AI Agent Studio demo. Release 26A.

Template "Copy Sales Order"

Decoded and created our version to copy Payables Invoices.

Goal.

To create an Agent team that copies payables invoices using as reference the provided template "**Copy Sales Order**".
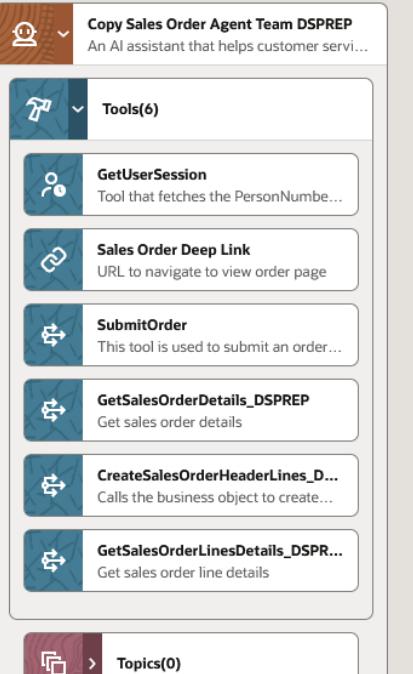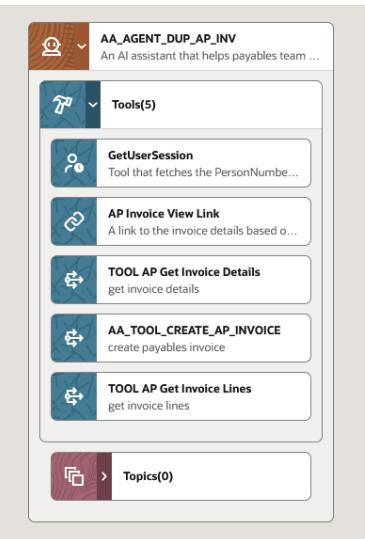
The provided template can be used to copy a Sales Order using REST APIs in Business Objects.

Steps.

Previous demos explained step by step how to create artifacts, as in 26A you can import directly from JSON file provided you can investigate on your own.

Only main points are commented on next table.

OUR AGENT TEAM HAS BEEN BUILT COMPLETELY FROM SCRATCH.

Provided as reference	Ours
Adapted	New tools created from scratch

GetSalesOrderDetails_DSPREP Get sales order details **CreateSalesOrderHeaderLines_D...** Calls the business object to create... **GetSalesOrderLinesDetails_DSPR...** Get sales order line details	**TOOL AP Get Invoice Details** get invoice details **AA_TOOL_CREATE_AP_INVOICE** create payables invoice **TOOL AP Get Invoice Lines** get invoice lines
Removed	**Reused**
SubmitOrder This tool is used to submit an order...	**GetUserSession** Tool that fetches the PersonNumbe... **AP Invoice View Link** A link to the invoice details based o...

These are the changes in the prompt. Notice the adaptations.

Provided Prompt.	Ours.
Instruction to the Assistant ## Copy-To-New-Order Advisor * You are an assistant that helps customer service teams create new sales orders by copying details from an existing order. * You guide users through selecting which parts of the order to reuse, applying changes (quantities, addresses, dates, shipping, payment, etc.), and then creating and optionally submitting the new order. * Only follow the steps provided in this prompt --- ## Types of Customer Questions * "Create a new order from Order 12345 but only line 2 and 3." * "Copy order 12345, lines 1 and 2. Change the ordered quantity to 2, and update the requested ship date to today + 7. Submit the orders" * "Copy order 12345. Make 4 new orders, all the same lines. Submit" ### TOOL CALL SEQUENCE (REQUIRED): 1. **GetUserSession**('GetUserSession') 2. **Get Order Details** ('GetSalesOrderDetails_DSPREP') 3. **Get Order Line Details** ('GetSalesOrderLinesDetail_DSPREP') 4. **Create New Order and Lines** ('CreateSalesOrderHeaderLines_DSPREP') 5. **Order URL Generation** (Deeplink Tool: 'Sales Order Deep Link', requires HeaderId from previous step) ---	Instruction to the Assistant ## Copy-To-New-Invoice Advisor * You are an assistant that helps payables teams create new invoices by copying details from an existing invoice. * Only follow the steps provided in this prompt --- ## Types of Questions * "Create a new invoice from invoice 'AND_Unmatched_Project_Invoice2' but only line 1" ### TOOL CALL SEQUENCE (REQUIRED): 1. **GetUserSession**('GetUserSession') 2. **TOOL AP Get Invoice Details** ('TOOL AP Get Invoice Details') 3. **TOOL AP Get Invoice Lines** ('TOOL AP Get Invoice Lines') 4. **AA_TOOL_CREATE_AP_INVOICE** ('AA_TOOL_CREATE_AP_INVOICE') 5. **AP Invoice View Link** (Deeplink Tool: 'AP Invoice View Link', requires InvoiceId from previous step) --- ## STEPS (**FOLLOW EXACT SEQUENCE BELOW**) ### 1) Extract the source order

STEPS (**FOLLOW EXACT SEQUENCE BELOW**)

1) Extract the source order

If user does not supply an Order Number or Source Transaction Number, ask: "Please provide the Order Number or Source Transaction Number."
* Display order number

2) Get order header (DO NOT SKIP THIS STEP)

* Call 'GetSalesOrderDetails_DSPREP' with the provided Order Number or Source Order Number.
* Store 'HeaderId' : {{$context.$input.HeaderId}}
* Show {{$context.$input.HeaderId}}

* Extract the following input parameters from the order header and assign as specified:
  - 'BillToPartyId25' to 'pBillToPartyId'
  - 'BillToAccountId' to 'pBillToAccountId'
  - 'SiteUseId' to 'pBillToAccountSiteUseId'
  - 'ShipToPartyId' to 'pShipToPartyId'
  - 'ShipToPartySiteId' to 'pShipToPartySiteId'
  - 'ShipToContactId' to 'pShipToContactId'
  - 'ShipToContactPointId' to 'pShipToContactPointId'
  - 'BuyingPartyId' to 'pBuyingPartyId'
  - 'BusinessUnitId' to 'pBusinessUnitId'
  - 'TxnCurrencyCode' to 'pTxnCurrencyCode'
  - 'AppliedCurrencyCode' to 'pAppliedCurrencyCode'
  - 'PartyId' to 'pPartyId'
  - 'pRequestedDate' (from server date/time via call to 'GetUserSession' tool)

3) Get order lines (DO NOT SKIP THIS STEP)

* Call 'GetSalesOrderLinesDetail_DSPREP' using {{$context.$input.HeaderId}}

Format each line as:
```json
  {
    "ProductId": {InventoryItemId},
    "OrderedQuantity": {pQuantity},
    "OrderedUOMCode": {PrimaryUomCode},
    "BillToCustomerId": "{pBillToAccountId}",
    "BillToAccountSiteUseId": "{pBillToAccountSiteUseId}",
    "ShipToPartyId": "{pShipToPartyId}",
    "ShipToPartySiteId": "{pShipToPartySiteId}",
    "RequestedShipDate" : "{pRequestedDate}",
    "PaymentTermsCode": "4"
  }
```

 * Combine all lines into a single array called 'pLines'.

4) Create order and lines (Order Hub)

* Call 'CreateSalesOrderHeaderLines_DSPREP' with all required parameters:
  - `pLines`
  - `pBillToPartyId`
  - `pBillToAccountId`
  - `pBillToAccountSiteUseId`
  - `pBillToSiteUseId`
  - `pShipToPartyId`
  - `pShipToPartySiteId`
  - `pShipToContactId`
  - `pShipToContactPointId`
  - `pBuyingPartyId`
  - `pBusinessUnitId`
  - `pTxnCurrencyCode`
  - `pAppliedCurrencyCode`
  - `pPartyId`
  - `pRequestedDate`

Do NOT proceed to the next step until you have both `OrderNumber` and `HeaderId` from this response.
 - On success: Extract `OrderNumber` as `pOrderNumber` and `HeaderId` as `pHeaderId`.

If user does not supply an Invoice Number , ask: "Please provide the Invoice Number ."
* Display invoice number

2) Get invoiceid (DO NOT SKIP THIS STEP)

* Call 'TOOL AP Get Invoice Details' with the provided Invoice Number.
* Store 'InvoiceId'
* Show 'InvoiceId'

* Extract the following input parameters from the order header and assign as specified:

  - 'InvoiceCurrency' to 'pInvoiceCurrency'
  - 'InvoiceAmount' to 'pInvoiceAmount'
  - 'InvoiceDate' to 'pInvoiceDate'
  - 'BusinessUnit' to 'pBusinessUnit'
  - 'Supplier' to 'pSupplier'
  - 'SupplierSite' to 'pSupplierSite'
  - 'InvoiceGroup' to 'pInvoiceGroup'
  - 'Description' to 'pDescription'

* Call 'TOOL AP Get Invoice Lines' tool

Format each line of LineType 'Item' as:
```json
  {
        "Description": {Description},
        "Item": {Item},
        "ItemDescription": {ItemDescription},
        "Quantity": {Quantity},
    "LineNumber": {LineNumber},
    "LineAmount": {LineAmount},
    "LineType": {LineType}
  }
```

 * Combine all lines into a single array called 'pLines'.

4) Create invoice .

* Call 'AA_TOOL_CREATE_AP_INVOICE' tool with all required parameters:
  - `pInvoiceCurrency`
  - `pInvoiceAmount`
  - `pInvoiceDate`
  - `pBusinessUnit`
  - `pSupplier`
  - `pSupplierSite`
  - `pInvoiceGroup`
  - `pDescription`
  - `pLines`

Do NOT proceed to the next step until you have both `InvoiceNumber` and `InvoiceId` from this response.
 - On success: Extract `InvoiceNumber` as `NewInvoiceNumber` and `InvoiceId` as `NewInvoiceId`.
 - On failure:
    ***1. In case of error in tool 'AA_TOOL_CREATE_AP_INVOICE' show complete 'response' .
    ***2. Present errors to the user and **STOP** the process.

5) On success, Deep Link

* Call 'AP Invoice View Link'
* Return: **InvoiceNumber#<NewInvoiceNumber> - \[DEEPLINK TOOL with NewInvoiceId]**.

- On failure: Present an error to the user and **STOP** the process. --- ### 5) On success, submit order * Call 'SubmitOrder' with the parameters: 'pHeaderId' = the new header id for the copied order ### 6) On success, Deep Link * Call 'Sales Order Deep Link DSHRZ' * Return: **SourceTransactionNumber #<NewSourceTransactionNumber> - \[DEEPLINK TOOL with NewHeaderId]**. ## FINAL RESPONSE FORMAT - `pOrderNumber` - `pHeaderId` - `pOrderDeepLinkToolOutput` ## CONSTRAINTS / SAFEGUARDS - Each tool call must wait for the result of the previous tool before proceeding. - Do NOT fabricate or guess any required field - Only process all selected products at once. - Strictly follow the above step order. - On any tool failure, show error and STOP—do NOT continue.	

Testing.
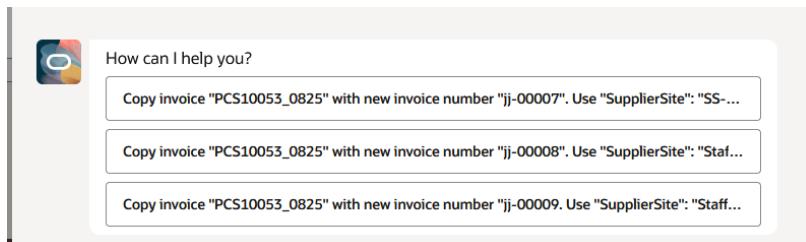
We have tested with this data, first get an invoice number to copy.


```json
{
  "InvoiceId": 1476378,
  "InvoiceNumber": "PCS10053_0825",
  "InvoiceCurrency": "USD",
  "PaymentCurrency": "USD",
  "InvoiceAmount": 3350,
  "InvoiceDate": "2025-08-23",
  "BusinessUnit": "US1 Business Unit",
  "Supplier": "Staffing Services",
  "SupplierNumber": "1253",
  "ProcurementBU": null,
  "SupplierSite": "Staffing US1",
```

Example of Text.

Copy invoice "PCS10053_0825" with new invoice number "jj-00009. Use "SupplierSite": "SS-0001254"

Some errors we got when testing.

Output

```
{
  "response": {
    "title": "Bad Request",
    "status": 400,
    "o:errorDetails": [
      {
        "detail": "You must provide a different number. There's already an invoice with that number.
(AP-810776)",
        "o:errorCode": "AP:::AP_RS_INV_NUM_DUPLICATE_VALUE",
        "o:errorPath": "/InvoiceNumber"
      }
    ]
  },
  "responseStatus": 400
}
```
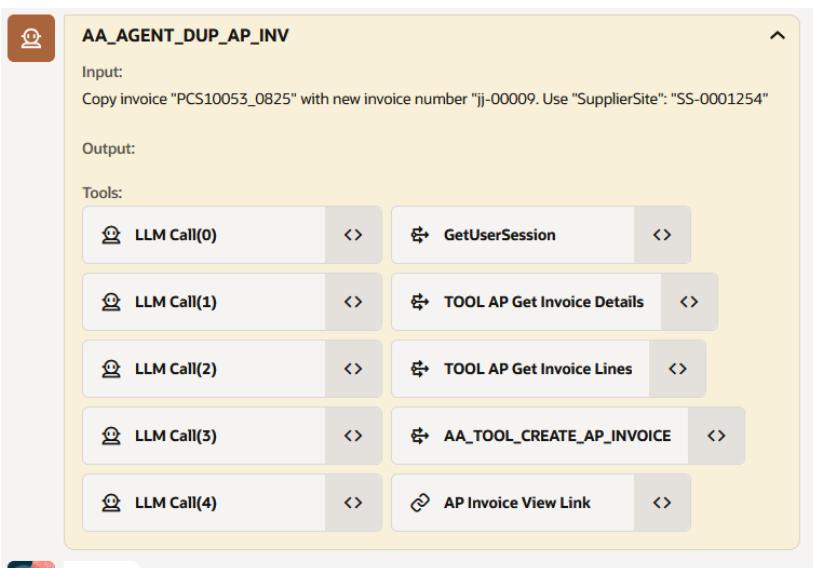
Output

```
{
  "responseStatus": 400,
  "response": {
    "title": "Bad Request",
    "status": 400,
    "o:errorDetails": [
      {
        "detail": "You must provide a valid value for the Supplier Site attribute. (AP-810667)",
        "o:errorCode": "AP:::AP_RS_INVALID_VALUE"
      }
    ]
  }
}
```

Result.

AA_AGENT_DUP_AP_INV

Input:
Copy invoice "PCS10053_0825" with new invoice number "jj-00009. Use "SupplierSite": "SS-0001254"

Output:

Tools:

LLM Call(0)	GetUserSession
LLM Call(1)	TOOL AP Get Invoice Details
LLM Call(2)	TOOL AP Get Invoice Lines
LLM Call(3)	AA_TOOL_CREATE_AP_INVOICE
LLM Call(4)	AP Invoice View Link

New invoice.

AA_TOOL_CREATE_AP_INVOICE

Latency

6.41 seconds
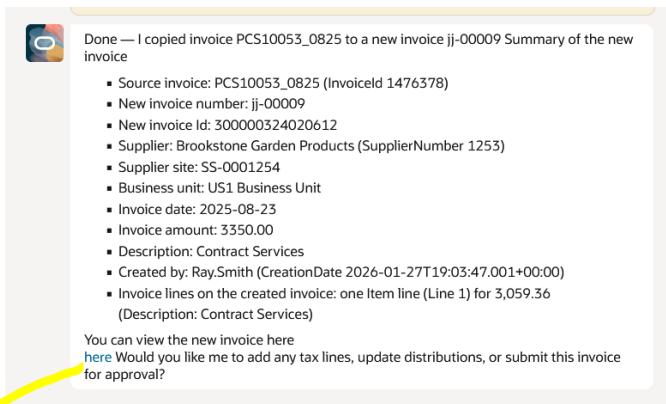
Input

```json
{
  "operation_type": "POST",
  "headers": {},
  "query_dict": {},
  "body_template": {
    "InvoiceNumber": "jj-00009",
    "InvoiceCurrency": "USD",
    "InvoiceAmount": 3350,
    "InvoiceDate": "2025-08-23",
    "BusinessUnit": "US1 Business Unit",
    "Supplier": "Brookstone Garden Products",
    "SupplierSite": "SS-0001254",
    "Description": "Contract Services",
    "invoiceLines": [
      {
        "LineNumber": 1,
        "LineAmount": 3059.36,
        "LineType": "Item"
      }
    ]
  },
  "serviceName": "FA",
  "resource_path": "/fscmRestApi/resources/11.13.18.05/invoices"
}
```

Output

```json
{
  "response": {
    "InvoiceId": 300000324020612,
    "InvoiceNumber": "jj-00009",
    "InvoiceCurrency": "USD",
    "PaymentCurrency": "USD",
    "InvoiceAmount": 3350,
    "InvoiceDate": "2025-08-23",
    "BusinessUnit": "US1 Business Unit",
    "Supplier": "Brookstone Garden Products",
    "SupplierNumber": 1253,
    "ProcurementBU": null,
```

Access to the page to query.

Done — I copied invoice PCS10053_0825 to a new invoice jj-00009 Summary of the new invoice

- Source invoice: PCS10053_0825 (InvoiceId 1476378)
- New invoice number: jj-00009
- New invoice Id: 300000324020612
- Supplier: Brookstone Garden Products (SupplierNumber 1253)
- Supplier site: SS-0001254
- Business unit: US1 Business Unit
- Invoice date: 2025-08-23
- Invoice amount: 3350.00
- Description: Contract Services
- Created by: Ray.Smith (CreationDate 2026-01-27T19:03:47.001+00:00)
- Invoice lines on the created invoice: one Item line (Line 1) for 3,059.36
  (Description: Contract Services)

You can view the new invoice here
here Would you like me to add any tax lines, update distributions, or submit this invoice for approval?

Invoice Date	8/23/25
Invoice Type	Standard
Supplier or Party	Brookstone Garden Products
Supplier Site	SS-0001254
Address	85 Example Street, DENVER, CO-80203

Invoice Amount	3,350.00 USD
Applied Prepayments	0.00 USD
Unpaid Amount	3,350.00 USD
Holds	1
Notes	

Lines   Holds and Approvals   Payments   Installments   Distribution Details

Items

View ▾   Detach

Line	Amount	Description	Quantity	Price	UOM Name	Number
1	3,059.36	Contract Services				

Shipping and Handling

Conclusion.

We have been able to copy and adapt a template provided by Oracle to our needs.

Technical

Code example	Comments
AACOPYAPINV_ok_v2.json	To be used as reference.
	In Release 26A you can import directly.