

**Oracle Functional Testing Advanced
Pack for Oracle Utilities**

Release Notes

Release 5.0.0

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Preface

This Release Notes provides an overview of the new features and known issues in Oracle Functional Testing Advanced Pack for Oracle Utilities, Release 5.0.0. Note that the product is referred to as Oracle Functional Testing Advanced Pack for Oracle Utilities v5.0.0. or OFTAPOU v5.0.0 in this document.

The preface includes the following sections:

- [Audience](#)
- [Related Documents](#)
- [Notational Conventions](#)

Audience

This Release Notes is intended for anyone installing or using Oracle Functional Testing Advanced Pack for Oracle Utilities v5.0.0.

Related Documents

For more information, see these resources:

- *Oracle Functional Testing Advanced Pack for Oracle Utilities Installation and Administration Guide*
- *Oracle Functional Testing Advanced Pack for Oracle Utilities User's Guide*
- *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Oracle Utilities Application Framework*
- *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Oracle Utilities Mobile Workforce Management and Oracle Real-Time Scheduler*
- *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Oracle Utilities Customer Care and Billing*
- *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Oracle Utilities Work and Asset Management*

Notational Conventions

The following text conventions are used in this document:

Notation	Indicates
boldface	Graphical user interface elements associated with an action, terms defined in text, or terms defined in the glossary
<i>italic</i>	Book titles, emphasis, or placeholder variables for which you supply particular values
monospace	Commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter

Release Notes

This chapter introduces Oracle Functional Testing Advanced Pack for Oracle Utilities, Release 5.0.0. It includes the following topics:

- [What's New in Oracle Functional Testing Advanced Pack for Oracle Utilities](#)
- [System Requirements](#)
- [Known Issues](#)

What's New in Oracle Functional Testing Advanced Pack for Oracle Utilities

Oracle Functional Testing Advanced Pack for Oracle Utilities comprises test automation accelerators for automated testing of the Oracle Utilities applications.

This section provides general information about this release of Oracle Functional Testing Advanced Pack for Oracle Utilities.

The product packs that are part of this release are as follows:

- Oracle Utilities Application Framework Pack
- Oracle Utilities Customer Care and Billing 2.5.0.1 Pack
- Oracle Utilities Mobile Workforce Management 2.2.0.3 Pack
- Oracle Utilities Work and Asset Management 2.1.0.0 Pack

The Developer Tools that are part of this release are as follows:

- Component Generation Tool
- Component Schema Validation Tool

New Product Packs

Oracle Utilities Application Framework

Oracle Functional Testing Advanced Pack for Oracle Utilities for Oracle Utilities Application Framework is a test starter pack built on top of Oracle Functional Testing Advanced Pack for Oracle Utilities that generates test automation scripts for Web services using Oracle Flow Builder.

Oracle Functional Testing Advanced Pack for Oracle Utilities for Oracle Utilities Application Framework contains product-specific components to be used to build test flows in Oracle Flow Builder to test the Oracle Utilities Application Framework application. The Oracle Utilities Application Framework components correspond to specific entities, such as business objects, service scripts, or business services used for interfacing with the application.

This release also contains two UI sample flows and a Web Service used to understand the flow creation process. These flows are listed as follows:

- **F1-ToDoFlow**

F1-ToDoFlow is a Web Service flow comprising the creation for ToDo Role, ToDo Type, ToDo Entry, Assign ToDo Entry, and Complete ToDo Entry, and also the completion life cycle of an ToDo.

- **ToDoFlow (UI Flow)**

ToDoFlow includes the creation of ToDo Role, ToDo Type, ToDo Entry, and also to complete the ToDo Entry.

- **ToDoRoleFlow (UI Flow)**

ToDoRoleFlow is a UI flow that includes the Create, Read, Update and Delete operations of ToDo Role.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Oracle Utilities Application Framework*.

Oracle Utilities Mobile Workforce Management (v2.2.0.3)

Oracle Functional Testing Advanced Pack for Oracle Utilities for Mobile Workforce Management and Oracle Real-Time Scheduler is a test starter pack built on top of Oracle Functional Testing Advanced Pack for Oracle Utilities that generates test automation scripts for Web services using Oracle Flow Builder.

Oracle Functional Testing Advanced Pack for Oracle Utilities for Mobile Workforce Management and Oracle Real-Time Scheduler contains product-specific components to be used to build test flows in Oracle Flow Builder to test the Oracle Utilities Mobile Workforce Management and Oracle Real-Time Scheduler applications. The Oracle Utilities Mobile Workforce Management components correspond to specific entities, such as business objects, service scripts, or business services used for interfacing with the application.

This release also contains three sample flows used to understand the flow creation process. These flows are listed as follows:

- **Non-MDT Flow**

The Non-MDT flow comprises the creation and completion life cycle of an M1 activity - break, non-productive task (NPT), and real period of unavailability (POU), along with the crew shift.

- **MDT Flow**

The M2-Non-MDT flow includes the creation and completion of M-Activity (Install Meter Activity, for example).

- **MDT Flow Using NextGen MCP**

The MDT flow includes the creation and completion of an activity, break, non-productive task (NPT), and real period of unavailability (POU) using NextGen MCP.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Mobile Workforce Management*.

Oracle Utilities Customer Care and Billing (v2.5.0.1)

Oracle Functional Testing Advanced Pack for Oracle Utilities for Customer Care and Billing is a test starter pack built on top of Oracle Functional Testing Advanced Pack for Oracle Utilities that generates test automation scripts for Web services using Oracle Flow Builder.

Oracle Functional Testing Advanced Pack for Oracle Utilities for Customer Care and Billing contains product-specific components to be used to build test flows in Oracle Flow Builder to test the Oracle Utilities for Customer Care and Billing applications. The Oracle Utilities for Customer Care and Billing components correspond to specific entities, such as business objects, service scripts, or business services used for interfacing with the application.

This release also contains five sample flows used to understand the flow creation process. These flows are listed as follows:

- **StartService**

The StartService flow creates a meter/meter configuration, meter read, pending start SA, and completion of the start service FA before the SA is activated.

- **StopService**

The StopService flow initiates a 'stop service' request. As part of the full 'stop service' flow, steps for creating a final meter read and completion of the stop service FA are included.

- **CreatePaymentEvent**

The CreatePaymentEvent flow creates a Payment Event, and then distributes and freezes the payments.

- **CreatePremiseAndAccount**

This flow creates a Premise, Service Point, Person, and Account; Collectively referred to as "V" objects.

- **CreateBill**

The CreateBill flow generates, freezes, and completes a bill. It uses the C1-BillAdd and C1-BillUpdate components, and an additional F1-SendResultsMail component to be able to notify the user of the test results via an email.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Customer Care and Billing*.

Oracle Utilities Work and Asset Management (v2.1.0.0)

Oracle Functional Testing Advanced Pack for Oracle Utilities for Work and Asset Management is a test starter pack built on top of Oracle Functional Testing Advanced Pack for Oracle Utilities that generates test automation scripts for Web services using Oracle Flow Builder.

Oracle Functional Testing Advanced Pack for Oracle Utilities for Work and Asset Management contains product-specific components to be used to build test flows in Oracle Flow Builder to test the Oracle Utilities for Work and Asset Management applications. The Oracle Utilities for Work and Asset Management components correspond to specific entities, such as business objects, service scripts, or business services used for interfacing with the application.

This release also contains four sample flows used to understand the flow creation process. These flows are listed as follows:

- **W1-MaterialDisposition Flow**

Customer calls to report some problem with Motor and then technician examined that it has to be sent to Repair as the Motor is within Warranty. The faulty motor will be replaced with the new asset issued from the storeroom via material disposition complete exchange and the repair Work order will be created for the faulty motor.

- **W1-ReorderReview_Inventory**

Inventory adjustment creates a Reorder review for Inventory stock items.

- **W1-ReorderReview_InventoryLot**

Inventory adjustment creates a Reorder review for Inventory lot stock items.

- **W1-Work Demand Flow**

Work Order/Activity creates demand where stock transfer is needed to complete work.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Functional Testing Advanced Pack for Oracle Utilities Reference Guide for Work and Asset Management*.

System Requirements

See the **System Requirements** section in **Chapter 3** in the *Oracle Functional Testing Advanced Pack for Oracle Utilities Installation and Administration Guide* for more details.

Known Issues

The following issues are known in Oracle Functional Testing Advanced Pack for Oracle Utilities v5.0.0 at the time of this release.

Oracle Utilities Application Framework

Delivered UI sample flows only work in Oracle Utilities applications that are based on Oracle Utilities Application Framework v4.3.0.1.

Due to the nature of UI automation (dependency on Document Object Model), the sample UI flows that are delivered as part of Oracle Functional Testing Advanced Pack for Oracle Utilities for Oracle Utilities Application Framework only work in Oracle Utilities Applications that are based on Oracle Utilities Application Framework v4.3.0.1.

Workaround:

There is no workaround for this issue since the UI flows change based on the UI being tested.

Oracle Utilities Mobile Workforce Management v2.2.0.3

MDT Flow using Next-Gen MCP Framework

The sample flow shipped as part of Oracle Functional Testing Advanced Pack for Oracle Utilities for Mobile Workforce Management and Oracle Real-Time Scheduler needs Google Chrome to be set as the default browser.

These sample components cannot be customized as recording the xpaths needed is not yet supported by Oracle Application Testing Suite 12.5.0.2.

Login Error

Unable to login to the Oracle Flow Builder application server.

Workaround:

It is recommended that the connection pool size is set to 50 or higher. This can be done through the WebLogic console (available at http://<OFB_HOST>:<OFB_ADMIN_PORT>/console).