audience

This document is intended for the following audience:

- Customers
- Partners

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

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## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

# 1

## Overview

This topic provides information on overview of the product.

Oracle Financial Services Application Studio enables teams to design, configure, version, and publish financial-services solution artifacts—especially UI components and APIs—using guided, standardized flows aligned with OBMA architecture.

# 2

## Features and Enhancements

The following describes the new enhancements made in Oracle Financial Services Application Studio Cloud Service 14.8.2.0.0 release.

### Service API Creation & Management

- Standardized API generation for multiple component categories including **Data Segment, Individual, and Maintenance components**, supporting consistent backend integration with UI screens.
- **Supported DTO field types**: String, Number and Date (mapped to corresponding Java types and UI input controls).
- **Data Segment service creation**: Generates services with base path /extensions/<service\_name>, supports optional OBMA Rule Engine validation codes and auto-creates required database entries.
- **Individual component service creation**: Generates services with base path /extensions/<service\_name>, supports optional validations and auto-creates required database entries.
- **Maintenance summary component service creation**: generates services with base path /<service\_name>, supports optional validations, allows multiple DTOs (one per maintenance step) via Add New Business Object and auto-creates required database entries including Summary/Maintenance CCA names.
- **Import services**: Upload a ZIP package of service artifacts from the Services screen to register services in the application.
- **Download services**: Export one or more services as a single ZIP for storage/sharing/migration.
- **Edit services**: Update an existing service by adding new fields. Existing fields cannot be modified (for example, one cannot change the data type of an existing field).
- **Delete services**: Removes the service and all associated entries/records.

### UI Designs (User Interface Designs)

- Central module to **create, import, edit, manage versions and publish UI** design artifacts (Navigation: Dashboard → User Interface Designs).
- **List-page controls**: Filter, Refresh, Import Screens and Create New Design.
- **Supported UI design patterns**: Standalone, Flow, Widget, Data segment and Maintenance.
- **Edit Component**: Select an artifact version, edit in designer, then save and republish.
- **Publish Component**: Publish a selected design version to make it the published runtime version.

### UI Pattern Creation (Key Workflows)

- **Data segment pattern**: Create component → configure endpoint/DTO binding → design template by mapping UI elements to DTO fields. The required DB entries are added on save.

- **Process Flow Data segment:** Flow-focused reusable data segment. Uses the same designer editor with pattern-specific initialization (init function).
- **Standalone screen:** Create component → configure endpoint/data source (including hosted swagger mapping) → design UI layout and actions. Optional init function generation based on configured paths/parameters.
- **Maintenance Summary screen:** Guided creation with endpoint and maintenance component/DTO configuration, step-wise template design and final summary review (including required query params and optional filter config).
- **Import Screens:** Import UI designs via drag-and-drop package/file and refresh list to confirm availability.

### Audit Logs

- Centralized auditing of **all API activity** for OFS-generated components (including calls from **OFS and App Shell**).
- **Tabular view:** Timestamp, method, endpoint, response status, origin (App Shell/OFS), duration and details including request/response payloads and exceptions. Supports filtering as well.
- **Visual overview:** Top 10 most hit APIs, method distribution, common status codes and top 5 slowest APIs.

### Integrated AI Assistant

- AI features to reduce manual effort, improve standardization and enable **automatic mapping** between UI fields and service parameters/DTO fields.
- **Chat-based UI design generation:** Generate UI templates from natural-language prompts (currently limited to a set of form-oriented OJET components), user then focuses primarily on mapping.
- **Chat-based UI + service workflow configuration:** Conversationally define service and DTO fields. AI generates service artifacts, creates aligned UI inputs and performs automatic field-to-DTO mapping for persistence.

### OBMA App Shell Integration

- **Published OFS components** become consumable in the OBMA App Shell, enabling reuse of UI templates, bindings and persistence behavior within end-to-end application flows.
- Supports extending existing Maintenance flows by **plugging new Data Segments** backed by mapped services for persistence.



# 3

## Components of the Software

The components of the software are covered in this topic.

- [Documents Accompanying the Software](#)  
The various documents accompanying the software are as follows:
- [Software Components](#)  
Software Components of Oracle Financial Services Application Studio Cloud Service 14.8.2.0.0 that are part of this release are as follows:

### 3.1 Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Notes
- User Guides

### 3.2 Software Components

Software Components of Oracle Financial Services Application Studio Cloud Service 14.8.2.0.0 that are part of this release are as follows:

**Host:**

- Service and API Components
- UI Components
- Database objects which include tables, sequences and seed data
- Configuration files used for deployment

# 4

## Environment Details

The Tech Stack details of **Oracle Financial Services Application Studio Cloud Service** are covered in this topic.

**Table 4-1 Tech Stack – Oracle Financial Services Application Studio Cloud Service**

Component	Machine	Operating System	Software	Version Number
Oracle Financial Services Application Studio Cloud Service	Application Server	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic	14.1.2.0.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 17.0.18
			Oracle Coherence	14.1.2.0.0
			Conductor	3.15.0
	Database Server	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.29.0.0.0
	UI	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle JET	v18.1.0
	Message Broker	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Apache Kafka	2.13-3.9.1

### Note

- # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10.
- **Client Machines#:** For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at <https://www.oracle.com/middleware/technologies/browser-policy.html>.
- Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.

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## Third-Party Software

This topic describes about the license information for third-party software.

For information on the third-party software, refer to the Oracle Financial Services Application Studio Cloud Service License Guide.

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