

PeopleSoft Interface
Oracle FLEXCUBE Universal Banking
Release 11.80.02.0.0 CN Cluster
Oracle Part Number E64368-01
[January] [2016]



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1. About this Manual

1.1 Introduction

Oracle FLEXCUBE interfaces with the external system PeopleSoft via Finance Data Mart – ETL System (FDM). This document explains the handoff generated by Oracle FLEXCUBE.

1.1.1 Audience

This manual is intended for the following User/User Roles:

Role	Function
End of day operators	Processing during end of day/beginning of day
Financial Controller/Product Managers	Generation of reports

1.1.2 Organization

This manual is organized into the following chapters:

Chapter 1	<i>About this Manual</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	<i>GL Transaction Extract</i> gives information about the maintenance required in Oracle FLEXCUBE for generating GL extracts. It also provides the handoff file format.

1.1.3 Abbreviations

The following abbreviations have been used in this manual.

Abbreviation	Expanded Form
RO	Regional Office
HO	Head Office
EOD	End Of Day
UDF	User Defined Field

2. GL Transaction Extract

2.1 Introduction

Oracle FLEXCUBE generates daily handoff files containing GL transactions and trial balance for the current business day. The handoff files are generated automatically as part of End of Day (EOD) batch.

2.2 Maintaining Interface Details

You need to maintain the following details for this interface:

- External System Details
- User Defined Function
- Interface Parameters
- UDF details
- EOD Maintenance

2.2.1 Maintaining External System

You can maintain the external system using 'External Interface Maintenance' screen. You can invoke this screen by typing 'GWDEXSYS' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot displays the 'External System - Detailed' Webpage Dialog. The dialog is divided into several sections:

- External System:** External System * PEOPLESOFT, Description PeopleSoft Handoff, Correlation Pattern Request Message ID.
- Message Exchange Pattern:** Request Message Input Only, Response Message Full Screen, Queue Default Response Queue, Dead Letter Queue.
- External System Queues *:** A table with columns In Queue * and Response Queue. The table contains one row: MIL_IQ (In Queue) and MIL_RQ (Response Queue).
- Checkboxes:** XSD Validation Required (unchecked), Register Response Queue Message Id (unchecked).
- Status Bar:** Input By OFSS1, Date Time 8/11/2011 18:14:35, Modification Number 1, Authorized, Open, Exit.

Here you need to specify the following details:

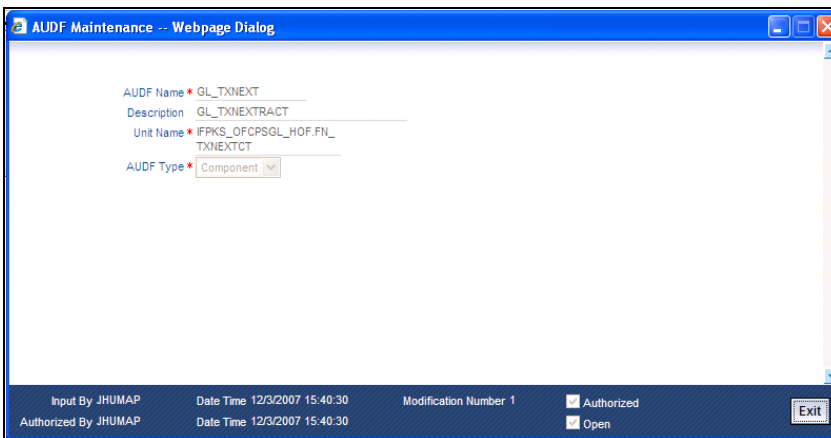
External System

Specify 'PEOPLESOFT' as the external system.

For further details about maintaining an external system, an external system, refer the Generic Interface User Manual.

2.2.2 Maintaining User Defined Function

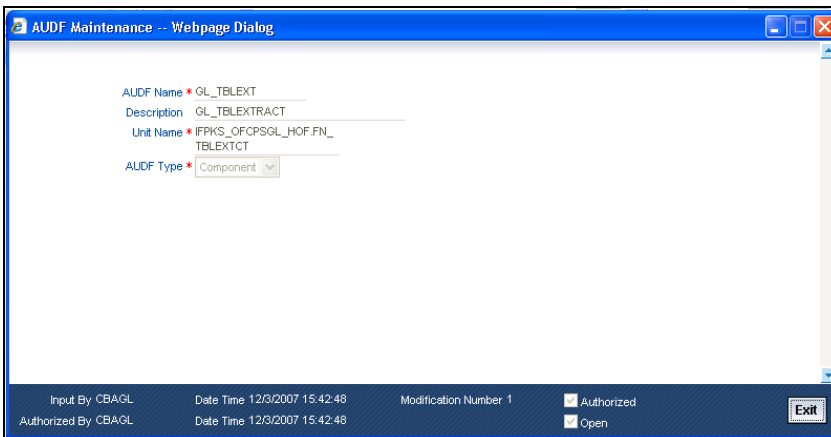
You need to maintain certain user defined functions using the 'AUDF Maintenance' screen. You can invoke this screen by typing 'GIDAUDFM' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



The screenshot shows the 'AUDF Maintenance -- Webpage Dialog' window. The fields are filled with the following values:

- AUDF Name: GL_TXNEXT
- Description: GL_TXNEXTTRACT
- Unit Name: IFPKS_OFCPSSL_HOF.FN_TXNEXTCT
- AUDF Type: Component

The status bar at the bottom indicates: Input By JHUMAP, Date Time 12/3/2007 15:40:30, Modification Number 1, Authorized (checked), Open (checked), and an Exit button.



The screenshot shows the 'AUDF Maintenance -- Webpage Dialog' window. The fields are filled with the following values:

- AUDF Name: GL_TBEXT
- Description: GL_TBEXTRACT
- Unit Name: IFPKS_OFCPSSL_HOF.FN_TBEXTCT
- AUDF Type: Component

The status bar at the bottom indicates: Input By CBAGL, Date Time 12/3/2007 15:42:48, Modification Number 1, Authorized (checked), Open (checked), and an Exit button.

You need to maintain two records.

AUDF Name

Specify 'GL_TXNEXT' to indicate the function for GL transactions. Specify 'GL_TBEXT' to indicate the function for trial balance.

For further details about maintaining user defined functions, refer the Generic Interface User Manual.

2.2.3 Maintaining Interface Parameters

You need to maintain certain interface parameters using the 'Interface Definition' screen. You can invoke this screen by typing 'GIDIFTDF' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

In this screen, you can define two records – one for GL transactions and one for Trial Balance.

Branch Code

Specify the Head Office branch code.

Interface Type

Select the interface type as 'Outgoing' from the adjoining drop-down list.

External System

Specify 'PEOPLESOFT' as the external system.

Triggering

Select 'System' from the adjoining drop-down list..

Mandatory

Check this box.

Interface Code

Maintain separate records with the following interface codes for GL transactions and Trial balance respectively:

- GLTXNEXT
- GLTBLEXT

Format Type

Select 'Fixed' from the adjoining drop-down list.

File Path

Specify the path to be configured on Oracle FLEXCUBE DB Server where the files need to be saved.

Frequency Type

Select the frequency type as 'Daily' from the adjoining drop-down list.

No of Executions Day

Select frequency type as 'Single' from the adjoining drop-down list.

When to Run

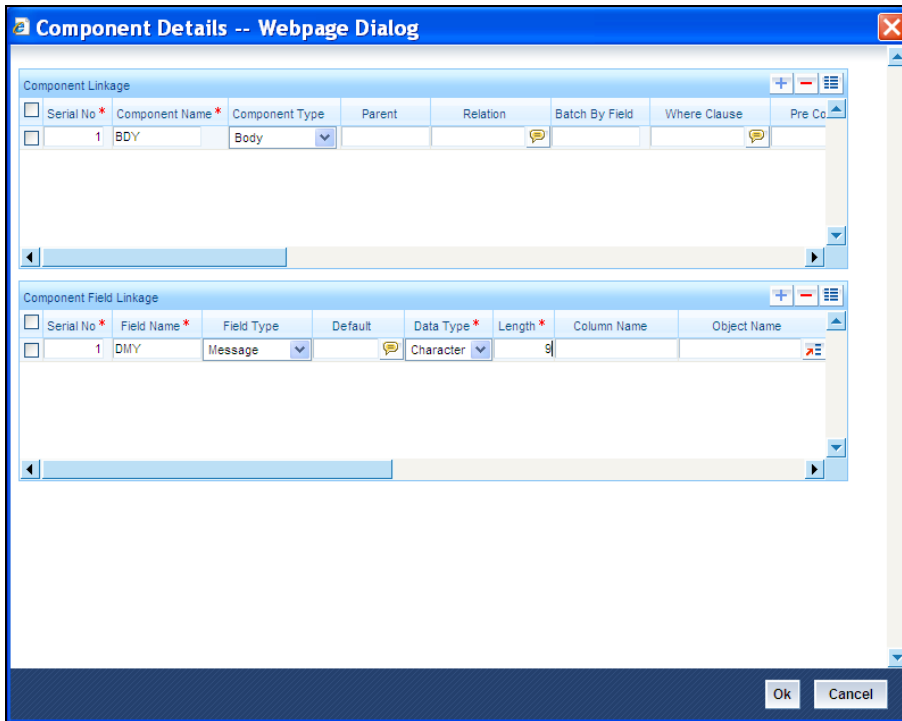
Select 'End of Financial Input' from the adjoining drop-down list.

Delimiting Character

Specify (,) Comma as the delimiting character.

2.2.3.1 Specifying Component Details

Click 'Component' button and invoke the 'Component Details' screen.



Specify the following details:

Component Name

Specify 'BDY'.

Component Type

Select 'Body' from the adjoining drop-down list.

Post Component AUDF

Specify 'GL_TXNEXT' in case of GL transaction maintenance and specify 'GL_TBLEXT' in case of trial balance maintenance.

Field Name

Specify 'DMY'.

Field Type

Select 'Message' from the adjoining drop-down list.

Data Type

Select 'Character' from the adjoining drop-down list.

For further details about this screen, refer the Generic Interface User Manual.

2.2.4 Maintaining UDFs

In order to capture certain details required in the handoff file, you will have to maintain the following UDFs:

- DEPT_CD
- PROJECT_ID

You can maintain the aforementioned UDFs using the 'User Defined Fields Maintenance' screen. You can invoke this screen by typing 'UDDMAINT' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

You need to maintain two different records.

Field Name

Maintain the name as 'DEPT_CD'. Maintain another record with 'PROJECT_ID' as the field name.

Usage Allowed

Select 'Function ID' from the adjoining drop-down list for both UDFs.

Function

Specify 'STDBRANC' as the function ID to which the UDF 'DEPT_CD' should be linked. Specify the appropriate function ID from DE module for linking the UDF 'PROJECT_ID'.

For further details about this screen, refer the User Defined Fields User Manual under Modularity.

2.2.5 Maintaining EOD Batches

You need to maintain certain batches to be run at EOD using the 'Mandatory Batch Program Maintenance' screen. You can invoke this screen by typing 'EIDMANPR' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Specify the following details:

Function Identification

You need to maintain individual records for each of the following batches:

- GIDPRSIF
- GIDBATCH

End of Cycle Group

Select 'End of Day' for GIDBATCH. This batch will automatically update the run date of the Handoff process and makes it ready for next day processing. Frequency is daily.

Select 'End of Financial Input' for GIDPRSIF. Note that it should be maintained as the last batch for the stage. This batch will automatically trigger the handoff process during the EOD.

Frequency

Select 'Daily' for both batches.

2.2.6 Interface Attributes

Based on the details in the 'Interface Definition' screen, handoff file will be generated as an ASCII file with fixed length contents. In case of the GL transaction handoff, the file will be generated with the following nomenclature: YYYYMMDD_CHNGL_TRX_nnn.txt; where 'nnn' represents the sequence number for the extract date. It would be 001 for the first time of file generation. The file will contain transactions posted on that day after the previous day's extract. In case of Trial balance handoff, the file will be generated with the following nomenclature: YYYYMMDD_CHNGL_BAL_nnn.txt; where 'nnn' represents the sequence number for the extract date. It would be 001 for the first time of file generation. The file will contain aggregate YTD balances as on that day for each business unit, account, department, product and affiliate.

2.2.7 Handoff File Format

The handoff files are generated in the path specified in the Oracle FLEXCUBE Database server in the following format:

Header

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory /Optional	Remarks
Record Type	Record Type	Constant as 'H'	Constant as 'H'	CHAR	1	Mandatory	
System Name	System Name	Constant as 'CHNGL'	Constant as 'CHNGL'	CHAR	5	Mandatory	
Process Date	Process Date	Captured as Oracle FLEXCUBE application date	Captured as Oracle FLEXCUBE application date	DATE	8	Mandatory	YYYYMM MDD i.e. '20120914'
File Name	File Name	Assumed as in format YYYYMM MDD_CH NGL_TR X_nnn.txt	Assumed as in format YYYYMM DD_CHN GL_BAL_ 001.txt	CHAR	26	Mandatory	i.e. YYYYMM MDD_CH NGL_TR X_001.txt and YYYYMM MDD_CH NGL_BA L_001.txt
Filler	Filler	Blanks	Blanks	CHAR	80	Mandatory	

Body

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory /Optional	Remarks
Record Type	Record Type	Constant as 'D'	Constant as 'D'	CHAR	1	Mandatory	

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory/Optional	Remarks
Business Unit	Business Unit	Regional office for source branch	Regional office for source branch	VARCHAR2	3	Mandatory	Legal Entity/County Bank
Journal Number	Journal Number	Transaction Reference Number	Spaces	VARCHAR2	20	Mandatory	
Value Date	Value Date	The actual value date on which the transaction is posted into.	OFC application date on which the extract is being done	DATE	8	Mandatory	YYYYMMDD i.e. 20120914
Journal Date	Journal Date	The date on which the transaction occurred/posted	Spaces	Date	8	Mandatory	YYYYMMDD i.e. 20120914
Fiscal Year	Fiscal Year	Financial Cycle in OFC , the current transaction date belongs to	Spaces	VARCHAR2	4	Mandatory	YYYY i.e. 2012
Accounting Period	Accounting Period	Period Code in OFC , the current transaction date belongs to	Spaces	VARCHAR2	3	Mandatory	MMM i.e. SEP

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory/Optional	Remarks
Currency	Currency	Transaction/Posting Currency	Transaction/Posting Currency	VARCHAR2	3	Mandatory	CNY
Account	Account	Respective debit and credit 9 character GL code of the account. In case of a customer account , then the underlying Credit/Debit GL	Respective debit and credit 9 character GL code of the account. In case of a customer account , then the underlying Credit/Debit GL	VARCHAR2	9	Mandatory	
Department	Department	UDF	MIS code	VARCHAR2	9	Mandatory	DEPT_CD UDF value, if present. For the transactions belonging to any branch other than RO level or HO branches the department code used in handoff will be the branch's Legal Entity's (RO) department code.

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory/Optional	Remarks
Product	Product	In case of Loan Account : For any transaction involved for this , Product will be the product code in OFC which is used to create the Loan Account CASA/TD/RD Account : For any transaction involved for this , Product will be the account class in OFC which is used to create this CASA/TD/RD account.	In case of Loan Account : For any transaction involved for this , Product will be the product code in OFC which is used to create the Loan Account CASA/TD/RD Account: For any transaction involved for this, Product will be the account class in OFC which is used to create this CASA/TD/RD account.	VARCHAR2	6	Mandatory	
Project	Project	UDF	Spaces	VARCHAR2	9	Optional	PROJECT_ID UDF value, if present.

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory/Optional	Remarks
Affiliate	Affiliate	Code that represents the Inter County transaction.	Code that represents the Inter County transaction.	VARCHAR2	9	Optional	Ex: In case of an Inter-county bank transaction between RO1 and RO2, For RO1 the Affiliate Code will be RO2 and for RO2 the Affiliate will be RO1
DRCR	DRCR	Debit Credit Indicator for the posted transaction	Debit Credit Balance Indicator Account involved	VARCHAR2	1	Mandatory	'D' for +ve sign values. 'C' for -ve sign values.
Amount	Amount	Transaction Amount in the corresponding transaction currency	Aggregate amount of the transactions grouped by BU, Account, Department, Product and Affiliate.	Signed Numeric	27	Mandatory	SIGNED NUMERIC (22,3)

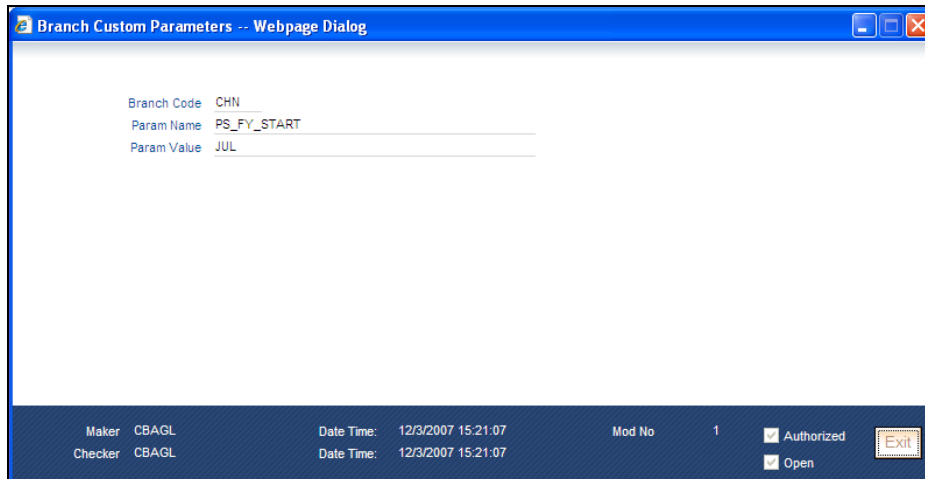
Trailer

Field Name	Description	For GL Transaction Extract	For Trial Balance Extract	Data Type	Length	Mandatory /Optional	Remarks
Record Type	Record Type	Constant as 'T'	Constant as 'T'	CHAR	1	Mandatory	
Record Count	Record Count	Count of Detail record lines in the file padded with 0 to 12 characters	Count of Detail record lines in the file padded with 0 to 12 characters	Number	12	Mandatory	i.e. 0000000 00003
Total Debits	Total Debits	Total of all debit amounts	Total of debit amounts	Numeric	27	Mandatory	i.e. +000000 0000000 0000000 00.000
Total Credits	Total Credits	Total of all Credit amounts	Total of all Credit amounts	Numeric	27	Mandatory	i.e. - 0000000 00 0000000 000 000.000
Filler	Filler	Blanks	Blanks	CHAR	53	Mandatory	

If the file generation fails for any reason on a particular business day, then on the next EOD there will be two sets of files generated for the day. One set of file will be for the previous business day (that failed) and another set for the current run business date.

2.3 Transferring Balances at Year end

You need to zero out the opening balances of Income/Expense type of GL accounts at the start of every PeopleSoft (PS) financial year. You can maintain a bank-level parameter to define the PS financial year start using the 'Branch Custom Parameters' screen. You can invoke this screen by typing 'STDBRCPR' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



Branch Code	CHN
Param Name	PS_FY_START
Param Value	JUL

Maker CBAGL Date Time: 12/3/2007 15:21:07 Mod No 1 Authorized
Checker CBAGL Date Time: 12/3/2007 15:21:07 Open Exit

Specify the following details.

Branch Code

Specify the branch code of your HO.

Param Name

Specify 'PS_FY_START'.

Param Value

Specify the month that should be considered as start of financial year. For instance, you can maintain 'JUL' to indicate July.

When the system date reaches the PS FY start, during handoff file generation, the closing balance of the previous PS FY (Income/Expense type of GL accounts) will be zeroed out and the opening balance for the Income/Expense type of GL accounts of the new PS FY will become zero. The new extract file will have the balances calculated by using this zeroed out opening balance only.



PeopleSoft Interface
[January] [2016]

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