Defaulting in Purchase Orders page when Business Rules do not allow.

Our comments.

Defaulting data saves time from users entering data, so it saves money.
DISCLAIMER: this is for investigation, use at your discretion, no guarantee provided.

<u>Introduction/Goal</u>

The new Redwood Purchase Orders page stores the data in a draft business object, so when we create and then navigate to a Purchase Order, there is already some data stored.

We are going to work on the following requirements:

> "***When the user navigates to the purchase order, some data will be defaulted without any other condition, and some data will be defaulted depending on the supplier***".

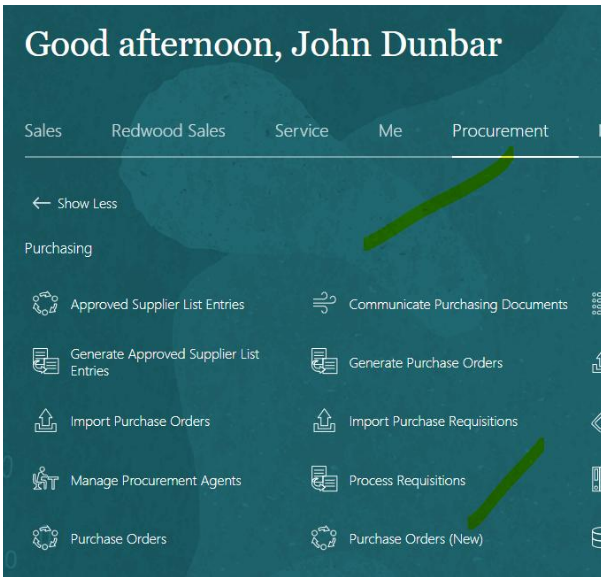
We have chosen 2 columns for learning purposes:

a) Description in the header of the purchase order.
b) A new flexfield attribute will be created for the demo to store a flag to control when default has been applied to not repeat indefinitely.

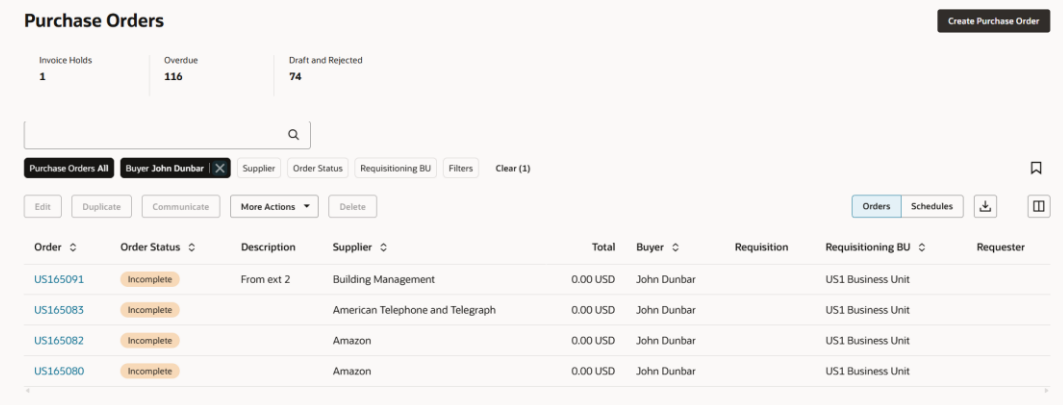
The defaulting provided in this demo will be basic.

<u>Where we want our values?</u>

Navigate from main menu.


Good afternoon, John Dunbar
Sales
Redwood Sales
Service
Me
Procurement
Show Less
Purchasing
Approved Supplier List Entries
Communicate Purchasing Documents
Generate Approved Supplier List Entries
Generate Purchase Orders
Import Purchase Orders
Import Purchase Requisitions
Manage Procurement Agents
Process Requisitions
Purchase Orders
Purchase Orders (New)

Click to select one purchase order (create one if not available).

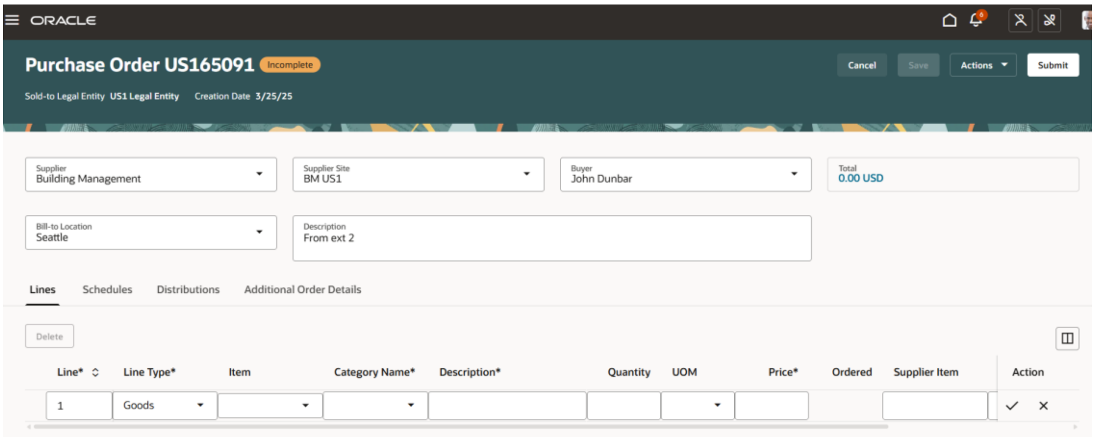


Purchase Orders

Invoice Holds	Overdue	Draft and Rejected
1	116	74

Order	Order Status	Description	Supplier	Total	Buyer	Requisition	Requisitioning BU	Requester
US165091	Incomplete	From ext 2	Building Management	0.00 USD	John Dunbar		US1 Business Unit	
US165083	Incomplete		American Telephone and Telegraph	0.00 USD	John Dunbar		US1 Business Unit	
US165082	Incomplete		Amazon	0.00 USD	John Dunbar		US1 Business Unit	
US165080	Incomplete		Amazon	0.00 USD	John Dunbar		US1 Business Unit	

For this demo we already have created some draft purchase orders.



Purchase Order US165091 Incomplete

Sold-to Legal Entity US1 Legal Entity Creation Date 3/25/25

Supplier: Building Management
Supplier Site: BM US1
Buyer: John Dunbar
Total: 0.00 USD
Bill-to Location: Seattle
Description: From ext 2

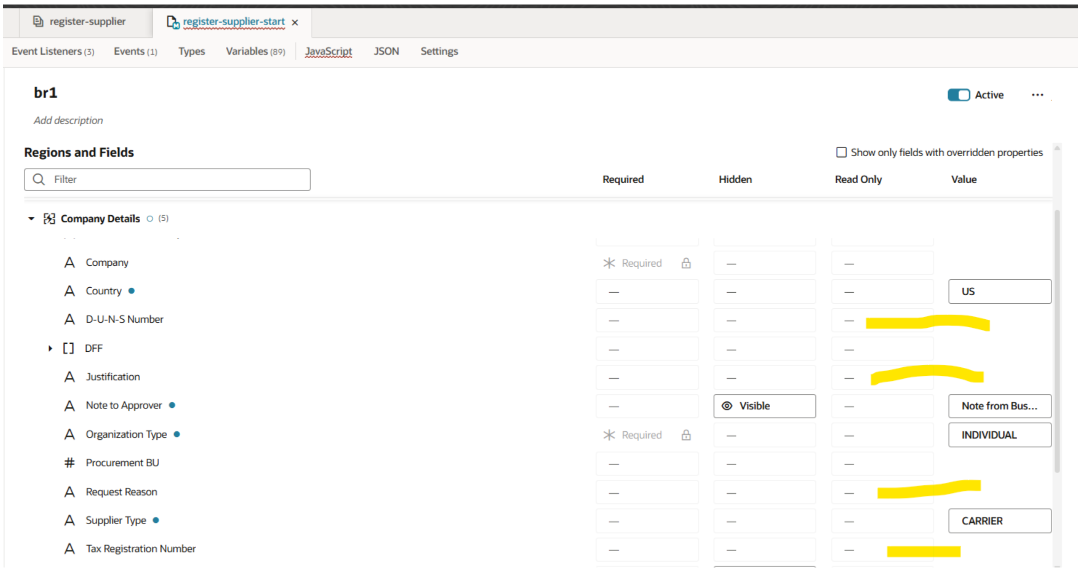
Line*	Line Type*	Item	Category Name*	Description*	Quantity	UOM	Price*	Ordered	Supplier Item	Action
1	Goods									✓ ✕

Note that defaulting is a feature not supported some times in Redwood pages.

Currently (release 25A) the default values feature seems not supported in Purchase Orders Redwood page.

In the next screenshot that shows business rules for Suppliers Redwood page, defaulting it is allowed for some fields, but not for others.

Notice the column Value on the right side of the page.



register-supplier | register-supplier-start ×

Event Listeners (3) Events (1) Types Variables (89) JavaScript JSON Settings

br1 Active ···

Add description

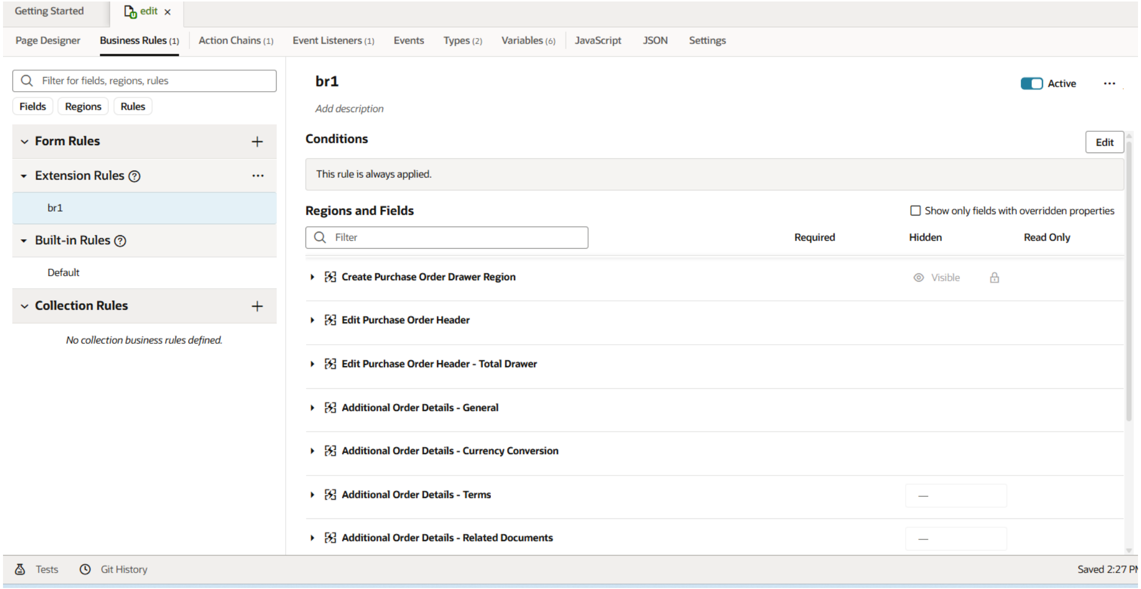
Regions and Fields ☐ Show only fields with overridden properties

Filter

▾ Company Details ○ (5)

	Required	Hidden	Read Only	Value
Company	Required	—	—	
Country ●	—	—	—	US
D-U-N-S Number	—	—	—	
DFF	—	—	—	
Justification	—	—	—	
Note to Approver ●	—	Visible	—	Note from Bus...
Organization Type ●	Required	—	—	INDIVIDUAL
Procurement BU	—	—	—	
Request Reason	—	—	—	
Supplier Type ●	—	—	—	CARRIER
Tax Registration Number	—	—	—	

In the next page for business rules of Purchase Orders page, notice it is not allowed at all.



Getting Started | edit ×

Page Designer Business Rules (1) Action Chains (1) Event Listeners (1) Events Types (2) Variables (6) JavaScript JSON Settings

Filter for fields, regions, rules

Fields Regions Rules

- Form Rules +
- Extension Rules ⓘ ···
  - br1
- Built-in Rules ⓘ
  - Default
- Collection Rules +
  - *No collection business rules defined.*

br1 Active ···

Add description

Conditions Edit

This rule is always applied.

Regions and Fields ☐ Show only fields with overridden properties

Filter

	Required	Hidden	Read Only
▸ Create Purchase Order Drawer Region		Visible	
▸ Edit Purchase Order Header			
▸ Edit Purchase Order Header - Total Drawer			
▸ Additional Order Details - General			
▸ Additional Order Details - Currency Conversion			
▸ Additional Order Details - Terms		—	
▸ Additional Order Details - Related Documents		—	

Tests Git History Saved 2:27 PM

BUT

After some investigation, we got code that allows us to default values with the desired logic.

Preparation steps.

Step 1. Activate Redwood Purchase Orders page. Roles and profile option.

At the time of this writing (release 25A), Redwood Purchase Orders pages are not enabled by default.

We will show how to activate, in case your user is not able to see it.

To enable, follow these steps:

- Enable this profile option: ORA_PO_PURCHASE_ORDERS_REDWOOD_ENABLED at site level.

- Run the *ESS job to create index definition and perform initial ingest to OSCS* scheduled process with this index name: **Purchase Orders: fa-prc-po.**

- Create an Abstract Common role and include these privileges:

  - PO_MANAGE_PO_WITH_REDWOOD_PRIV
  - PO_VIEW_PURCHASING_WORKAREA_PRIV
  - PO_SEARCH_PURCHASE_ORDER_PRIV

- Assign role just created to user as needed.

Step 2. SaaS roles for customization and Purchase Orders.

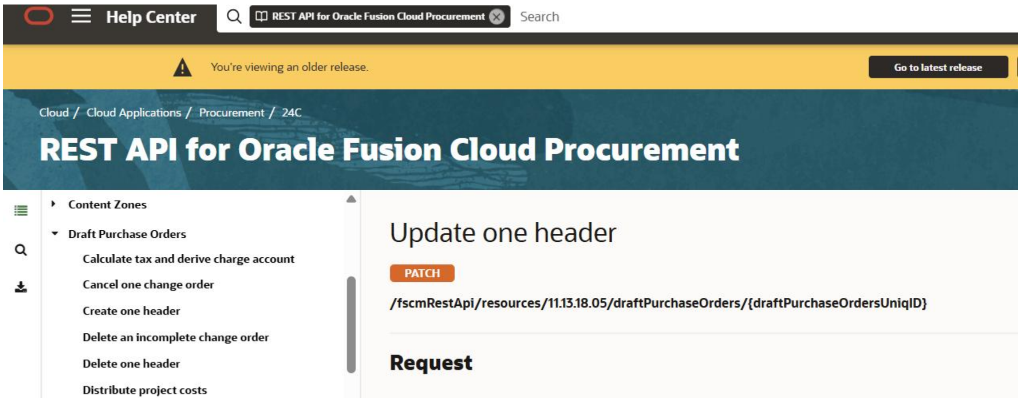
For developing this demo, we need a user with roles to access Visual Builder to work with extensions and to search and manage purchase orders.

https://www.youtube.com/watch?v=BFwOC3bOj3A

Step 2. REST API needed.

The REST API's Endpoints needed have been the following.

https://docs.oracle.com/en/cloud/saas/procurement/24c/fapra/op-draftpurchaseorders-draftpurchaseordersuniqid-patch.html



You're viewing an older release.

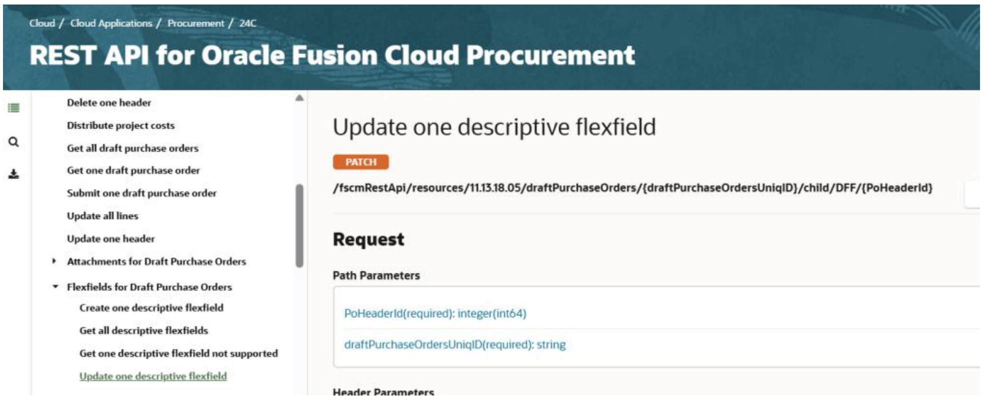
Cloud / Cloud Applications / Procurement / 24C

REST API for Oracle Fusion Cloud Procurement

Update one header

/fscmRestApi/resources/11.13.18.05/draftPurchaseOrders/{draftPurchaseOrdersUniqID}

Request



Cloud / Cloud Applications / Procurement / 24C

REST API for Oracle Fusion Cloud Procurement

- Delete one header
- Distribute project costs
- Get all draft purchase orders
- Get one draft purchase order
- Submit one draft purchase order
- Update all lines
- Update one header
- Attachments for Draft Purchase Orders
- Flexfields for Draft Purchase Orders
  - Create one descriptive flexfield
  - Get all descriptive flexfields
  - Get one descriptive flexfield not supported
  - Update one descriptive flexfield

Update one descriptive flexfield

PATCH

```
/fscmRestApi/resources/11.13.18.05/draftPurchaseOrders/{draftPurchaseOrdersUniqID}/child/DFF/{PoHeaderId}
```

Request

Path Parameters

PoHeaderId(required): integer(int64)

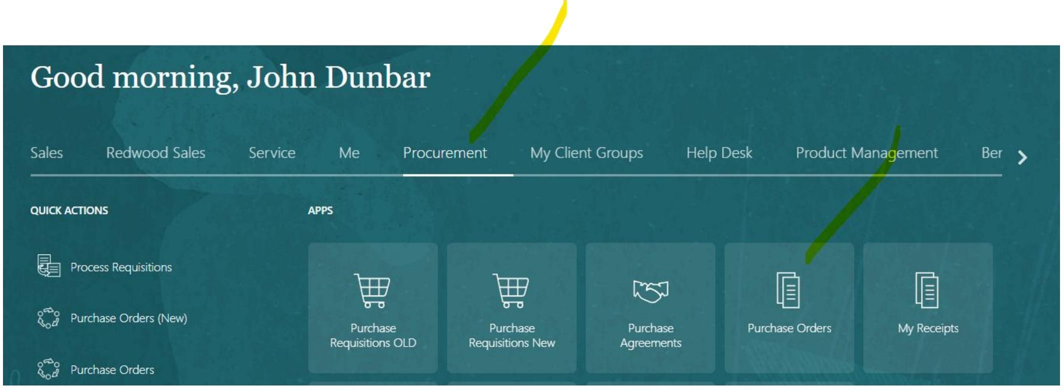
draftPurchaseOrdersUniqID(required): string

Header Parameters

<u>Step 3. New Flexfield setup in SaaS.</u>

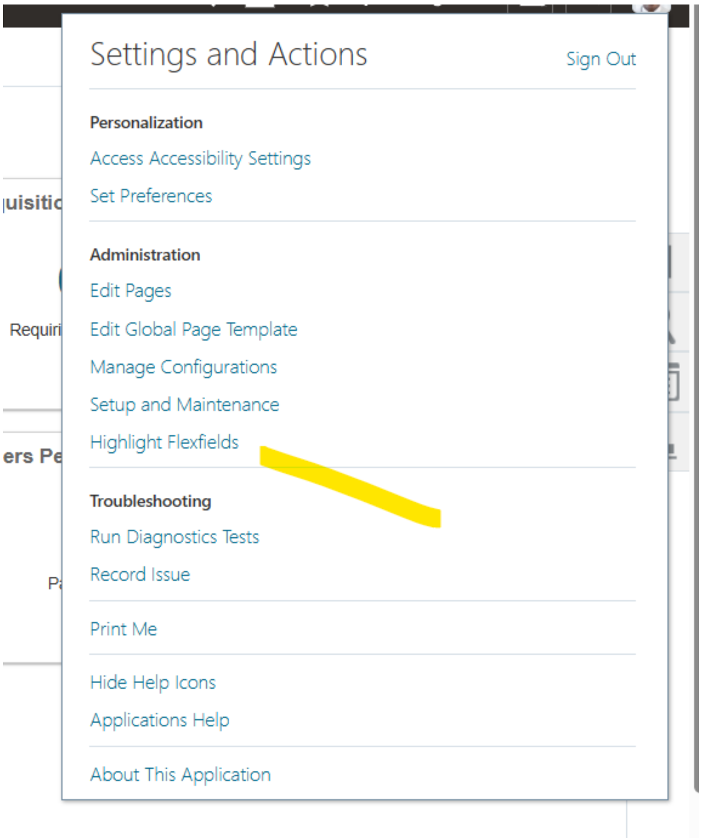
Navigate to classic Purchase Orders page and enable to set up as shown below.

To enable the new flexfield.

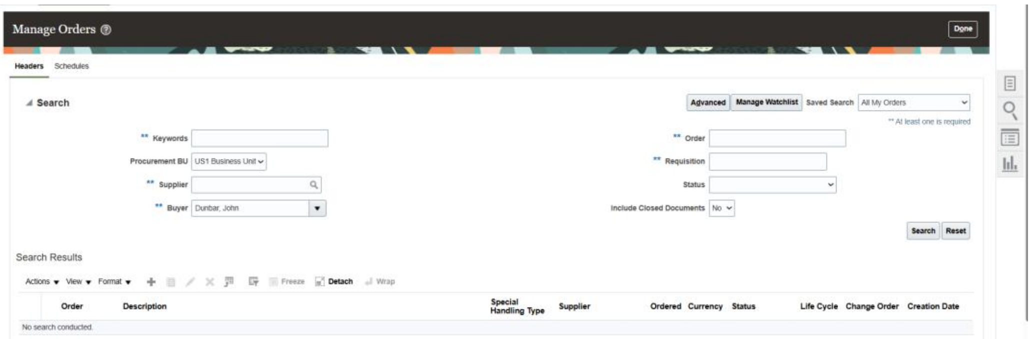


Good morning, John Dunbar

Click this link to enable Flexfields.



Query some purchase orders, pressing button “Search” on the right.



Saved Search: All My Orders

** At least one is required

** Keywords:

Procurement BU: US1 Business Unit

** Supplier:

** Buyer: Dunbar, John

** Order:

** Requisition:

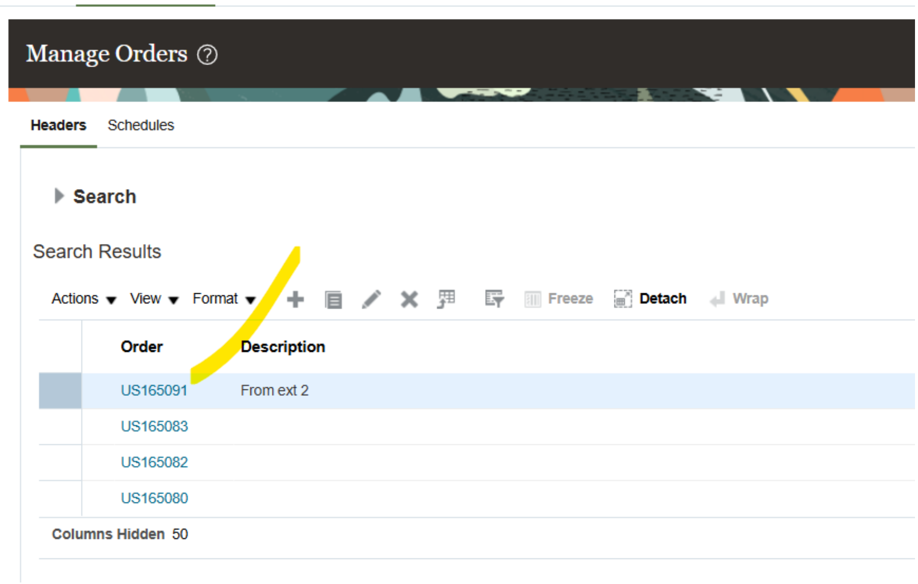
Status:

Include Closed Documents: No

Search Results

	Order	Description	Special Handling Type	Supplier	Ordered	Currency	Status	Life Cycle	Change Order	Creation Date
No search conducted.										

Click on a purchase order link.



Manage Orders

Headers Schedules

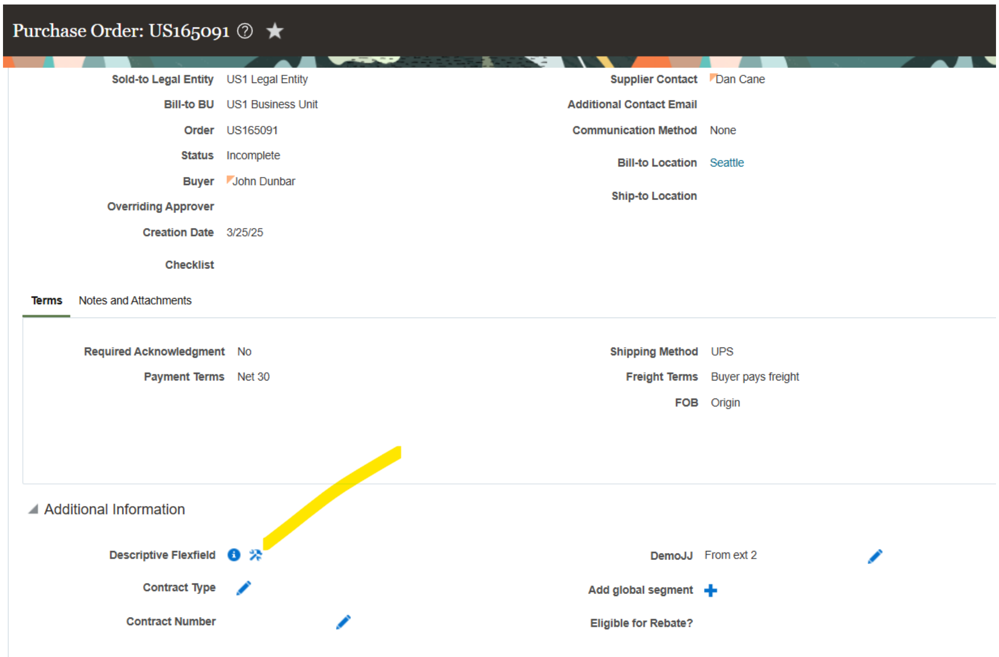
Search

Search Results

Order	Description
US165091	From ext 2
US165083	
US165082	
US165080	

Columns Hidden 50

Click on “Tools” Icon used to set up Descriptive Flexfields.



Purchase Order: US165091

Sold-to Legal Entity	US1 Legal Entity	Supplier Contact	Dan Cane
Bill-to BU	US1 Business Unit	Additional Contact Email	
Order	US165091	Communication Method	None
Status	Incomplete	Bill-to Location	Seattle
Buyer	John Dunbar	Ship-to Location	
Overriding Approver			
Creation Date	3/25/25		
Checklist			

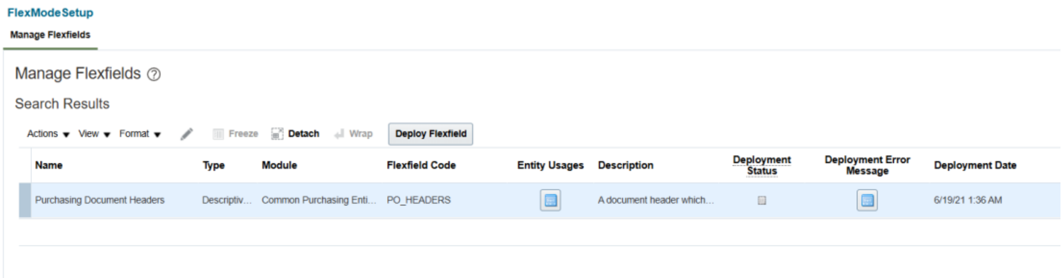
Terms Notes and Attachments

Required Acknowledgment	No	Shipping Method	UPS
Payment Terms	Net 30	Freight Terms	Buyer pays freight
		FOB	Origin

Additional Information

Descriptive Flexfield		DemoJJ	From ext 2
Contract Type		Add global segment	
Contract Number		Eligible for Rebate?	

Now click on Edit icon to add a new attribute (we select ATTRIBUTE10 because is the one free in our instance).



FlexModeSetup

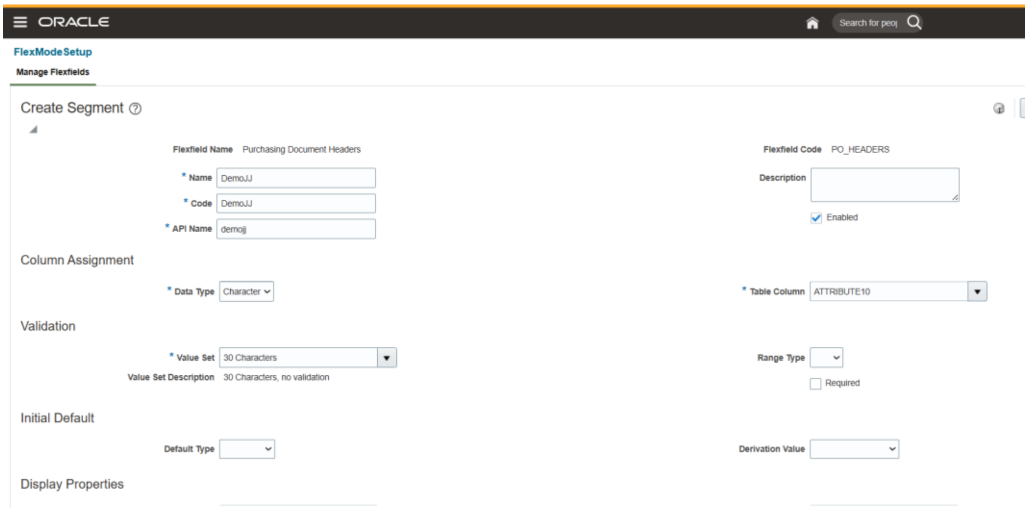
Manage Flexfields

Manage Flexfields

Search Results

Name	Type	Module	Flexfield Code	Entity Usages	Description	Deployment Status	Deployment Error Message	Deployment Date
Purchasing Document Headers	Descriptiv...	Common Purchasing Enti...	PO_HEADERS		A document header which...			6/19/21 1:36 AM

The set up data for our example.



Create Segment

Flexfield Name	Purchasing Document Headers	Flexfield Code	PO_HEADERS
* Name	DemoJJ	Description	
* Code	DemoJJ	☑ Enabled	
* API Name	demojj		

Column Assignment

* Data Type	Character	* Table Column	ATTRIBUTE10

Validation

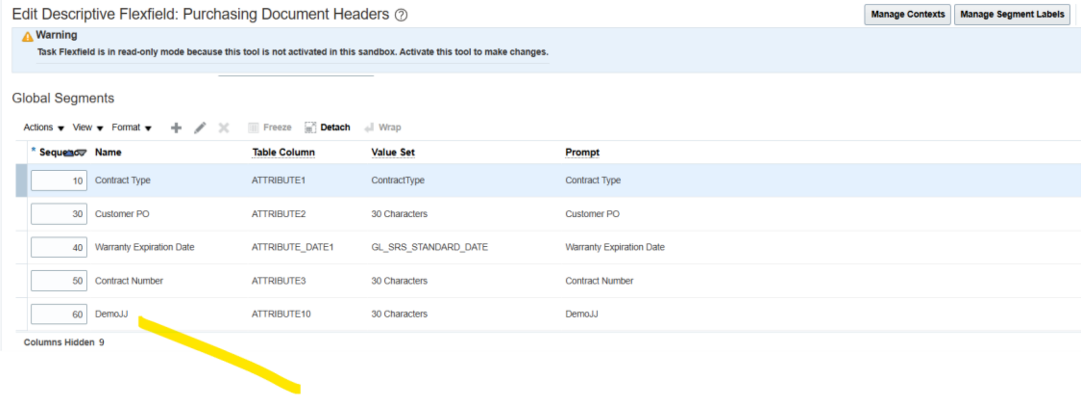
* Value Set	30 Characters	Range Type	
Value Set Description	30 Characters, no validation	□ Required	

Initial Default

Default Type		Derivation Value	

Display Properties

The result after our set up.



Edit Descriptive Flexfield: Purchasing Document Headers

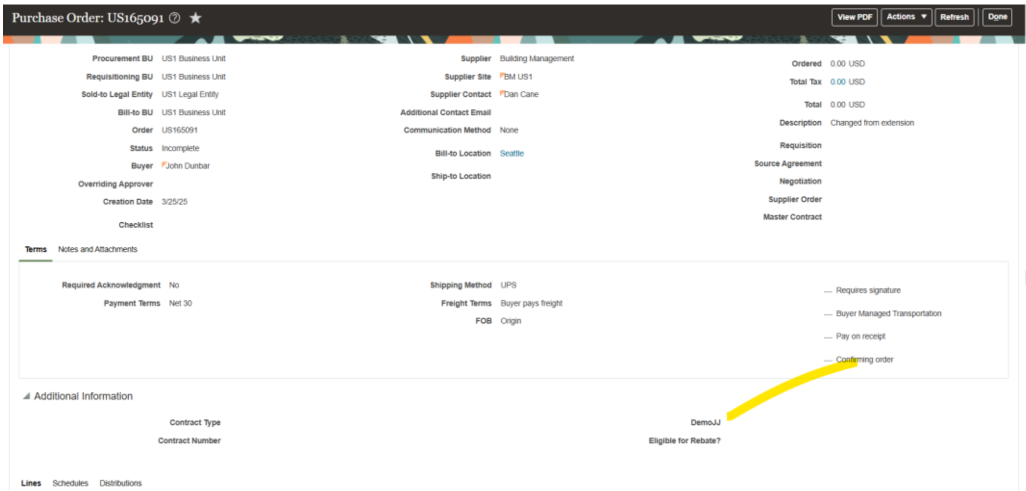
⚠ Warning
Task Flexfield is in read-only mode because this tool is not activated in this sandbox. Activate this tool to make changes.

Global Segments

* Sequence	Name	Table Column	Value Set	Prompt
10	Contract Type	ATTRIBUTE1	ContractType	Contract Type
30	Customer PO	ATTRIBUTE2	30 Characters	Customer PO
40	Warranty Expiration Date	ATTRIBUTE_DATE1	GL_SRS_STANDARD_DATE	Warranty Expiration Date
50	Contract Number	ATTRIBUTE3	30 Characters	Contract Number
60	DemoJJ	ATTRIBUTE10	30 Characters	DemoJJ

Columns Hidden 9

Now after re-login our user we will see the new descriptive flexfield in classical ADF page.



Purchase Order: US165091

Procurement BU	US1 Business Unit	Supplier	Building Management	Ordered	0.00 USD
Requisitioning BU	US1 Business Unit	Supplier Site	BM US1	Total Tax	0.00 USD
Sold-to Legal Entity	US1 Legal Entity	Supplier Contact	Dan Cane	Total	0.00 USD
Bill-to BU	US1 Business Unit	Additional Contact Email		Description	Changed from extension
Order	US165091	Communication Method	None	Requisition	
Status	Incomplete	Bill-to Location	Seattle	Source Agreement	
Buyer	John Dunbar	Ship-to Location		Negotiation	
Overriding Approver				Supplier Order	
Creation Date	3/25/25			Master Contract	
Checklist					

Terms | Notes and Attachments

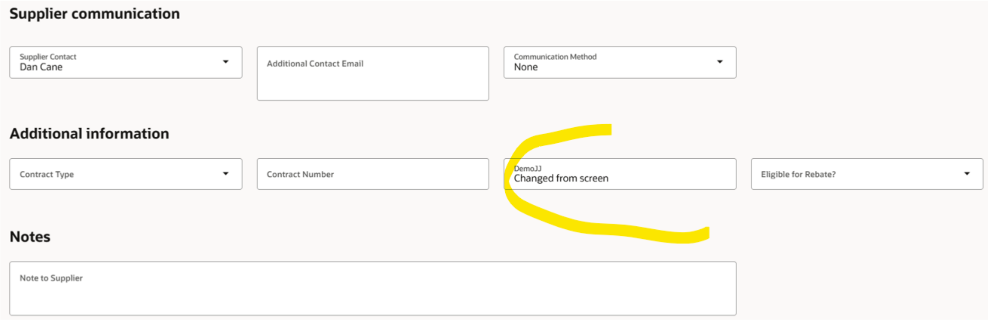
Required Acknowledgment	No	Shipping Method	UPS	— Requires signature
Payment Terms	Net 30	Freight Terms	Buyer pays freight	— Buyer Managed Transportation
		FOB	Origin	— Pay on receipt
				— Confirming order

Additional Information

Contract Type	DemoJJ
Contract Number	Eligible for Rebate?

Lines | Schedules | Distributions

And also, the new descriptive flexfield in Redwood page.



Supplier communication

Supplier Contact: Dan Cane

Additional Contact Email

Communication Method: None

Additional information

Contract Type

Contract Number

DemoJJ: Changed from screen

Eligible for Rebate?

Notes

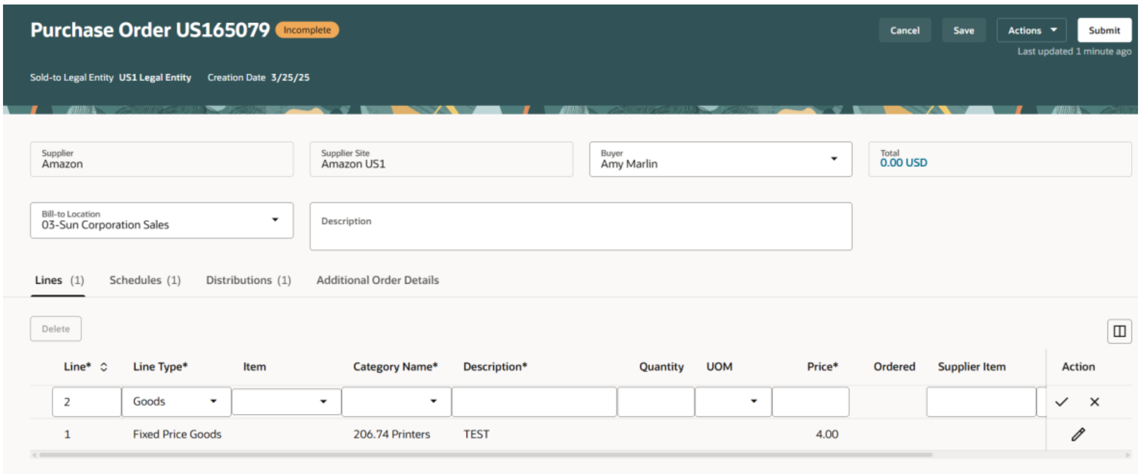
Note to Supplier

<u>Visual Builder customization explanation.</u>

Navigate to:

Main Menu-Procurement-Purchase Orders (new).

Query one purchase order (or create one), afterwards navigate to it.



Purchase Order US165079 Incomplete

Last updated 1 minute ago

Sold-to Legal Entity **US1 Legal Entity** Creation Date **3/25/25**

Supplier: Amazon

Supplier Site: Amazon US1

Buyer: Amy Marlin

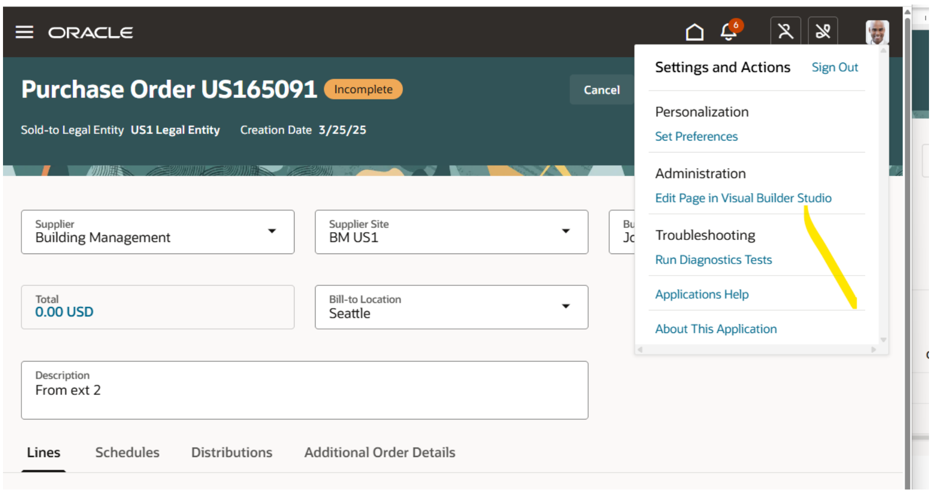
Total: 0.00 USD

Bill-to Location: 03-Sun Corporation Sales

Description

Line*	Line Type*	Item	Category Name*	Description*	Quantity	UOM	Price*	Ordered	Supplier Item	Action
2	Goods									✓ ✕
1	Fixed Price Goods		206.74 Printers	TEST			4.00			

Navigate to "Edit Page in Visual Builder Studio" as shown.



Purchase Order US165091 Incomplete

Sold-to Legal Entity **US1 Legal Entity** Creation Date **3/25/25**

Supplier: Building Management

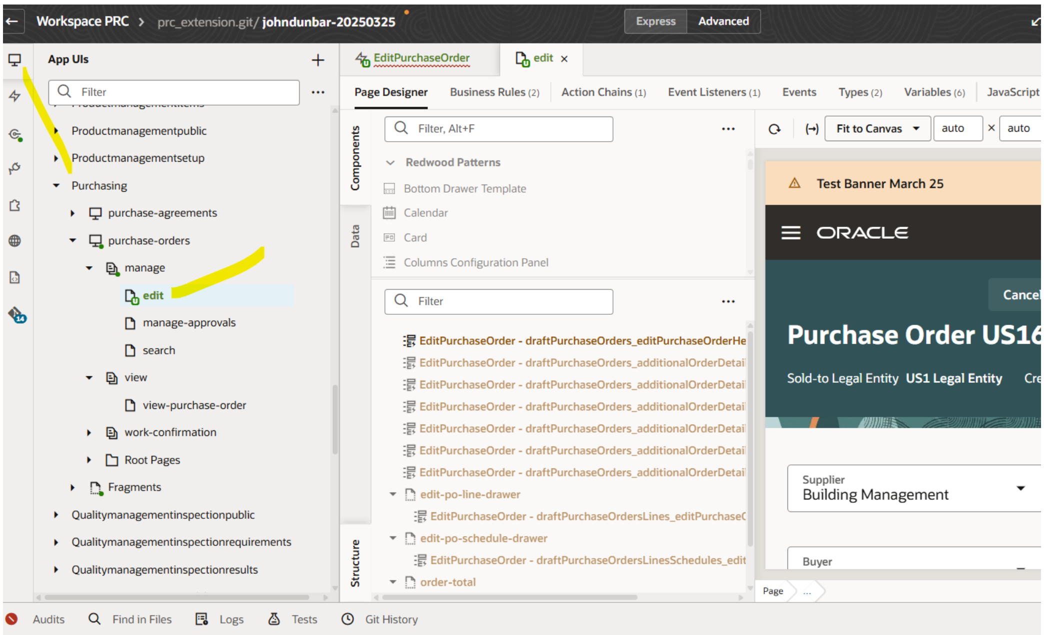
Supplier Site: BM US1

Total: 0.00 USD

Bill-to Location: Seattle

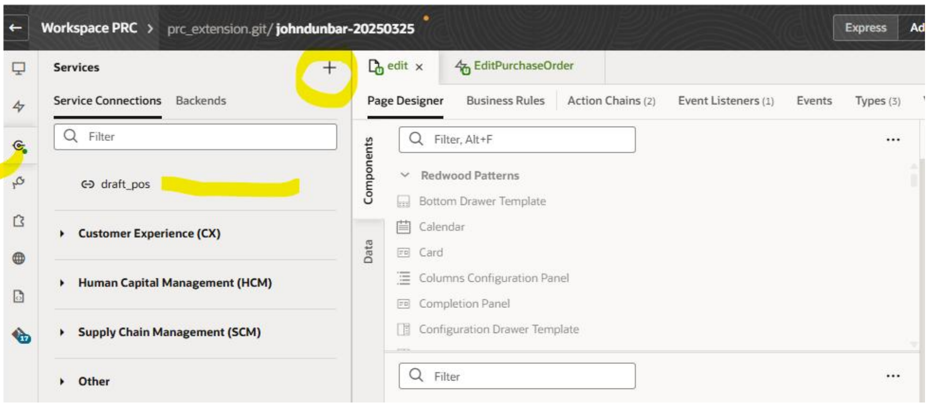
Description: From ext 2

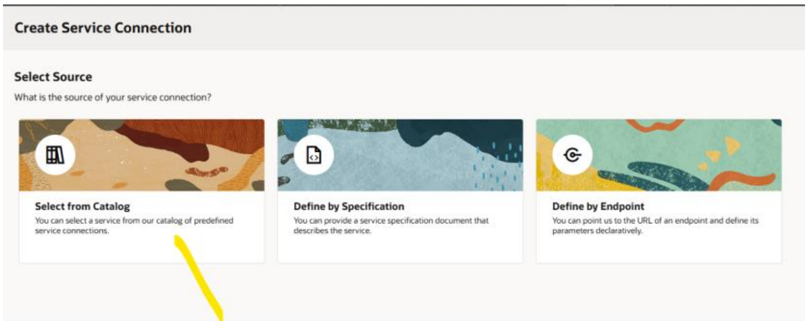
After opening Visual Builder navigate here.

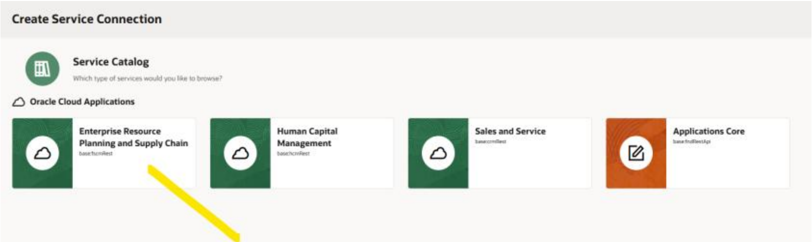


And now the following steps:

- Create new connection.

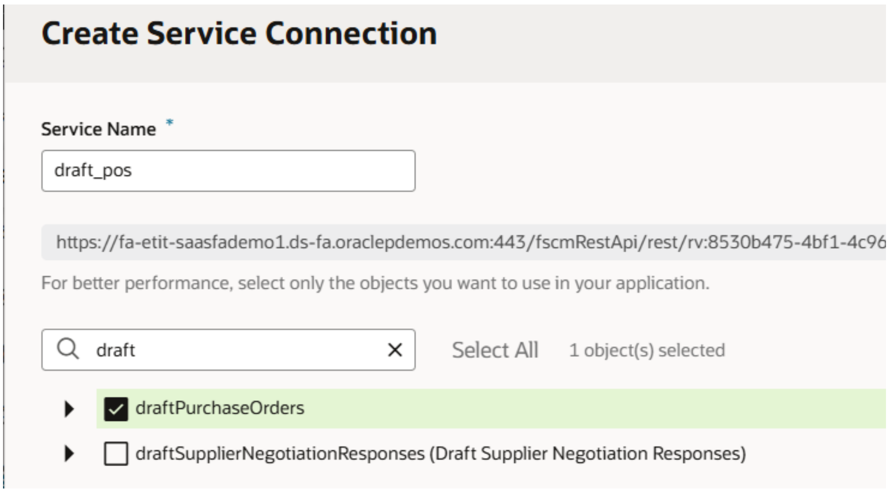



Create Service Connection
Select Source
What is the source of your service connection?
Select from Catalog
You can select a service from our catalog of predefined service connections.
Define by Specification
You can provide a service specification document that describes the service.
Define by Endpoint
You can point us to the URL of an endpoint and define its parameters declaratively.


Create Service Connection
Service Catalog
Which type of services would you like to browse?
Oracle Cloud Applications
Enterprise Resource Planning and Supply Chain
Human Capital Management
Sales and Service
Applications Core

Now you Will have to wait a bit, while the definition of REST API’s available show.

Assign a name and search as shown.



Create Service Connection

Service Name *

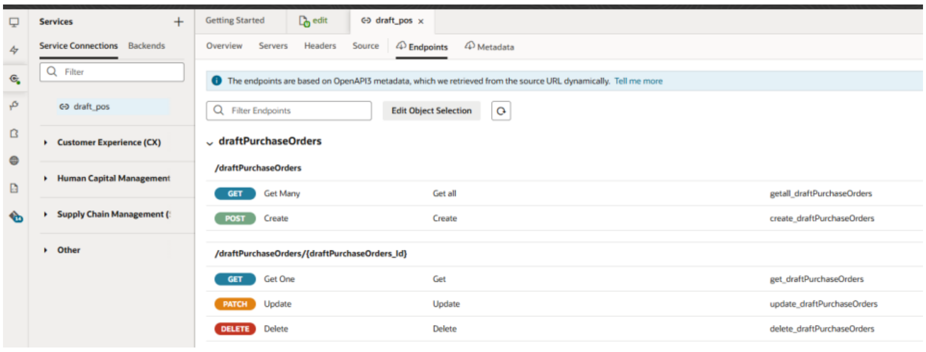
draft_pos

https://fa-etit-saasfademo1.ds-fa.oraclepdemos.com:443/fscmRestApi/rest/rv:8530b475-4bf1-4c96

For better performance, select only the objects you want to use in your application.

- ☑ draftPurchaseOrders
- ☐ draftSupplierNegotiationResponses (Draft Supplier Negotiation Responses)

Click “Create” pressing below-right button.



The endpoints are based on OpenAPI3 metadata, which we retrieved from the source URL dynamically. Tell me more

draftPurchaseOrders

/draftPurchaseOrders

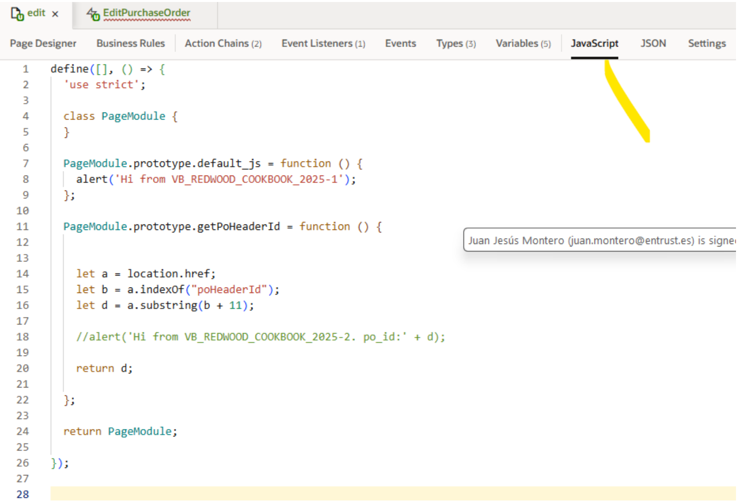
GET	Get Many	Get all	getall_draftPurchaseOrders
POST	Create	Create	create_draftPurchaseOrders

/draftPurchaseOrders/{draftPurchaseOrders_Id}

GET	Get One	Get	get_draftPurchaseOrders
PATCH	Update	Update	update_draftPurchaseOrders
DELETE	Delete	Delete	delete_draftPurchaseOrders

- ○ Now add JavaScript code to our page in JavaScript Tab.

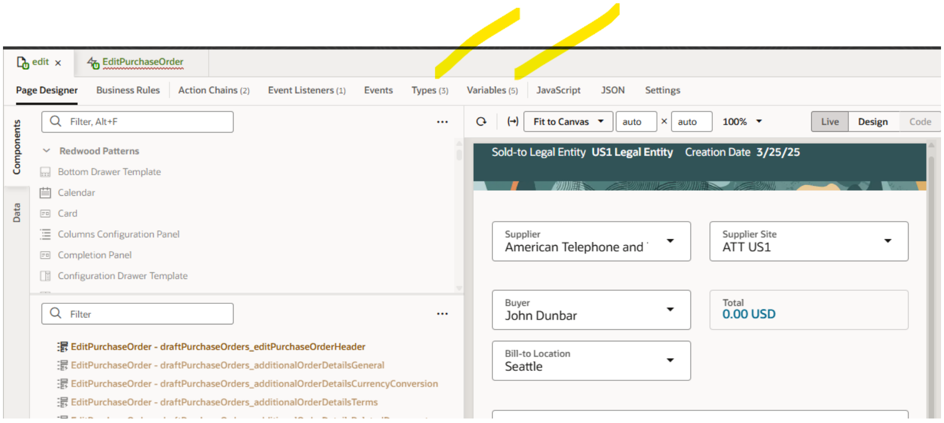
Code provided in file: po_default_javascript.txt



```
define([], () => {
  'use strict';

  class PageModule {
  }

  PageModule.prototype.default_js = function () {
    alert('Hi from VB_REDWOOD_COOKBOOK_2025-1');
  };

  PageModule.prototype.getPoHeaderId = function () {


    let a = location.href;
    let b = a.indexOf("poHeaderId");
    let d = a.substring(b + 11);

    //alert('Hi from VB_REDWOOD_COOKBOOK_2025-2. po_id:' + d);

    return d;

  };

  return PageModule;

});

```

Juan Jesús Montero (juan.montero@entrust.es) is signe

- ○ Create types from “Endpoint”:



edit × | EditPurchaseOrder

Page Designer | Business Rules | Action Chains (2) | Event Listeners (1) | Events | Types (3) | Variables (5) | JavaScript | JSON | Settings

Components | Data

Filter, Alt+F

Redwood Patterns
- Bottom Drawer Template
- Calendar
- Card
- Columns Configuration Panel
- Completion Panel
- Configuration Drawer Template

Filter

- EditPurchaseOrder - draftPurchaseOrders_editPurchaseOrderHeader
- EditPurchaseOrder - draftPurchaseOrders_additionalOrderDetailsGeneral
- EditPurchaseOrder - draftPurchaseOrders_additionalOrderDetailsCurrencyConversion
- EditPurchaseOrder - draftPurchaseOrders_additionalOrderDetailsTerms

Fit to Canvas | auto × auto | 100% | Live | Design | Code

Sold-to Legal Entity **US1 Legal Entity** Creation Date **3/25/25**

Supplier: American Telephone and

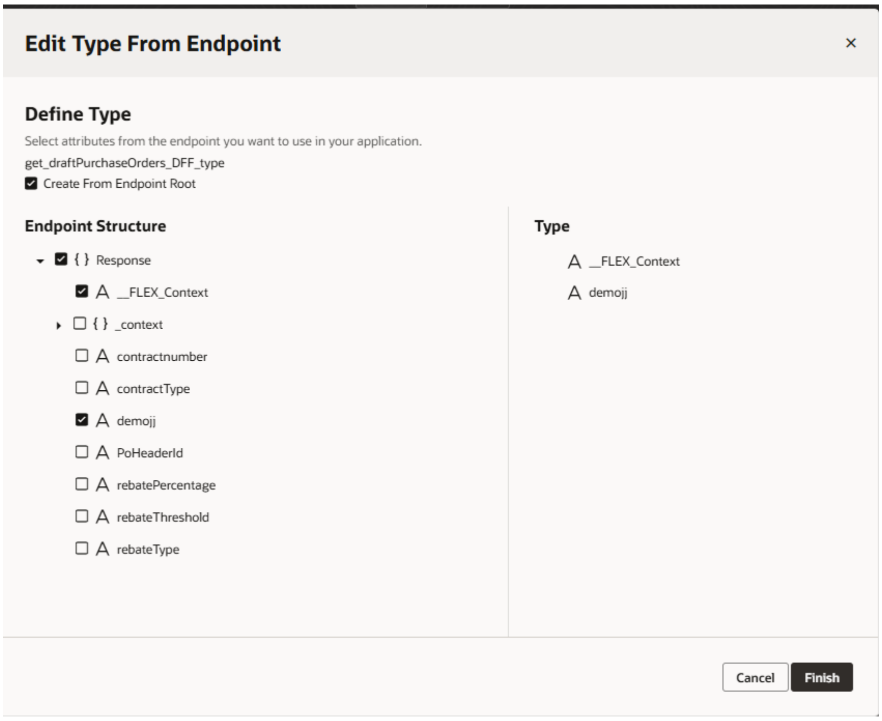
Supplier Site: ATT US1

Buyer: John Dunbar

Total: 0.00 USD

Bill-to Location: Seattle

- Type 1: get_draftPurchaseOrders_DFF_type.



Edit Type From Endpoint ×

Define Type

Select attributes from the endpoint you want to use in your application.

get_draftPurchaseOrders_DFF_type

☑ Create From Endpoint Root

Endpoint Structure

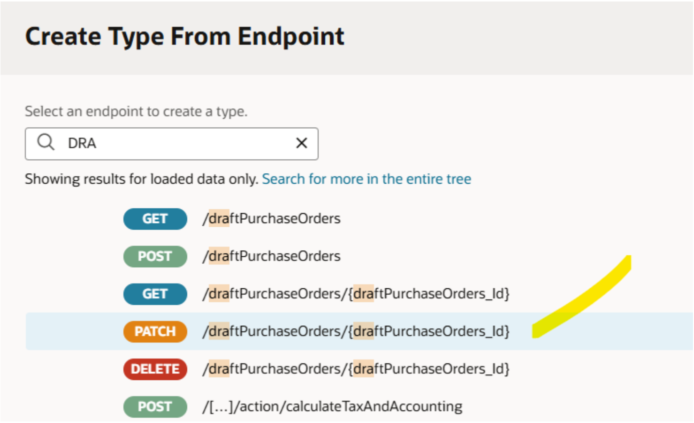
- ☑ { } Response
  - ☑ A __FLEX_Context
  - ☐ { } _context
  - ☐ A contractnumber
  - ☐ A contractType
  - ☑ A demojj
  - ☐ A PoHeaderId
  - ☐ A rebatePercentage
  - ☐ A rebateThreshold
  - ☐ A rebateType

Type

- A __FLEX_Context
- A demojj

Cancel | Finish

- Type 2: update_draftPurchaseOrders_type



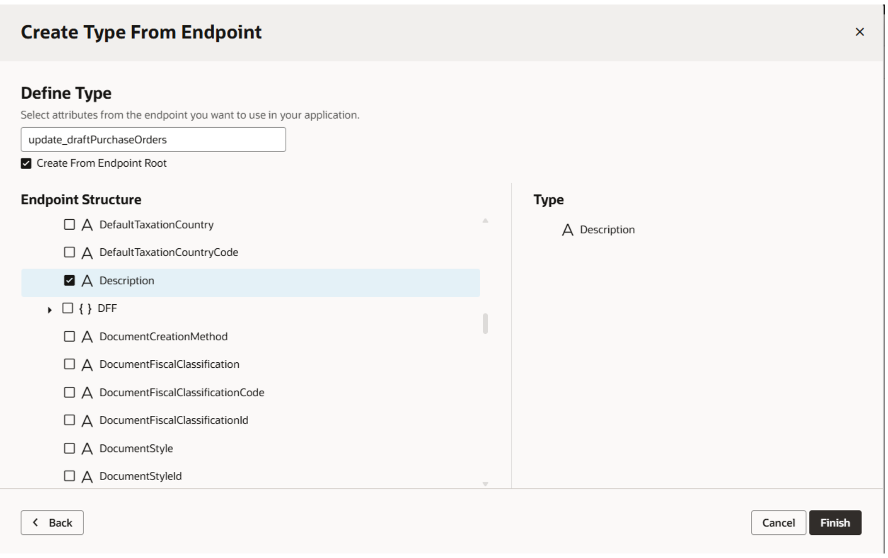
Create Type From Endpoint

Select an endpoint to create a type.

DRA ×

Showing results for loaded data only. Search for more in the entire tree

GET	/draftPurchaseOrders
POST	/draftPurchaseOrders
GET	/draftPurchaseOrders/{draftPurchaseOrders_Id}
PATCH	/draftPurchaseOrders/{draftPurchaseOrders_Id}
DELETE	/draftPurchaseOrders/{draftPurchaseOrders_Id}
POST	/[...]/action/calculateTaxAndAccounting



Create Type From Endpoint ×

Define Type

Select attributes from the endpoint you want to use in your application.

update_draftPurchaseOrders

☑ Create From Endpoint Root

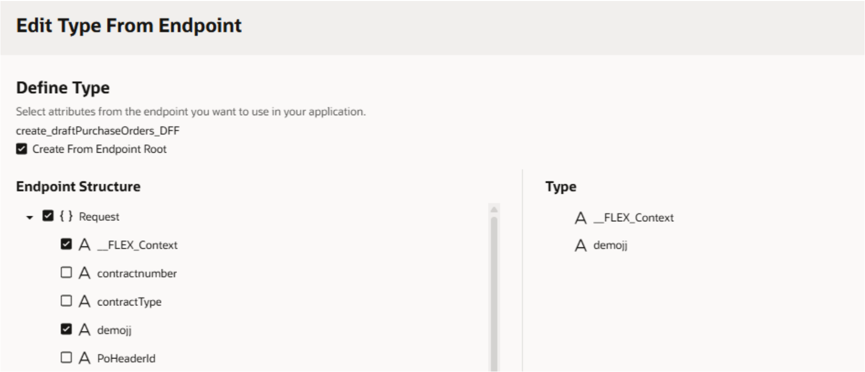
Endpoint Structure

- □ A DefaultTaxationCountry
- □ A DefaultTaxationCountryCode
- ☑ A Description
- ▸ □ { } DFF
- □ A DocumentCreationMethod
- □ A DocumentFiscalClassification
- □ A DocumentFiscalClassificationCode
- □ A DocumentFiscalClassificationId
- □ A DocumentStyle
- □ A DocumentStyleId

Type

- A Description

- Type 3: create_draftPurchaseOrders_DFF_type



Edit Type From Endpoint

Define Type

Select attributes from the endpoint you want to use in your application.

create_draftPurchaseOrders_DFF

☑ Create From Endpoint Root

Endpoint Structure

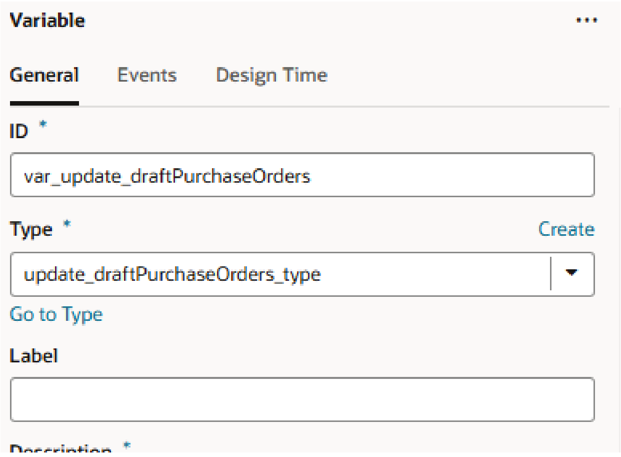
- ▾ ☑ { } Request
  - ☑ A __FLEX_Context
  - □ A contractnumber
  - □ A contractType
  - ☑ A demojj
  - □ A PoHeaderId

Type

- A __FLEX_Context
- A demojj

○ Create variables.

- Variable 1: var_update_draftPurchaseOrders.



Variable

ID *

var_update_draftPurchaseOrders

Type * Create

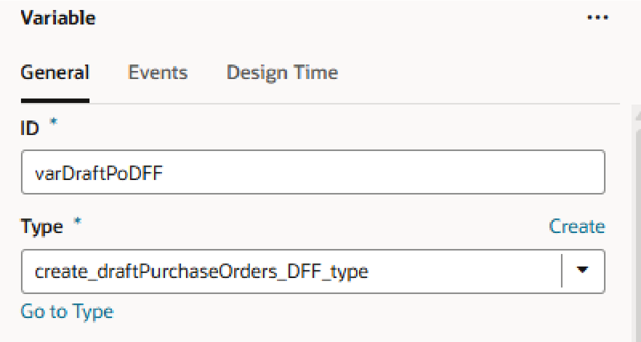
update_draftPurchaseOrders_type

Go to Type

Label

Description *

- Variable 2: varDraftPoDFF.



Variable ...

General | Events | Design Time

ID *

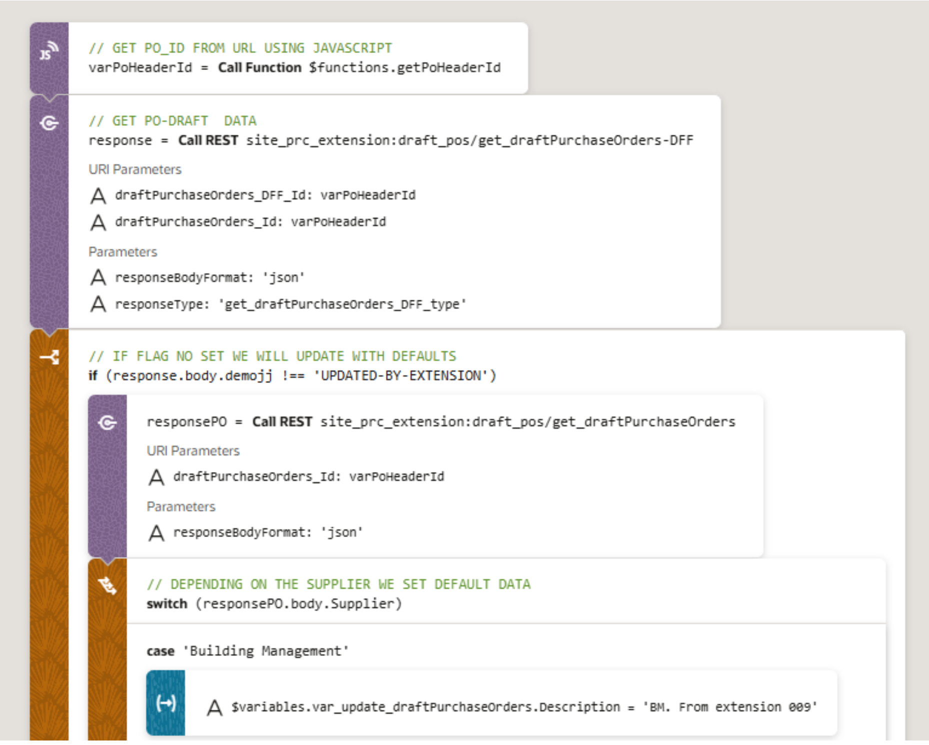
varDraftPoDFF

Type * — Create

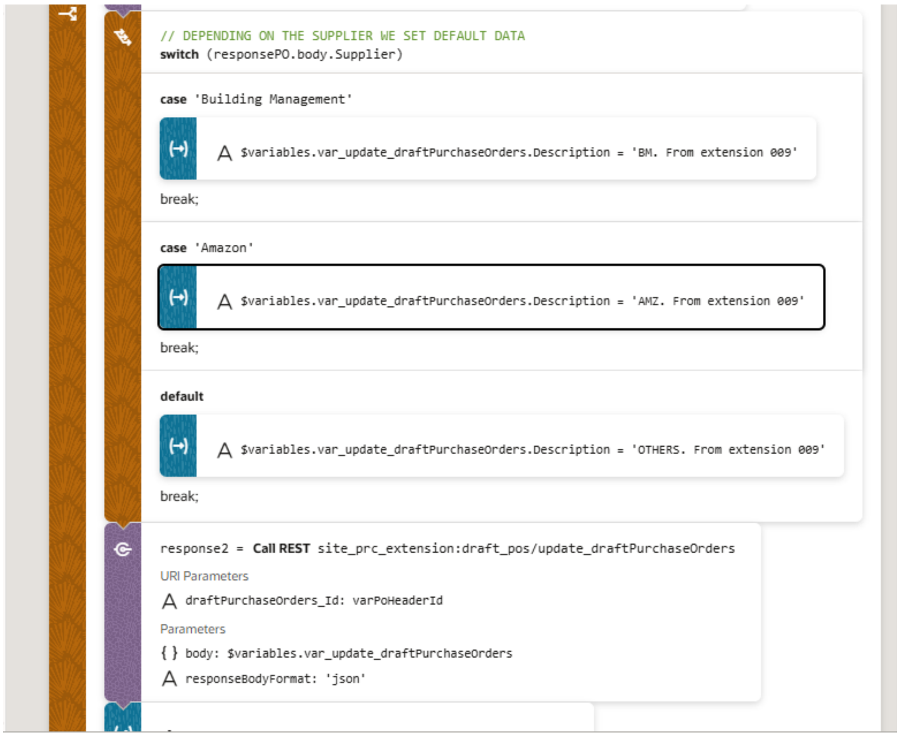
create_draftPurchaseOrders_DFF_type

Go to Type

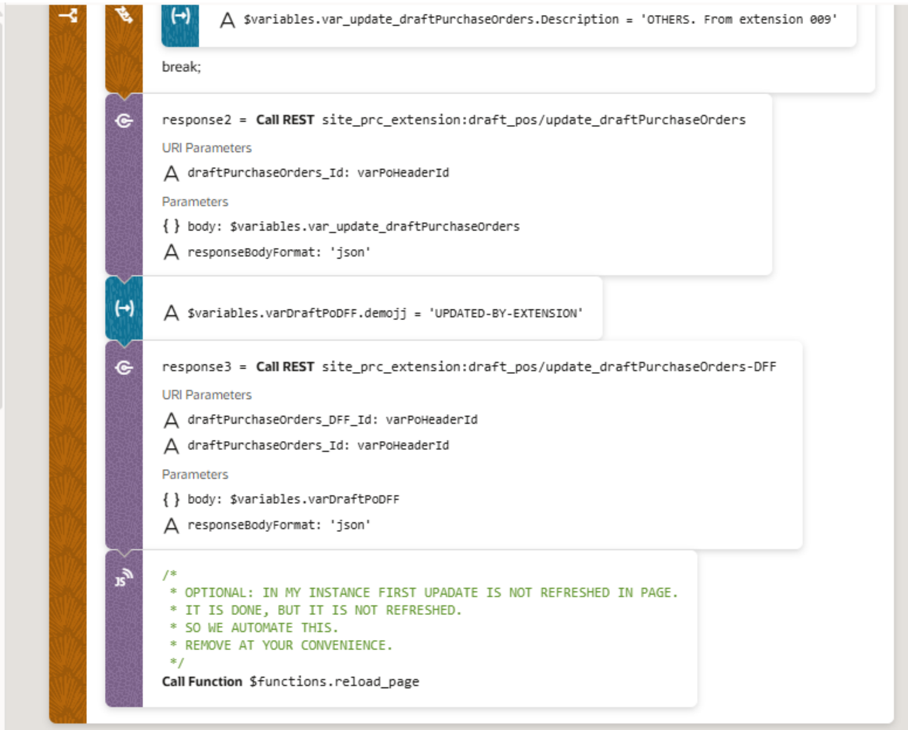
This is the final picture of the main action chain. Explanation of steps below.



```
// GET PO_ID FROM URL USING JAVASCRIPT
varPoHeaderId = Call Function $functions.getPoHeaderId

// GET PO-DRAFT  DATA
response = Call REST site_prc_extension:draft_pos/get_draftPurchaseOrders-DFF
URI Parameters
A draftPurchaseOrders_DFF_Id: varPoHeaderId
A draftPurchaseOrders_Id: varPoHeaderId
Parameters
A responseBodyFormat: 'json'
A responseType: 'get_draftPurchaseOrders_DFF_type'

// IF FLAG NO SET WE WILL UPDATE WITH DEFAULTS
if (response.body.demojj !== 'UPDATED-BY-EXTENSION')

    responsePO = Call REST site_prc_extension:draft_pos/get_draftPurchaseOrders
    URI Parameters
    A draftPurchaseOrders_Id: varPoHeaderId
    Parameters
    A responseBodyFormat: 'json'

    // DEPENDING ON THE SUPPLIER WE SET DEFAULT DATA
    switch (responsePO.body.Supplier)

    case 'Building Management'

        A $variables.var_update_draftPurchaseOrders.Description = 'BM. From extension 009'
```



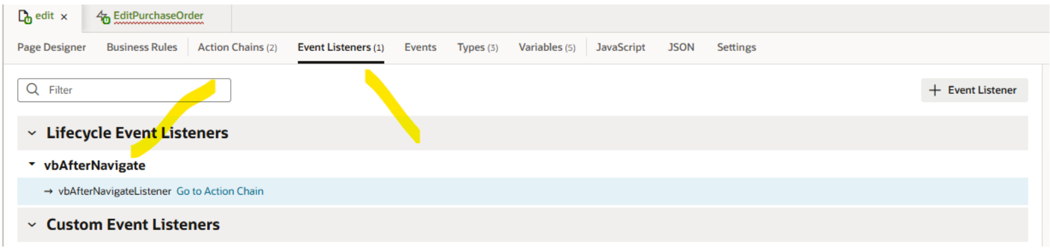
```
// DEPENDING ON THE SUPPLIER WE SET DEFAULT DATA
switch (responsePO.body.Supplier)

case 'Building Management'
    $variables.var_update_draftPurchaseOrders.Description = 'BM. From extension 009'
break;

case 'Amazon'
    $variables.var_update_draftPurchaseOrders.Description = 'AMZ. From extension 009'
break;

default
    $variables.var_update_draftPurchaseOrders.Description = 'OTHERS. From extension 009'
break;

response2 = Call REST site_prc_extension:draft_pos/update_draftPurchaseOrders
URI Parameters
draftPurchaseOrders_Id: varPoHeaderId
Parameters
{ } body: $variables.var_update_draftPurchaseOrders
responseBodyFormat: 'json'
```



```
    $variables.var_update_draftPurchaseOrders.Description = 'OTHERS. From extension 009'
break;

response2 = Call REST site_prc_extension:draft_pos/update_draftPurchaseOrders
URI Parameters
draftPurchaseOrders_Id: varPoHeaderId
Parameters
{ } body: $variables.var_update_draftPurchaseOrders
responseBodyFormat: 'json'

$variables.varDraftPoDFF.demojj = 'UPDATED-BY-EXTENSION'

response3 = Call REST site_prc_extension:draft_pos/update_draftPurchaseOrders-DFF
URI Parameters
draftPurchaseOrders_DFF_Id: varPoHeaderId
draftPurchaseOrders_Id: varPoHeaderId
Parameters
{ } body: $variables.varDraftPoDFF
responseBodyFormat: 'json'

/*
 * OPTIONAL: IN MY INSTANCE FIRST UPADATE IS NOT REFRESHED IN PAGE.
 * IT IS DONE, BUT IT IS NOT REFRESHED.
 * SO WE AUTOMATE THIS.
 * REMOVE AT YOUR CONVENIENCE.
 */
Call Function $functions.reload_page
```

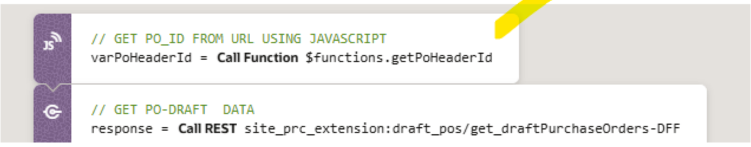
Steps followed.

1) Add Event listener for “vbAfterNavigateListener”.



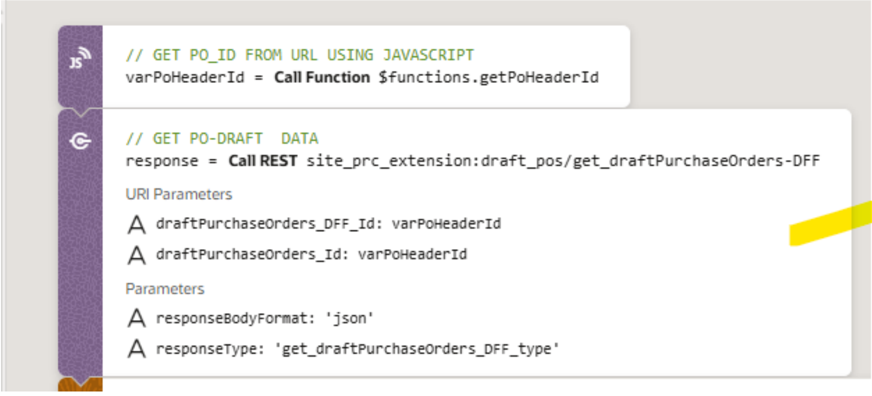
2) After create Action Chain:

a. Find the Purchase Order Id with JavaScript code.



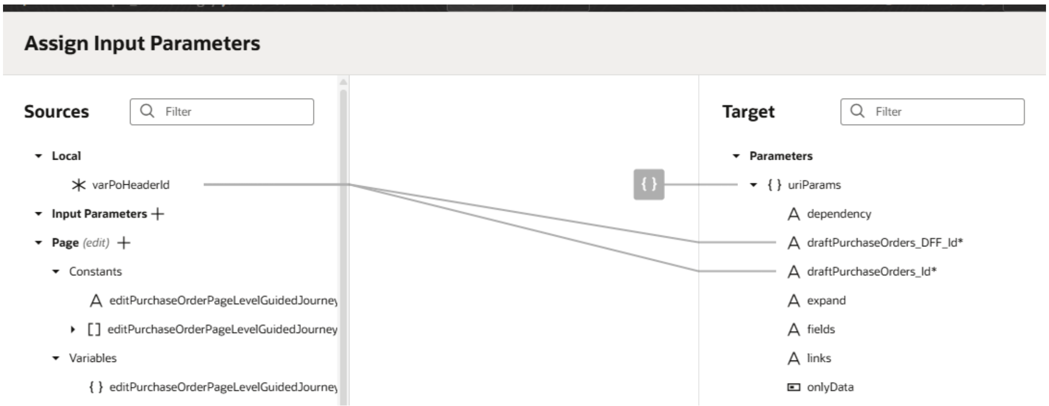
```
// GET PO_ID FROM URL USING JAVASCRIPT
varPoHeaderId = Call Function $functions.getPoHeaderId

// GET PO-DRAFT  DATA
response = Call REST site_prc_extension:draft_pos/get_draftPurchaseOrders-DFF
```

b. Call REST API to get data from purchase order obtained above.

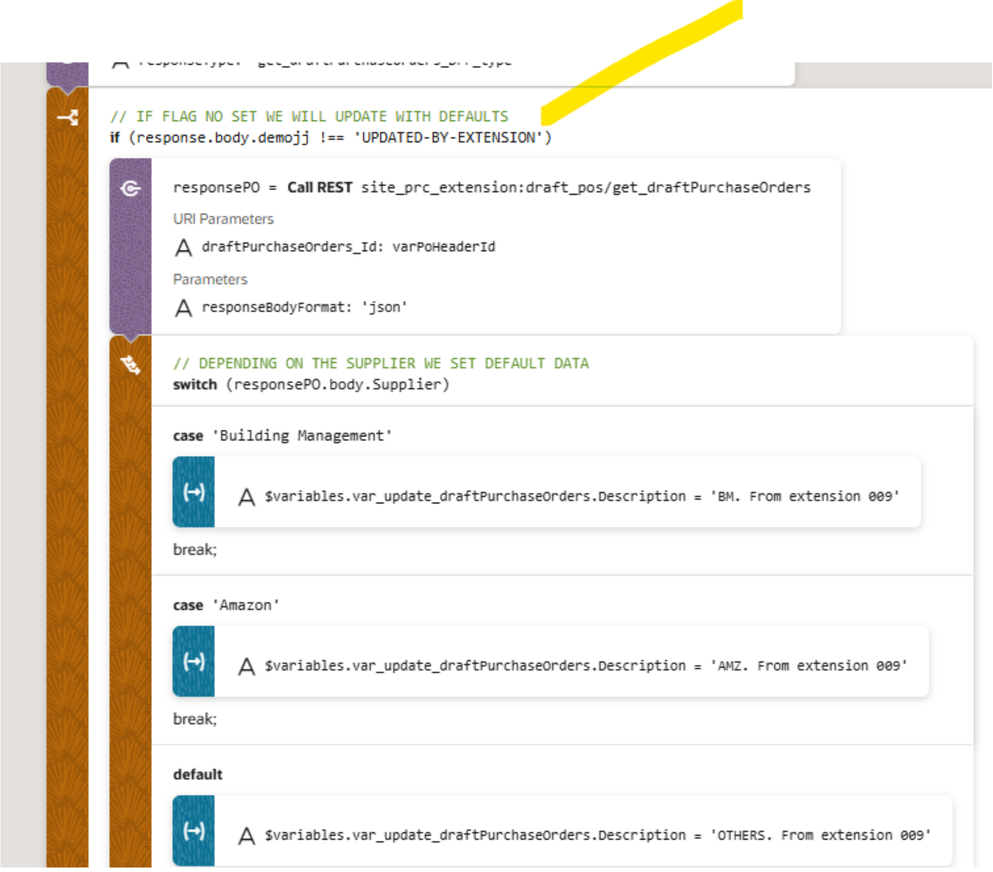


```
// GET PO_ID FROM URL USING JAVASCRIPT
varPoHeaderId = Call Function $functions.getPoHeaderId

// GET PO-DRAFT  DATA
response = Call REST site_prc_extension:draft_pos/get_draftPurchaseOrders-DFF
URI Parameters
A draftPurchaseOrders_DFF_Id: varPoHeaderId
A draftPurchaseOrders_Id: varPoHeaderId
Parameters
A responseBodyFormat: 'json'
A responseType: 'get_draftPurchaseOrders_DFF_type'
```

The mapping would be as shown.

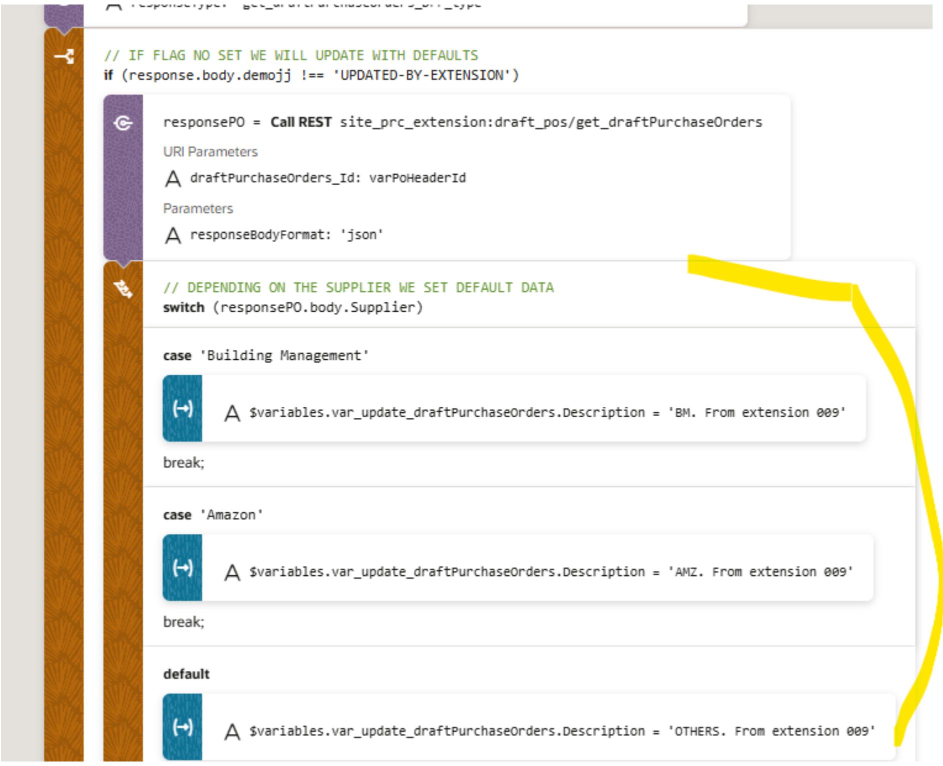


c. Ask if we have already defaulted the data reviewing the flag “UPDATED-BY-EXTENSION” in flexfield.



```
// IF FLAG NO SET WE WILL UPDATE WITH DEFAULTS
if (response.body.demojj !== 'UPDATED-BY-EXTENSION')

    responsePO = Call REST site_prc_extension:draft_pos/get_draftPurchaseOrders
    URI Parameters
    A draftPurchaseOrders_Id: varPoHeaderId
    Parameters
    A responseBodyFormat: 'json'

    // DEPENDING ON THE SUPPLIER WE SET DEFAULT DATA
    switch (responsePO.body.Supplier)

    case 'Building Management'
        A $variables.var_update_draftPurchaseOrders.Description = 'BM. From extension 009'
    break;

    case 'Amazon'
        A $variables.var_update_draftPurchaseOrders.Description = 'AMZ. From extension 009'
    break;

    default
        A $variables.var_update_draftPurchaseOrders.Description = 'OTHERS. From extension 009'
```

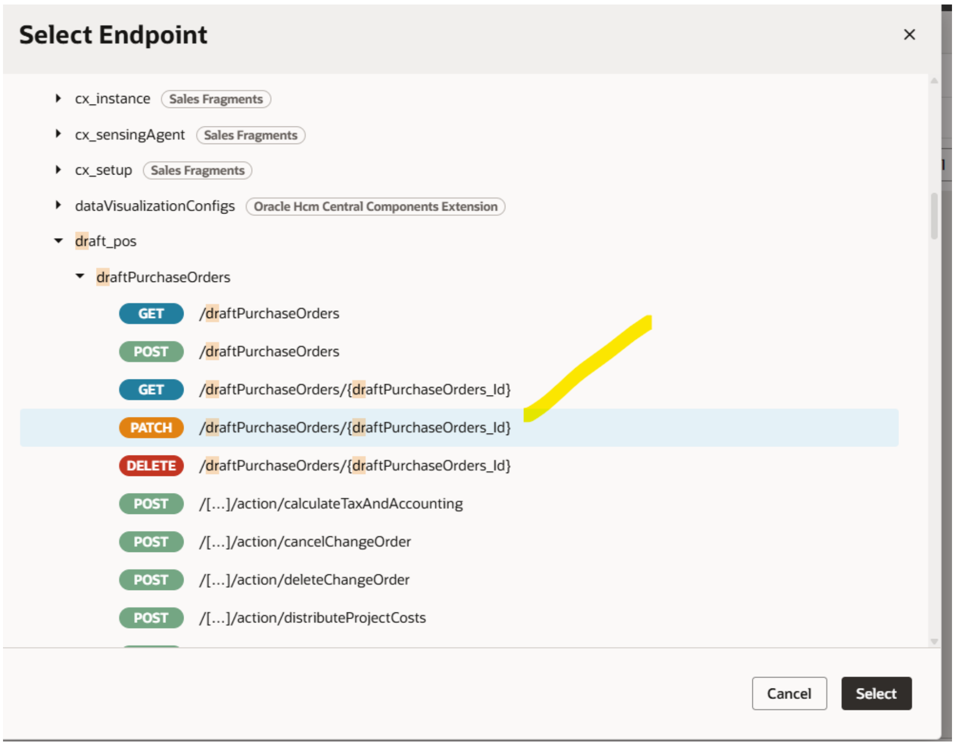
d. Assign values depending on the supplier.



```
// IF FLAG NO SET WE WILL UPDATE WITH DEFAULTS
if (response.body.demojj !== 'UPDATED-BY-EXTENSION')

    responsePO = Call REST site_prc_extension:draft_pos/get_draftPurchaseOrders
    URI Parameters
    A draftPurchaseOrders_Id: varPoHeaderId
    Parameters
    A responseBodyFormat: 'json'

    // DEPENDING ON THE SUPPLIER WE SET DEFAULT DATA
    switch (responsePO.body.Supplier)

    case 'Building Management'
        A $variables.var_update_draftPurchaseOrders.Description = 'BM. From extension 009'
    break;

    case 'Amazon'
        A $variables.var_update_draftPurchaseOrders.Description = 'AMZ. From extension 009'
    break;

    default
        A $variables.var_update_draftPurchaseOrders.Description = 'OTHERS. From extension 009'
```

e. Call REST API to update depending on the suppliers.

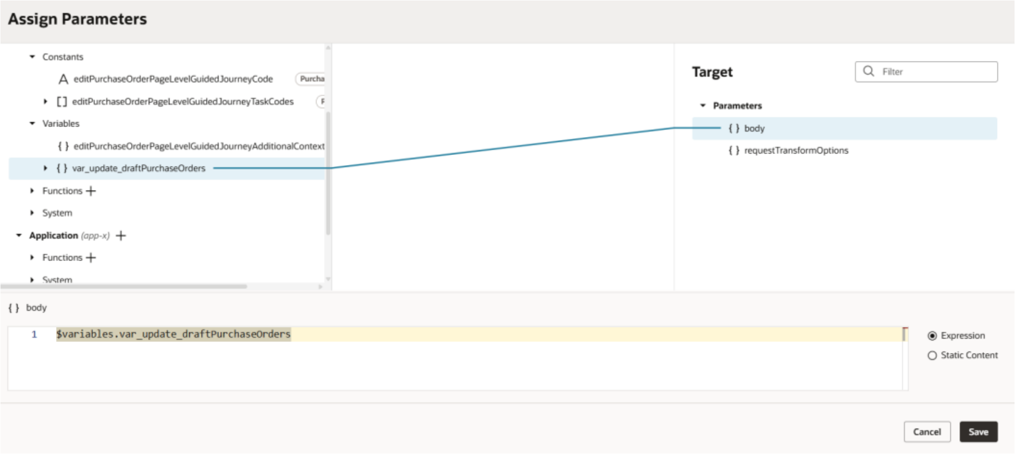
Added REST API call 1.



Select Endpoint

- cx_instance (Sales Fragments)
- cx_sensingAgent (Sales Fragments)
- cx_setup (Sales Fragments)
- dataVisualizationConfigs (Oracle Hcm Central Components Extension)
- draft_pos
  - draftPurchaseOrders
    - GET /draftPurchaseOrders
    - POST /draftPurchaseOrders
    - GET /draftPurchaseOrders/{draftPurchaseOrders_Id}
    - PATCH /draftPurchaseOrders/{draftPurchaseOrders_Id}
    - DELETE /draftPurchaseOrders/{draftPurchaseOrders_Id}
    - POST /[...]/action/calculateTaxAndAccounting
    - POST /[...]/action/cancelChangeOrder
    - POST /[...]/action/deleteChangeOrder
    - POST /[...]/action/distributeProjectCosts

Mapping would be as shown.



Assign Parameters

- Constants
  - editPurchaseOrderPageLevelGuidedJourneyCode (Purcha
  - [ ] editPurchaseOrderPageLevelGuidedJourneyTaskCodes
- Variables
  - { } editPurchaseOrderPageLevelGuidedJourneyAdditionalContext
  - { } var_update_draftPurchaseOrders
- Functions +
- System
- Application (app-x) +
  - Functions +
  - System

Target

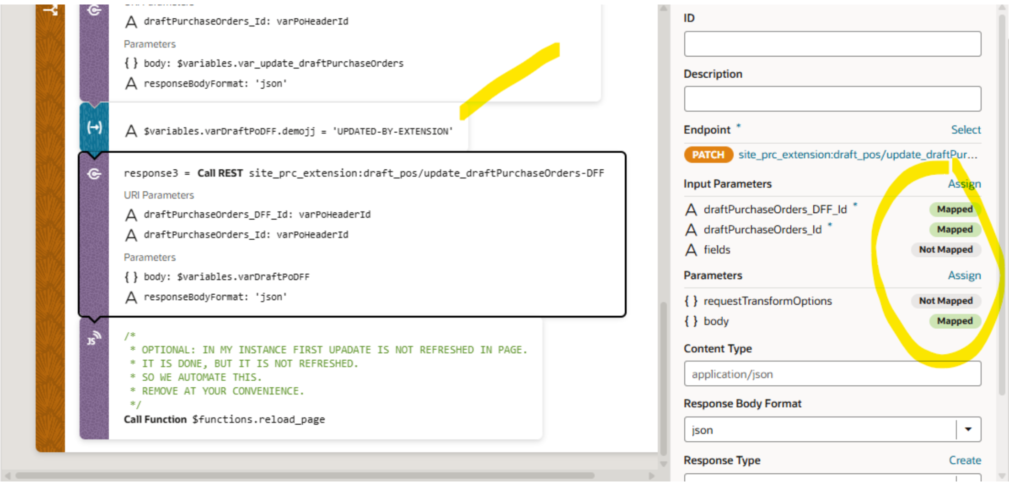
- Parameters
  - { } body
  - { } requestTransformOptions

{ } body

```
$variables.var_update_draftPurchaseOrders
```

● Expression
○ Static Content

f. Assign value to variable and call REST API to update our flag.



```
A draftPurchaseOrders_Id: varPoHeaderId
Parameters
{ } body: $variables.var_update_draftPurchaseOrders
A responseBodyFormat: 'json'

A $variables.varDraftPoDFF.demojj = 'UPDATED-BY-EXTENSION'

response3 = Call REST site_prc_extension:draft_pos/update_draftPurchaseOrders-DFF
URI Parameters
A draftPurchaseOrders_DFF_Id: varPoHeaderId
A draftPurchaseOrders_Id: varPoHeaderId
Parameters
{ } body: $variables.varDraftPoDFF
A responseBodyFormat: 'json'

/*
 * OPTIONAL: IN MY INSTANCE FIRST UPADATE IS NOT REFRESHED IN PAGE.
 * IT IS DONE, BUT IT IS NOT REFRESHED.
 * SO WE AUTOMATE THIS.
 * REMOVE AT YOUR CONVENIENCE.
 */
Call Function $functions.reload_page
```

ID

Description

Endpoint * Select
PATCH site_prc_extension:draft_pos/update_draftPur...

Input Parameters Assign

A draftPurchaseOrders_DFF_Id *	Mapped
A draftPurchaseOrders_Id *	Mapped
A fields	Not Mapped

Parameters Assign

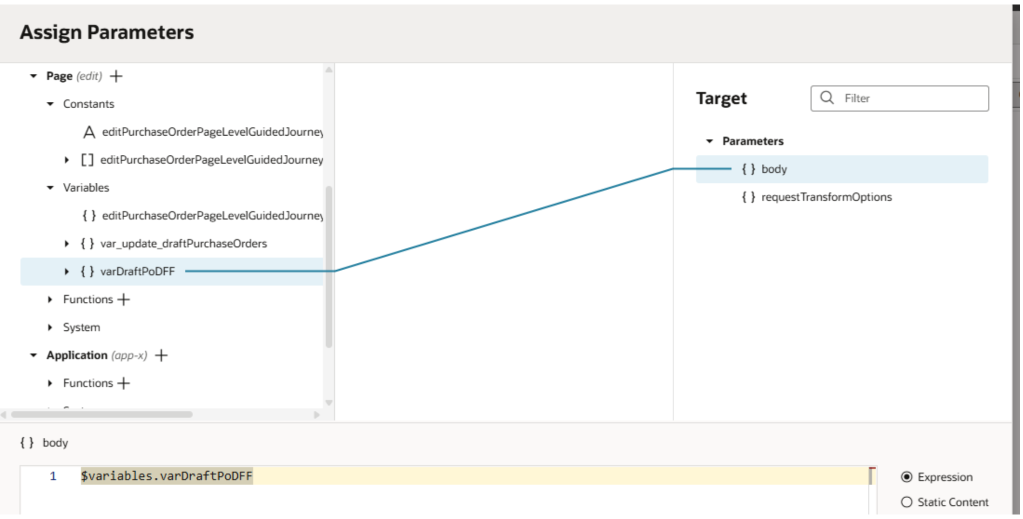
{ } requestTransformOptions	Not Mapped
{ } body	Mapped

Content Type: application/json

Response Body Format: json

Response Type Create

Mapping would be as shown.



Assign Parameters

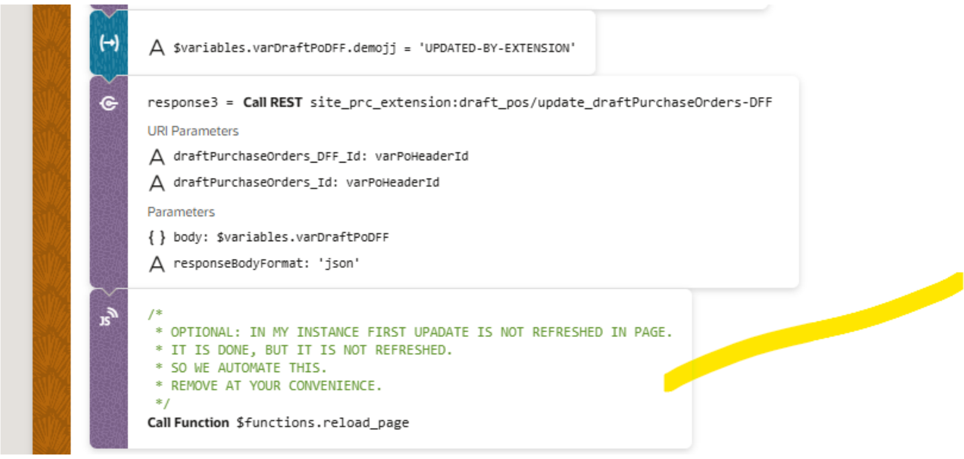
Page (edit) +
Constants
A editPurchaseOrderPageLevelGuidedJourney
[ ] editPurchaseOrderPageLevelGuidedJourney
Variables
{ } editPurchaseOrderPageLevelGuidedJourney
{ } var_update_draftPurchaseOrders
{ } varDraftPoDFF
Functions +
System
Application (app-x) +
Functions +
Target
Filter
Parameters
{ } body
{ } requestTransformOptions

{ } body

```
$variables.varDraftPoDFF
```

● Expression
○ Static Content

g. In our tests sometimes the first update of “Description” is not refreshed on the page, but below scenes it is actually done, so we refresh the page with JavaScript command.



```
A $variables.varDraftPoDFF.demojj = 'UPDATED-BY-EXTENSION'

response3 = Call REST site_prc_extension:draft_pos/update_draftPurchaseOrders-DFF
URI Parameters
A draftPurchaseOrders_DFF_Id: varPoHeaderId
A draftPurchaseOrders_Id: varPoHeaderId
Parameters
{ } body: $variables.varDraftPoDFF
A responseBodyFormat: 'json'

/*
 * OPTIONAL: IN MY INSTANCE FIRST UPADATE IS NOT REFRESHED IN PAGE.
 * IT IS DONE, BUT IT IS NOT REFRESHED.
 * SO WE AUTOMATE THIS.
 * REMOVE AT YOUR CONVENIENCE.
 */
Call Function $functions.reload_page
```

Feel free to remove this command and suggest the user to refresh the page manually (with F5) with a Notification message.

Technical

Code example	Comments
po_defaulting_fra_demo-test_22521_1-1.0.zip	Visual Builder application extension used in demo.
po_default_javascript.txt	JavaScript code.
po_default_action_chain_code.txt	Action chain code, called from listener "vbAfterNavigateListener".