

Stage 1:

Load data from CSV into Staging table AP_INVOICE_IFACE_STG_17

1. Create staging table

```
DROP TABLE AP_INVOICE_IFACE_STG_17;
CREATE TABLE ap_invoice_iface_stg_17
(
    invoice_type          VARCHAR2 ( 50 ),
    invoice_num           VARCHAR2 ( 20 ),
    curr_code             VARCHAR2 ( 10 ),
    vendor_number         VARCHAR2 ( 30 ),
    vendor_site           VARCHAR2 ( 40 ),
    payment_term          VARCHAR(15),
    line_number           NUMBER,
    description            VARCHAR2 ( 250 ),
    header_amount         NUMBER,
    line_amount           NUMBER,
    org_id                NUMBER,
    source                 VARCHAR2 ( 100 ) DEFAULT 'STANLEY',
    distribution_set_name VARCHAR2 ( 100 ) DEFAULT 'PUB',
    dist_set_id           NUMBER,
    vendor_id             NUMBER,
    vendor_site_id        NUMBER,
    payment_term_id       NUMBER,
    source_id             NUMBER,
    created_by            NUMBER,
    creation_date          DATE,
    last_updated_by       NUMBER,
    last_updated_date     DATE,
    last_updated_login    NUMBER,
    request_id            NUMBER,
    record_status         VARCHAR2 ( 10 ),
    error_message         VARCHAR2 ( 2000 )
);
```

2. Move the Files (*.csv & *.ctl) into the Server

- copy the ctl file into \$FND_TOP/bin

/u01/install/APPS/fs1/EBSpapps/appl/fnd/12.0.0/bin/					
Name	Size	Changed	Rights	Owner	
..		12/8/2021 12:55:23 AM	rwX-----	oracle	
ADCONV	465 KB	12/8/2021 12:54:20 AM	rwX-----	oracle	
afcppt.pl	5 KB	12/8/2021 12:54:20 AM	rwX-----	oracle	
AFPASSWD	1,125 KB	12/8/2021 12:54:20 AM	rwX-----	oracle	
afpmtune.sh	3 KB	12/8/2021 12:54:19 AM	rwX-----	oracle	
AFTBLGEN	272 KB	12/8/2021 12:54:20 AM	rwX-----	oracle	
AP09_1.ctl	1 KB	11/4/2024 12:55:13 PM	rw-r--r--	oracle	
AP11.ctl	1 KB	11/4/2024 12:54:29 PM	rw-r--r--	oracle	
AP17.ctl	1 KB	11/4/2024 12:54:37 PM	rw-r--r--	oracle	

- Copy the csv file into /home/oracle

/home/oracle/				
Name	Size	Changed	Rights	Owner
..		12/7/2021 11:26:44 PM	rwXr-xr-x	root
logs		10/28/2024 9:10:43 PM	rwXr-xr-x	oracle
oradiag_oracle		12/8/2021 7:03:18 AM	rwXr-xr-x	oracle
Supporting Files		11/1/2024 9:40:07 AM	rwXr-xr-x	oracle
AP_DATA_09.csv	1 KB	11/4/2024 1:17:00 PM	rw-r--r--	oracle
AP_DATA_17.csv	1 KB	11/4/2024 12:56:30 PM	rw-r--r--	oracle

3. Create the Concurrent Program Executable

Execution Method=SQL* Loader

Execution File Name=CTL file Name without extention

Concurrent Programs

Program: **AP_Data Loader_17** ☒ Enabled

Short Name: **APDL_17**

Application: **Application Object Library**

Description:

Executable

Name: **AP_DL_17** Options:

Method: **SQL*Loader**

Request

Type:

Incrementor:

MLS Function:

Operating Unit Mode:

☒ Use in SRS ☐ Allow Disabled Values

☐ Run Alone ☒ Restart on System Failure

☐ Enable Trace ☒ NLS Compliant

☐ Recalculate Default Parameters

Output

Format: **Text**

☒ Save (G)

☒ Print

Columns:

Rows:

Style:

☐ Style Required

Printer:

☐ Disable URL Security

Business Events

☐ Request Submitted (Y) ☐ Request Running ☐ Post Processing Ended

☐ Request On Hold ☐ Program Completed ☐ Request Completed (Z)

☐ Request Resumed ☐ Post Processing Started

Copy to... Session Control Incompatibilities Parameters (G)

4. Add the Concurrent Program to the Request Group

7656255	AP_Data Loader_17	Completed	Normal	/home/oracle/AP_DATA_17.cs
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```
SELECT *
FROM AP_INVOICE_IFACE STG_17;
```

INVOICE_TYPE	INVOICE_NUM	CURR_CODE	VENDOR_NUMBER	VENDOR_SITE	PAYMENT_TERM	LINE_NUMBER	DESCRIPTION
STANDARD	12345	USD	2007	DANVILLE-CTR	Immediate	1	TEST Line Created by
STANDARD	12345	USD	2007	DANVILLE-CTR	Immediate	2	TEST Line Created by
STANDARD	12345	USD	2007	DANVILLE-CTR	Immediate	3	TEST Line Created by

Stage 2:

Load Staging table data into Interface tables: AP_INVOICE_LINES_INTERFACE, and AP_INVOICES_INTERFACE

1. Create Package Specification
2. Create Package Procedure Body
3. Create Concurrent Executable Program in EBS

Concurrent Programs

Program: **AP_Interface_17** ☒ Enabled

Short Name: **AP_INTERFACE_17**

Application: **Application Object Library**

Description:

Executable

Name: **AP_Interface_17** Options:

Method: **PL/SQL Stored Procedure**

Request

Type:

Incrementor:

MLS Function:

Operating Unit Mode:

☒ Use in SRS ☐ Allow Disabled Values

☐ Run Alone ☒ Restart on System Failure

☐ Enable Trace ☒ NLS Compliant

☐ Recalculate Default Parameters

Output

Format: **Text**

☒ Save (C) ☒ Print

Columns:

Rows:

Style:

☐ Style Required

Printer:

☐ Disable URL Security

Business Events

☐ Request Submitted (Y) ☐ Request Running ☐ Post Processing Ended

☐ Request On Hold ☐ Program Completed ☐ Request Completed (Z)

☐ Request Resumed ☐ Post Processing Started

Copy to... Session Control Incompatibilities Parameters (G)

4. Create a new request

7656295	AP_Interface_17	Completed	Normal
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```
SELECT *
FROM AP_invoice_lines_interface;
```

	INVOICE_ID	INVOICE_LINE_ID	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	LINE_GROUP_NUMBER	AMOUNT	ACCOUNTING_DATE	USER
1	5173461	6183556	1	ITEM		<null>	200 2024-11-09 06:31:17	TEST
2	5173461	6183557	2	ITEM		<null>	200 2024-11-09 06:31:17	TEST
3	5173461	6183558	3	ITEM		<null>	200 2024-11-09 06:31:17	TEST

SELECT * FROM AP_INVOICES_INTERFACE;								
INVOICE_ID	INVOICE_NUM	INVOICE_TYPE_LOOKUP_CODE	INVOICE_DATE	PO_NUMBER	VENDOR_ID	VENDOR_NUM	VENDOR_NAME	
5173461	12345	STANDARD	2024-11-09 06:31:17	<null>		<null>	<null>	<null>