

# How to create a context-sensitive DFF in Oracle Fusion

This guide walks you through how to create a context-sensitive DFF in Oracle Fusion, from locating the Manage Descriptive Flexfields task to defining a new context, adding a context-sensitive segment, deploying the flexfield, and entering data against the new segment in a business object.

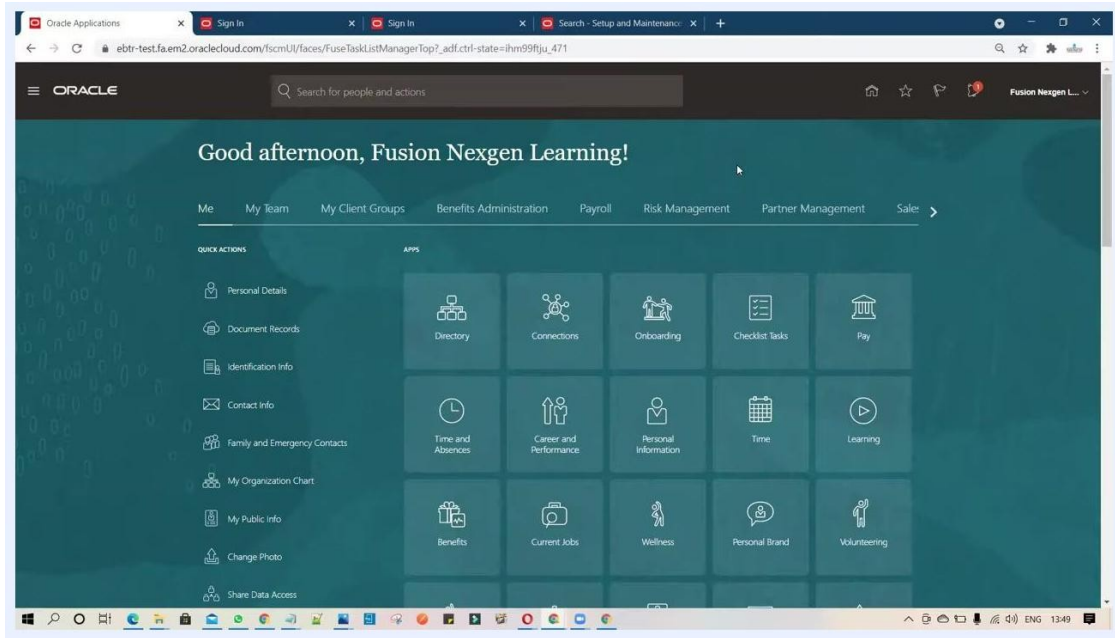
## Prerequisites

- Access to an Oracle Fusion Applications environment with a valid user login.
- Privileges to access **Setup and Maintenance** and the **Manage Descriptive Flexfields** task.
- Knowledge of the flexfield you intend to configure (for example, Subinventories) and its flexfield code.

# Locating the descriptive flexfield

## 1. Access Oracle Fusion Applications

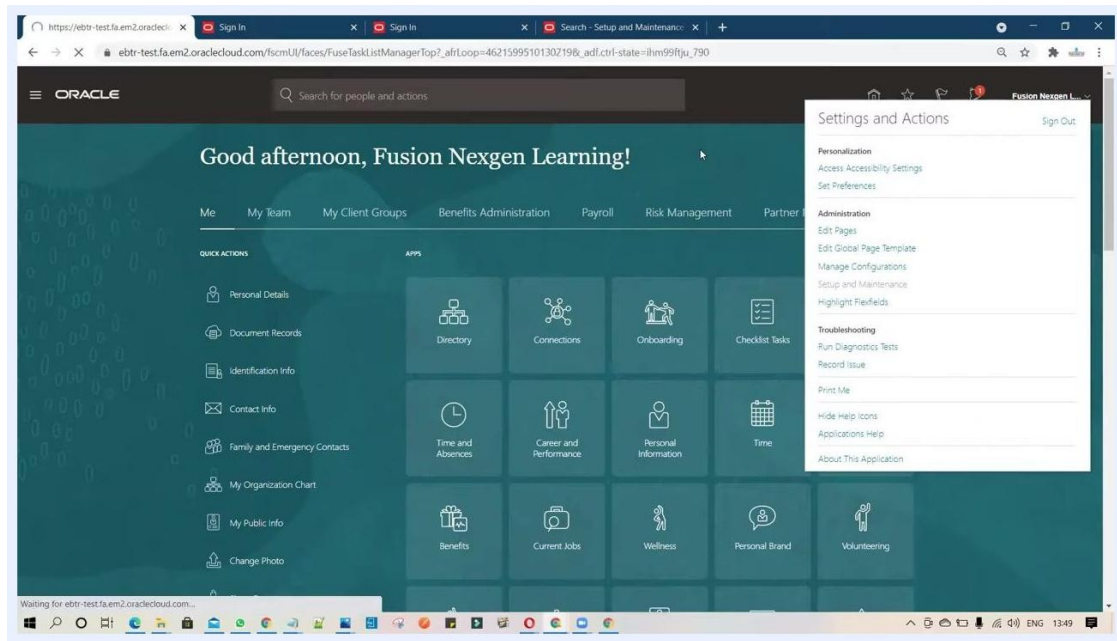
Log in to your Oracle Fusion Applications environment. Once signed in, you land on the homepage, which displays a welcome message (for example, "Good afternoon, Fusion Nexgen Learning!") along with application tiles such as Directory, Connections, Onboarding, Checklist Tasks, and Pay.



Oracle Fusion homepage displaying application tiles and the navigation bar for a logged-in user

## 2. Navigate to Setup and Maintenance

Click your user profile or the settings icon in the top-right corner. From the dropdown menu, select **Setup and Maintenance** under the Administration section.



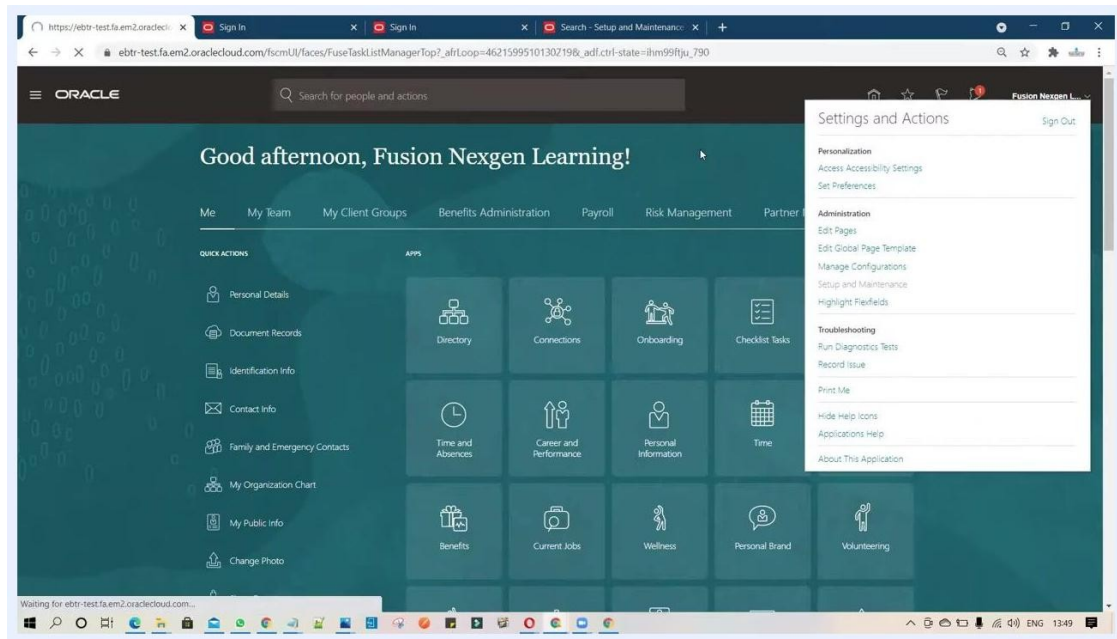
Settings and Actions dropdown open, with Setup and Maintenance highlighted

## 3. Open the task list

In the **Setup and Maintenance** area, locate the right-hand panel and click **Task List** to expand the available options.

#### 4. Search for the Manage Descriptive Flexfields task

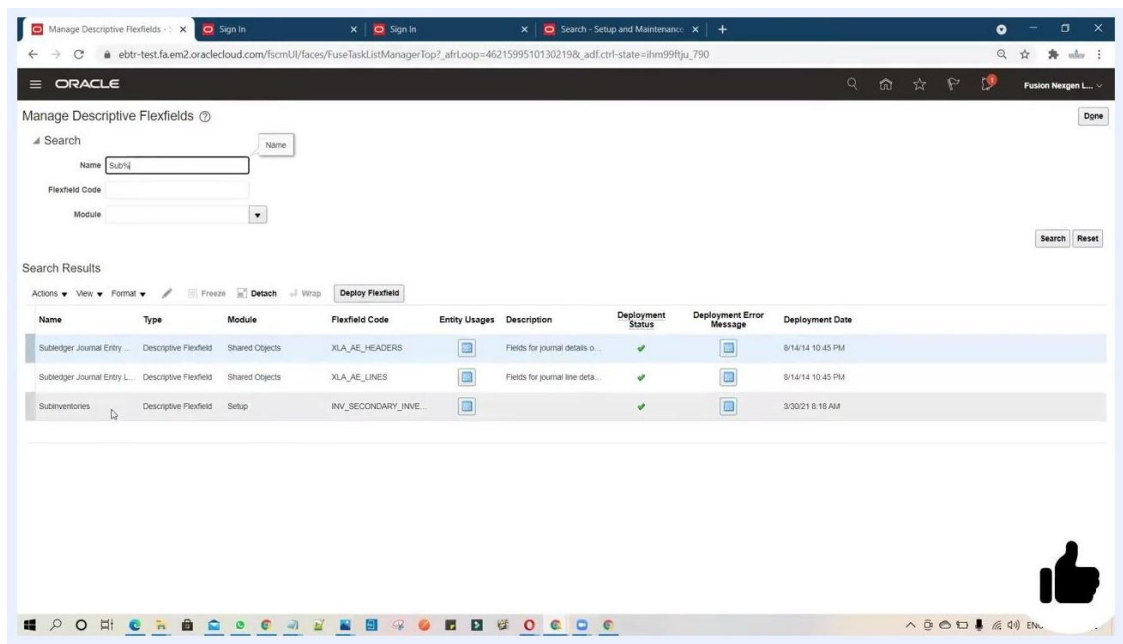
In the Task List, click **Search**, then enter **Manage Descriptive Flexfields** in the search bar. Click the matching result to open the Manage Descriptive Flexfields page.



**Setup and Maintenance screen with the Task List and Search options visible before searching for Manage Descriptive Flexfields**

## 5. Search for the flexfield code

On the **Manage Descriptive Flexfields** page, use the search fields at the top. In the **Name** field, enter a partial value such as **Sub%** to filter the relevant flexfields, then review the results for the flexfield you want to configure (for example, Subinventories).



**Manage Descriptive Flexfields screen showing search results for "Sub%", including the Subinventories flexfield with columns for Name, Type, Module, Flexfield Code, Entity Usages, Description, Deployment Status, Deployment Error Message, and Deployment Date**

# Configuring the context and context-sensitive segments

## 6. Select the flexfield to edit

In the Manage Descriptive Flexfields list, click the flexfield you want to configure (for example, Subinventories). The **Edit Descriptive Flexfield: Subinventories** page opens, displaying the global segments and context segment options.

**Edit Descriptive Flexfield: Subinventories screen showing global segments and context segment configuration options**

## 7. Open Manage Contexts

At the top right of the Edit Descriptive Flexfield page, click **Manage Contexts**. This lets you define new contexts for your flexfield.

## 8. Create a new context

Click **Add** (or **Create**) to start a new context. In the **Create Context** window, enter:

- **Display Name:** TEST2
- **Context Code:** TEST2
- **API Name:** Test2
- **Description:** TEST2
- Confirm the **Enabled** checkbox is selected.

Click **Save** to save the new context.

Oracle Fusion NetSuite - Create Context

Flexfield Name: Subinventories

Flexfield Code: INV\_SECONDARY\_INVENTORIES

\* Display Name: TEST2

\* Context Code: TEST2

\* API Name: Test2

Description: TEST2

☒ Enabled

Context Sensitive Segments

| Sequence                              | Name | Code | Value Data Type | Display Type | Value Set | Default Value | Enabled | Requires Prompt |
|---------------------------------------|------|------|-----------------|--------------|-----------|---------------|---------|-----------------|
| No data to display. Columns Hidden: 1 |      |      |                 |              |           |               |         |                 |

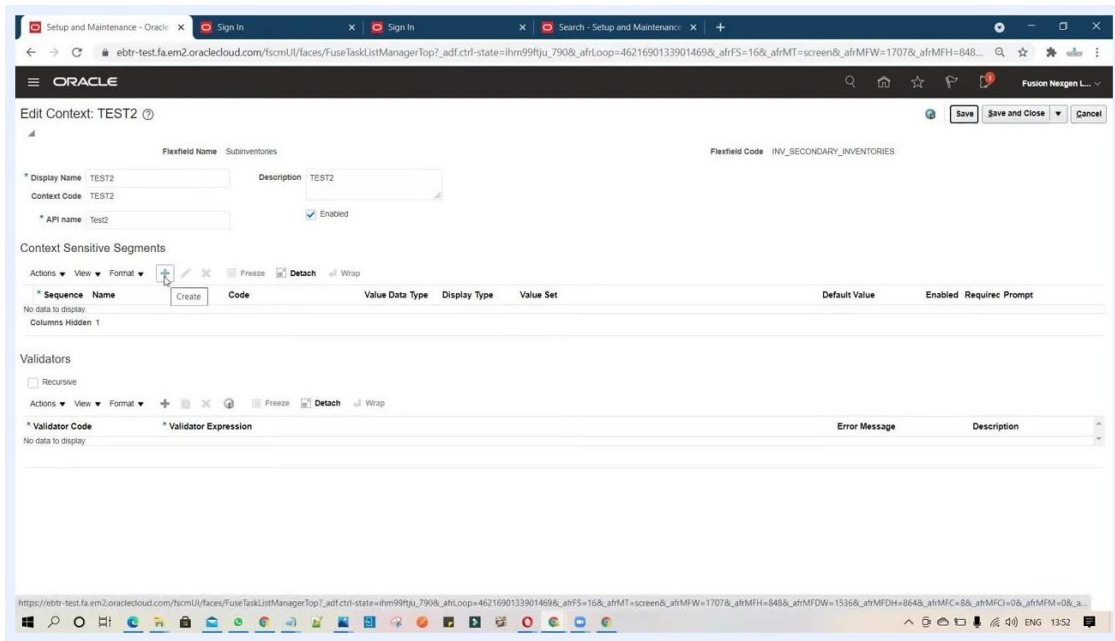
Validators

| Validator Code      | Validator Expression | Error Message | Description |
|---------------------|----------------------|---------------|-------------|
| No data to display. |                      |               |             |

Create Context window with Display Name, Context Code, API Name, and Description all set to TEST2

## 9. Create the context-sensitive segment

Under **Context Sensitive Segments**, click the **Create** (plus) button to add a new segment.



Edit Context: TEST2 screen with the plus button highlighted to add a context-sensitive segment

In the **Create Segment** window, enter:

- **Name:** TEST1
- **Code:** TEST1
- **API Name:** test1
- **Description:** TEST2
- **Data Type:** Character
- **Table Column:** ATTRIBUTE1
- **Prompt:** TEST1
- Confirm the **Enabled** checkbox is selected.

Leave the remaining fields at their defaults unless your business scenario requires changes.

## 10. Create a value set for the segment

In the **Validation** section, click **Create Value Set**. In the **Create Value Set** window, enter:

- **Value Set Code:** TEST1

Generated with docsie.io

- **Description:** optional, as needed
- **Module:** confirm [Inventory Management](#) is selected
- **Validation Type** and **Value Data Type:** set as required for your scenario

If you see the error "The value set code TEST1 already exists. Enter a unique value set code. (FND-2820)," enter a different, unique value set code, such as [TEST2](#).

Create Value Set window displaying the error: the value set code TEST1 already exists; enter a unique value set code (FND-2820)

Next, set the value set format and length:

- **Validation Type:** [Format Only](#)
- **Value Data Type:** [Character](#)
- **Value Subtype:** [Text](#)
- **Maximum Length:** [50](#)

This allows the value set to accept up to 50 characters.

The screenshot shows the 'Create Segment' form in Oracle. The 'Flexfield Name' is 'Subinventories' and the 'Flexfield Code' is 'INV\_SECONDARY\_INVENTORIES'. The 'Name' is 'TEST1', 'Code' is 'TEST1', and 'API Name' is 'test1'. The 'Context Code' is 'TEST2' and the 'Description' is 'TEST1'. The 'Enabled' checkbox is checked. The 'Table Column' is 'ATTRIBUTE1' and the 'Data Type' is 'Character'. The 'Value Set' is 'TEST2'. The 'Default Type' is set. The 'Prompt' is 'TEST1', 'Display Type' is 'Text Box', and 'Display Size' and 'Display Height' are set. The 'Definition Help Text' and 'Instruction Help Text' are empty. The 'Save', 'Save and Close', and 'Cancel' buttons are at the top right. A 'Mail' notification bubble is visible in the bottom right corner.

Create Value Set screen with Value Set Code TEST2, Format Only, Character, Text, and a Maximum Length of 50

## 11. Save the value set

Click **Save and Close** to save the value set, then confirm that **TEST2** is now selected in the segment configuration.

## 12. Configure the segment's display properties

In the **Create Segment** window, under **Display Properties**, set:

- **Display Size:** 20
- **Display Height:** 1

These values control the size of the segment's input box.

Oracle Setup and Maintenance - Oracle

ebtr-test.fa.em2.oraclecloud.com/fscmUI/faces/FuseTaskListManagerTop?\_afdl=state=i9m99fju\_7908\_afdLoop=4621690133901469&\_afF5=16&\_afMT=screen&\_afMFW=1707&\_afMFH=848...

ORACLE

Create Segment

Save Save and Close Cancel

Flexfield Name Subinventories

Flexfield Code INV\_SECONDARY\_INVENTORIES

\* Name TEST1

\* Code TEST1

\* API Name test1

Context Code TEST2

Description TEST1

Enabled

Column Assignment

\* Data Type Character

\* Table Column ATTRIBUTE1

View Value Set Create Value Set

Validation

\* Value Set TEST2

Value Set Description

Range Type

Required

Initial Default

Default Type

Display Properties

\* Prompt TEST1

\* Display Type Text Box

Display Size

Display Height

Read-only

Definition Help Text

Instruction Help Text

Mail

Mail has new messages

Create Segment screen with Display Size set to 20 and Display Height set to 1

### 13. Add help text for user guidance

In the **Definition Help Text** field, enter **TEST1**. In the **Instruction Help Text** field, enter **Please enter the value**. This provides guidance to users when they enter data in the segment.

**Oracle Create Segment Screen**

**Error Message:** Error: A context-sensitive segment cannot have the same API name as a global segment, even if it is in a different case. (FND-2575)  
A context-sensitive segment cannot have the same API name as a global segment, even if it is in a different case. (FND-2575)  
In application A01, descriptive flexfield INV\_SECONDARY\_INVENTORIES and context TEST2, segment TEST1 has the same segment identifier test1 as global segment TEST1.  
Specify a name that identifies the segment in web services, reporting, and other integration points. Changing this value could break the integration points.

**Field Properties:**

- Flexfield Name: Subinventories
- Flexfield Code: INV\_SECONDARY\_INVENTORIES
- Name: TEST1
- Code: TEST1
- API Name: test1

**Column Assignment:**

- Data Type: Character
- Table Column: ATTRIBUTE1

**Validation:**

- Value Set: TEST2

**Initial Default:**

- Default Type: Default

**Display Properties:**

- Prompt: TEST1
- Display Type: Text Box
- Display Size: 20
- Display Height: 1

**Help Text:**

- Definition Help Text: TEST1
- Instruction Help Text: Please enter the value

**Create Segment screen with Definition Help Text set to TEST1 and Instruction Help Text set to "Please enter the value"**

## 14. Enable BI reporting for the segment

Select the **BI Enabled** checkbox to make the segment available for use in BI reports, ensuring the data entered here is available for analytics.

**Oracle**

**Create Segment**

**Error: A context-sensitive segment cannot have the same API name as a global segment, even if it is in a different case. (FND-2575)**

A context-sensitive segment cannot have the same API name as a global segment, even if it is in a different case. (FND-2575)  
In application A01, descriptive flexfield INV\_SECONDARY\_INVENTORIES, and context TEST2, segment TEST1 has the same segment identifier test1 as global segment TEST1.

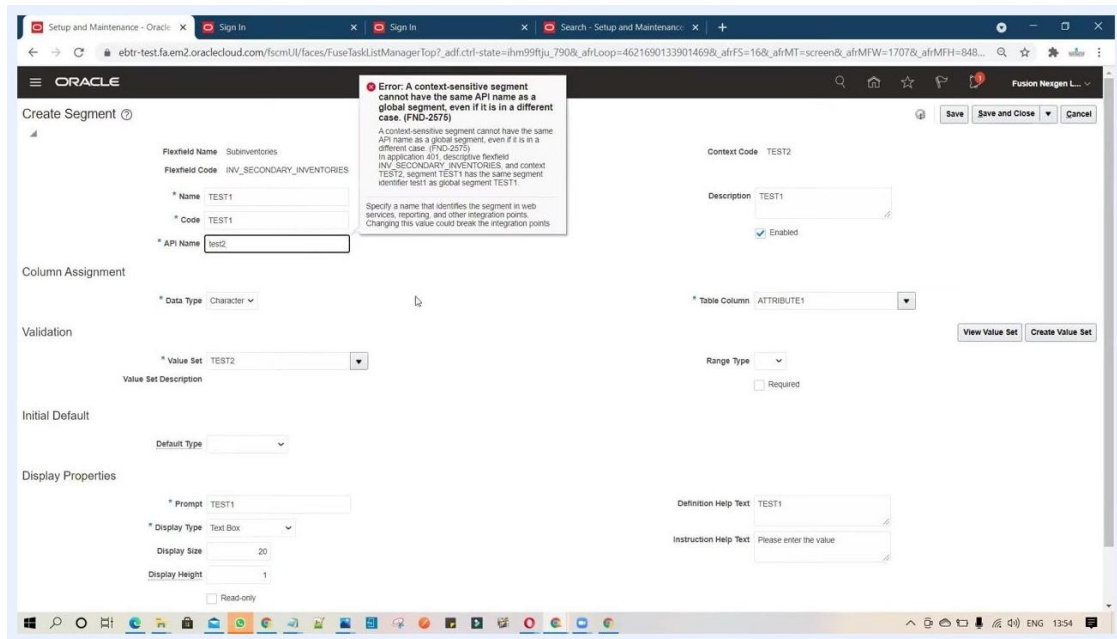
Specify a name that identifies the segment in web services, reporting, and other integration points. Changing this value could break the integration points.

**Flexfield Name:** Subinventories  
**Flexfield Code:** INV\_SECONDARY\_INVENTORIES  
**Name:** TEST1  
**Code:** TEST1  
**API Name:** test1  
**Context Code:** TEST2  
**Description:** TEST1  
**Enabled:** ☒  
**Data Type:** Character  
**Table Column:** ATTRIBUTE1  
**Value Set:** TEST2  
**Range Type:**   
**Required:** ☐  
**Initial Default:**   
**Display Properties:**  
**Prompt:** TEST1  
**Display Type:** Text Box  
**Display Size:** 20  
**Display Height:** 1  
**Read-only:** ☐  
**Definition Help Text:** TEST1  
**Instruction Help Text:** Please enter the value.

Create Segment screen with the BI Enabled checkbox highlighted

## 15. Resolve duplicate segment or API name errors

If you reuse a segment or API name that already exists (for example, [TEST1](#)), the system displays the error: "A context-sensitive segment cannot have the same API name as a global segment, even if it is in a different case. (FND-2575)." Change the **API Name** to a unique value, such as [test2](#), to resolve it.



Create Segment screen displaying the duplicate API name error, with the API Name changed to test2

## 16. Save the segment and context

After resolving all errors and confirming all fields are correctly filled, click **Save and Close** to finalize the segment and context.

## 17. Verify the segment configuration

In the **Edit Context: TEST2** screen, confirm the context-sensitive segment appears with these details:

- **Name:** [TEST1](#)
- **Code:** [TEST2](#)
- **Value Data Type:** [Character](#)
- **Display Type:** [Text Box](#)
- **Value Set:** [TEST2](#)
- **Enabled:** checked
- **Prompt:** [TEST1](#)

Ensure every detail matches your configuration before continuing.

**Edit Context: TEST2 screen showing the configured context-sensitive segment TEST1 with all properties**

## Making the segment available to the PIF

### 18. Set the display type for the context segment

In the Context Segment section, set the **Display Type** to **List of Values** and confirm the **BI Enabled** checkbox is selected. Leave other fields (API Name, Value Set, Default Type, BI Label, Definition Help Text, Instruction Help Text) as required, or blank if not specified.

### 19. Verify the segment's availability in the descriptive flexfield

Go to the **Edit Descriptive Flexfield: Subinventories** screen and confirm your segment (for example, **TEST1**) is listed under Global Segments with:

- **Table Column:** [ATTRIBUTE3](#)
- **Value Set:** [TEST Descriptive](#)
- **Prompt:** [TEST1](#)

In the Context Segment section, confirm:

- **Prompt:** [Context](#)
- **BI Enabled:** checked

- **Display Type:** List of Values

Under Context Sensitive Segments, verify that the context (for example, **TEST2**) and the segment you created (**TEST1**, with Table Column **ATTRIBUTE1** and Value Set **TEST2**) are both visible. This confirms the based segment is available to the PIF.

**Edit Descriptive Flexfield: Subinventories**

Name: Subinventories  
Flexfield Code: INV\_SECONDARY\_INVENTORIES  
Description:

Segment Separator:   
Application: Inventory Management  
Module: Setup

**Global Segments**

| Sequence | Name  | Table Column | Value Set        | Prompt |
|----------|-------|--------------|------------------|--------|
| 10       | TEST1 | ATTRIBUTE3   | TEST Descriptive | TEST1  |

Columns Hidden: 9

Show Global Segments Validators

**Context Segment**

\* Prompt: Context  
API Name:   
Value Set:   
Default Type:   
☐ Required  
\* Display Type: List of Values

**Context Sensitive Segments**

Specify segments based on the defined context value:

Context: TEST2

BI Enabled: ☒  
BI Label:   
Definition Help Text:   
Instruction Help Text:

**Edit Descriptive Flexfield screen showing the TEST1 segment under Global Segments and the TEST2 context under Context Sensitive Segments**

## 20. Apply and save your changes

Once all segments and settings are confirmed, click **Apply** to save your changes and wait for the system to process the update.

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Oracle

Edit Descriptive Flexfield: Subinventories

Name Subinventories

Flexfield Code INV\_SECONDARY\_INVENTORIES

Description

Segment Separator

Application Inventory Management

Module Setup

Manage Contexts Manage Segment Labels Save Save and Close Cancel

Global Segments

Actions View Format Freeze Detach Wrap

| Sequence | Name  | Table Column | Value Set        | Prompt |
|----------|-------|--------------|------------------|--------|
| 10       | TEST1 | ATTRIBUTE3   | TEST Descriptive | TEST1  |

Columns Hidden 9

Show Global Segments Validators

Context Segment

Prompt Context

API Name

Value Set

Default Type

Required

Display Type List of Values

BI Enabled

BI Label

Definition Help Text

Instruction Help Text

Context Sensitive Segments

Specify segments based on the defined context value.

Context TEST2

**Edit Descriptive Flexfield screen showing the Save and Close, Save, and Cancel buttons while changes are being applied**

## 21. Deploy the flexfield

Return to the **Manage Descriptive Flexfields** screen and locate your flexfield (for example, Subinventories, with Flexfield Code [INV\\_SECONDARY\\_INVENTORIES](#)). Click **Deploy Flexfield** to activate your changes and wait for deployment to complete.

Oracle Setup and Maintenance - Oracle | Sign In | Search - Setup and Maintenance

ebtr-test.fa.em2.oraclecloud.com/fscm/ui/faces/FuseTaskListManagerTop?\_afid=state=i1m99fju\_7908\_afidLoop=4621690133901469&\_afidS=168&\_afidMT=screen&\_afidMFW=1707&\_afidMFH=848...

ORACLE

Manage Contexts | Manage Segment Labels | Save | Save and Close | Cancel

Edit Descriptive Flexfield: Subinventories

Name: Subinventories

Flexfield Code: INV\_SECONDARY\_INVENTORIES

Description:

Segment Separator: -

Application: Inventory Management

Module: Setup

Global Segments

Actions: View | Format | Freeze | Detach | Wrap

| Sequence | Name  | Table Column | Value Set        | Prompt |
|----------|-------|--------------|------------------|--------|
| 10       | TEST1 | ATTRIBUTE3   | TEST Descriptive | TEST1  |

Columns Hidden: 9

Show Global Segments Validators

Context Segment

\* Prompt: Context

API Name:

Value Set:

Default Type:

☐ Required

\* Display Type: List of Values

BI Enabled: ☒

BI Label:

Definition Help Text:

Instruction Help Text:

Context Sensitive Segments

Specify segments based on the defined context value:

Context: TEST2

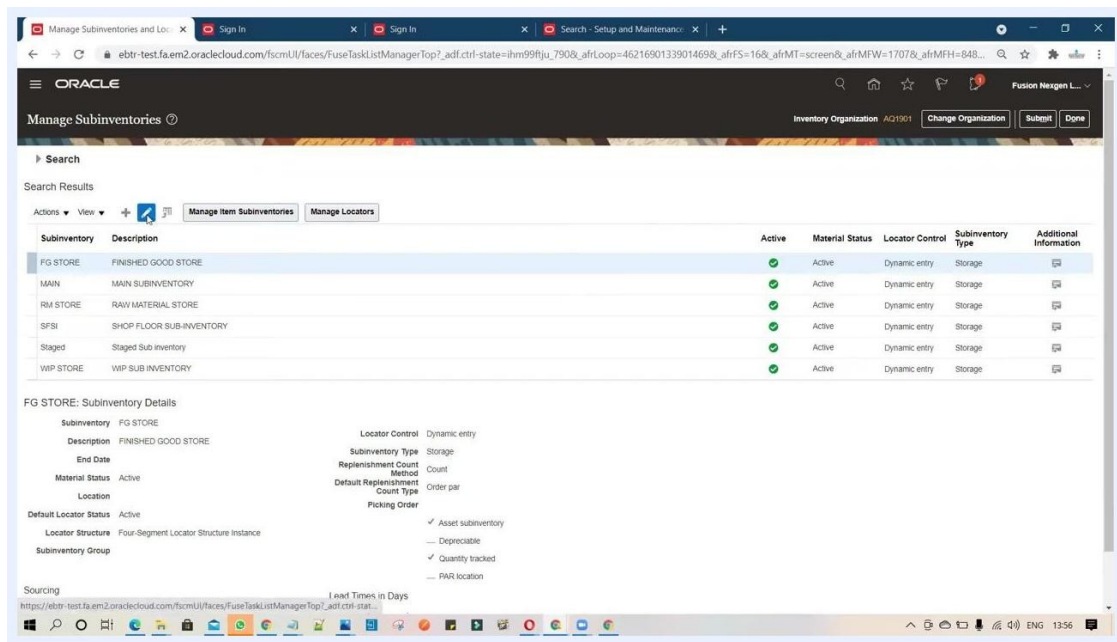
**Manage Descriptive Flexfields** screen with the **Subinventories** flexfield selected and the **Deploy Flexfield** button highlighted

Click **Done** to exit the deployment screen.

# Entering and using the segment in Subinventory

## 22. Validate the segment in the business object

In **Setup and Maintenance**, use the search bar to type "sub inventory" to locate the relevant business object, then select the appropriate task from the results.



Setup and Maintenance search screen with "Manage" entered in the search bar and task suggestions displayed

## 23. Access the Edit Subinventory screen

Go to the **Manage Subinventories and Locators** screen and select the subinventory you want to edit (for example, **FG STORE**). The **Edit Subinventory FG STORE** screen opens, displaying fields such as:

- **Subinventory:** FG STORE
- **Description:** FINISHED GOOD STORE
- **Material Status:** Active
- **Subinventory Type:** Storage
- **Locator Control:** Dynamic entry
- **Default Locator Status:** Active
- Checkboxes for Asset subinventory, Depreciable, and Quantity tracked
- A **Context** dropdown (for example, TEST2)
- The **TEST1** field (the based segment)

On the right, under the Context section, confirm the context (for example, **TEST2**) is selected. The based segment field (for example, **TEST1**) becomes enabled for data entry.

The screenshot shows the 'Edit Subinventory FG STORE' screen in Oracle Fusion Nucleus. The page is divided into several sections: Summary, Lead Times in Days, and Sourcing. In the Summary section, the Subinventory is 'FG STORE' and the Description is 'FINISHED GOOD STORE'. The Material Status is 'Active' and the Subinventory Type is 'Storage'. The Locator Control is 'Dynamic entry' and the Location is 'Four-Segment Locator Structure Instance'. The Default Locator Status is 'Active'. In the Context section, the Context dropdown is set to 'TEST2', and the TEST1 field is enabled for input. The TEST2 field is also enabled for input. The Subinventory Group is 'Subinventory Group' and the Replenishment Count Method is 'Count'. The Default Replenishment Count Type is 'Order per'. The Subinventory is 'Subinventory' and the Cancel Backorders is 'Default to next level in hierarchy'. The page has a top navigation bar with the Oracle logo and a bottom taskbar with various application icons.

**Edit Subinventory FG STORE screen with the Context dropdown set to TEST2 and the TEST1 field enabled for input**

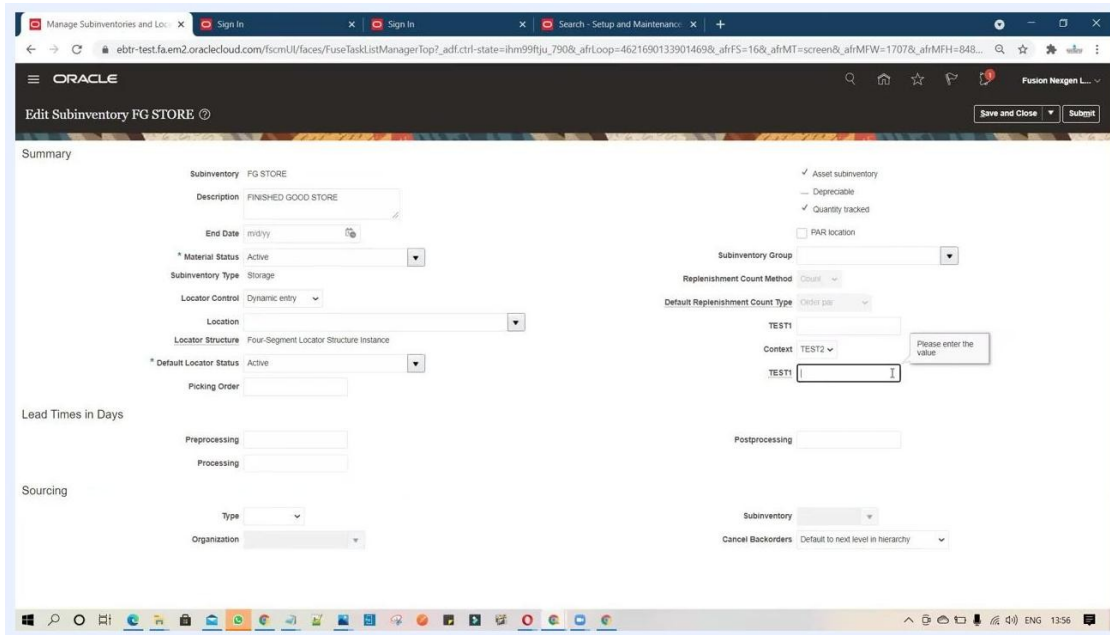
## 24. Enter data in the based segment field

In the **TEST1** field (or your segment's prompt), enter the required value. A tooltip such as "Please enter the value" may appear if the field is mandatory. Use this field to capture additional information according to your business requirements — for example, enter **I** or any other relevant value.

The screenshot shows the Oracle 'Edit Subinventory FG STORE' screen. The 'TEST1' field is active, and a tooltip 'Please enter the value' is displayed next to it. The field contains the letter 'I'. The screen includes various fields for subinventory details, such as Description, End Date, Material Status, Subinventory Type, Locator Control, Location, Locator Structure, Default Locator Status, Picking Order, Lead Times in Days, Preprocessing, Processing, Sourcing, Type, Organization, Subinventory Group, Replenishment Count Method, Default Replenishment Count Type, Context, Postprocessing, Subinventory, and Cancel Backorders.

**Edit Subinventory FG STORE screen with the TEST1 field active and the "Please enter the value" tooltip displayed**

This based segment field can capture any information specific to your organization's needs. Use it whenever your business process requires storing additional attributes at the subinventory level.



Edit Subinventory FG STORE screen showing the TEST1 field ready for input

## 25. Save the subinventory details

After entering the required value in the based segment field, review all other details for accuracy, then click **Save and Close** or **Submit** at the top right to save your changes.

## Summary

- Locate the Manage Descriptive Flexfields task through Setup and Maintenance and find the target flexfield (for example, Subinventories).
- Create a new context and add a context-sensitive segment with its own value set, display properties, and help text.
- Enable BI reporting and resolve any duplicate value set or API name errors by entering unique values.
- Make the segment available to the PIF, apply your changes, and deploy the flexfield.
- Enter data against the new segment within the relevant business object (for example, Edit Subinventory) and save your changes.

## What's next

With the flexfield deployed and the segment validated, you can repeat this process to add further context-sensitive segments or configure additional contexts as new business requirements arise.