

# Oracle Financials Accounting Hub Implementation Guide

## Manual Subledger Journal Entries API

### **Manual Subledger Journal Entries API Overview**

The manual subledger journal entries APIs enable implementers to create, update, delete, complete, and reverse manual subledger journal entries. This API creates one subledger journal entry header or line at a time; therefore, it is not intended to create subledger journal entries in bulk.

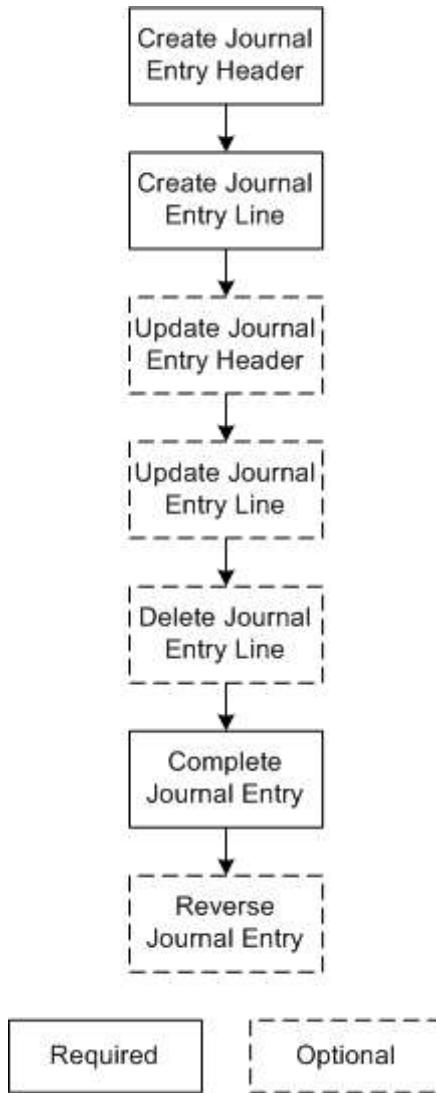
See: Subledger Journal Entry Definition Overview, *Oracle Subledger Accounting Implementation Guide*

### **Technical Overview**

A manual subledger journal entry is not associated with a transaction or document of a subledger application. When users create a manual subledger journal entry, it is created with the event class and event type Manual that is seeded automatically when the subledger application is registered.

The figure below shows the create and complete manual journey entry process and is described in the following text.

#### **Create and Complete Manual Journey Entry**



The create and complete manual journal entry process includes the following steps:

1. Create journal entry header by calling CREATE\_JOURNAL\_ENTRY\_HEADER API.
2. Create journal entry line by calling CREATE\_JOURNAL\_ENTRY\_LINE API.
3. Optionally, update the journal entry header by calling UPDATE\_JOURNAL\_ENTRY\_HEADER API.
4. Optionally, update the journal entry line by calling UPDATE\_JOURNAL\_ENTRY\_LINE API.

5. Optionally, delete the journal entry line by calling DELETE\_JOURNAL\_ENTRY\_LINE API.

6. Complete the journal entry by calling COMPLETE\_JOURNAL\_ENTRY API.

7. Optionally, reverse the journal entry by calling REVERSE\_JOURNAL\_ENTRY API.

Users can delete the journal entry at anytime by calling DELETE\_JOURNAL\_ENTRY API if the journal entry is not transferred to General Ledger.

## XLA\_JOURNAL\_ENTRIES\_PUB\_PKG

This section includes the following topics:

- Global Constants ([T193592T204492.htm#sdapiglob](#))
- Published Journal Entries APIs ([T193592T204492.htm#sdapipub](#))

## Global Constants

The table below describes the constants that are defined in the package specifications.

Constants Defined in the Package Specifications

Name	Description	Date Type	Value
C_TYPE_MANUAL	Journal entry type: Manual	VARCHAR2	MANUAL
C_TYPE_UPGRADE	Journal entry type: Upgrade	VARCHAR2	UPGRADE
C_TYPE_MERGE	Journal entry type: Merge	VARCHAR2	MERGE
C_COMPLETION_OPTION_SAVE	Completion option: Save as Incomplete	VARCHAR2	S
C_COMPLETION_OPTION_DRAFT	Completion option: Draft	VARCHAR2	D
C_COMPLETION_OPTION_FINAL	Completion option: Final	VARCHAR2	F

C_COMPLETION_OPTION_TRANSFER	Completion option: Final and Transfer	VARCHAR2	T
C_COMPLETION_OPTION_POST	Completion option: Final, Transfer, and Post	VARCHAR2	P
C_REVERSAL_CHANGE_SIGN	Reversal option: Change Sign	VARCHAR2	SIGN
C_REVERSAL_SWITCH_DR_CR	Reversal option: Switch DR/CR	VARCHAR2	SIDE
C_STATUS_INCOMPLETE	Journal entry status: Incomplete	VARCHAR2	N
C_STATUS_INVALID	Journal entry status: Invalid	VARCHAR2	I
C_STATUS_DRAFT	Journal entry status: Draft	VARCHAR2	D
C_STATUS_FINAL	Journal entry status: Final	VARCHAR2	F
C_DELETE_NORMAL_MODE	Deletion mode: Normal	VARCHAR2	N
C_DELETE_FORCE_MODE	Deletion mode: Force	VARCHAR2	F

## Published Journal Entries APIs

The following APIs are available in the XLA\_JOURNAL\_ENTRIES\_PUB\_PKG:

- CREATE\_JOURNAL\_ENTRY\_HEADER ([T193592T204492.htm#sdapicreh](#))
- UPDATE\_JOURNAL\_ENTRY\_HEADER ([T193592T204492.htm#sdapiuph](#))
- DELETE\_JOURNAL\_ENTRY ([T193592T204492.htm#sdapidelh](#))
- CREATE\_JOURNAL\_ENTRY\_LINE ([T193592T204492.htm#sdapicrl](#))
- UPDATE\_JOURNAL\_ENTRY\_LINE ([T193592T204492.htm#sdapiupl](#))
- DELETE\_JOURNAL\_ENTRY\_LINE ([T193592T204492.htm#sdapidell](#))

- COMPLETE\_JOURNAL\_ENTRY (T193592T204492.htm#sdapicomp)
- REVERSE\_JOURNAL\_ENTRY (T193592T204492.htm#sdapirev)

## **CREATE\_JOURNAL\_ENTRY\_HEADER**

The CREATE\_JOURNAL\_ENTRY\_HEADER API, as described in the table below, creates a new subledger journal entry header. The following conditions must be valid before the journal entry can be created:

- The P\_APPLICATION\_ID must be valid.
- The P\_LEDGER\_ID must be valid.
- The P\_JE\_CATEGORY\_NAME must be valid.
- The P\_BALANCE\_TYPE\_CODE must be valid.
- The P\_GL\_DATE must belong to a valid accounting period.

Any error found is imported in the message list which can be retrieved from the message list utility function.

The journal entry is created as Incomplete.

Once the entry is created, the output parameter X\_AE\_HEADER\_ID represents the unique identifier of the entry created. It is used in other APIs to uniquely identify the journal entry.

CREATE\_JOURNAL\_ENTRY\_HEADER Parameters

Parameter	Description	Date Type	Type	Required
P_API_VERSION	Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number The current version of the API is 1.0	NUMBER	IN	Yes

P_INIT_MSG_LIST	<p>Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf</p> <p>This parameter accepts the following values:</p> <ul style="list-style-type: none"> <li>FND_API_G_FALSE</li> <li>FND_API_G_FALSE_TRUE</li> </ul>	VARCHAR2	IN	Yes
X_RETURN_STATUS	<p>Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values:</p> <ul style="list-style-type: none"> <li>FND_API.G_RET_STS_SU CESS</li> <li>FND_API.G_RET_STS_ER ROR</li> <li>FND_API.G_RET_STS_UN EXP_ERROR</li> </ul>	VARCHAR2	OUT	N/A
X_MSG_COUNT	<p>Standard business object API parameter</p> <p>The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.</p>	NUMBER	OUT	N/A

X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier; must be a valid application that is registered with the Financials Accounting Hub application	INTEGER	IN	Yes
P_LEDGER_ID	Ledger identifier	INTEGER	IN	Yes
P_LEGAL_ENTITY_ID	Legal entity identifier	INTEGER	IN	No
P_GL_DATE	GL date	DATE	IN	Yes
P_DESCRIPTION	Journal entry description	VARCHAR2	IN	Yes
P_JE_CATEGORY_NAME	Journal category name	VARCHAR2	IN	Yes
P_BALANCE_TYPE_CODE	Balance type; must be one of the following values: A – Actual B – Budget E – Encumbrance	VARCHAR2	IN	Yes
P_BUDGET_VERSION_ID	Budget version identifier; required if BALANCE_TYPE_CODE is B	INTEGER	IN	No
P_ENCUMBRANCE_TYPE_ID	Encumbrance type identifier; required if BALANCE_TYPE_CODE is E	INTEGER	IN	No
P_REFERENCE_DATE	Journal entry reference date	DATE	IN	No

P_ATTRIBUTE_CATEGORY	Attribute category	VARCHAR2	IN	No
P_ATTRIBUTE1	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE2	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE3	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE4	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE5	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE6	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE7	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE8	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE9	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE10	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE11	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE12	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE13	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE14	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE15	Attribute column	VARCHAR2	IN	No

P_MSG_MODE	Mode of raising exception; must be one of the following: S – standard mode: The exception is added to the message list and can be retrieved using the message list utility function. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes
X_AE_HEADER_ID	Journal entry header identifier created by the API	INTEGER	OUT	N/A
X_EVENT_ID	Event internal identifier	INTEGER	OUT	N/A
X_PERIOD_NAME	Period name derived from accounting date	VARCHAR2	OUT	N/A
X_CREATION_DATE	Creation date	DATE	OUT	N/A
X_CREATED_BY	Created by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_DATE	Last update date	DATE	OUT	N/A
X_LAST_UPDATED_BY	Last updated by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_LOGIN	Last update login identifier	INTEGER	OUT	N/A

## UPDATE\_JOURNAL\_ENTRY\_HEADER

The UPDATE\_JOURNAL\_ENTRY\_HEADER API, described in the table below, modifies an existing manual subledger journal entry header. The following conditions must be valid before the journal entry can be updated:

- The journal entry is not Final.
- The P\_JE\_CATEGORY\_NAME must be valid.

- The P\_GL\_DATE must belong to a valid accounting period.

Any error found is reported in the message list, which can be retrieved from the message list utility function.

If the status of the journal entry is draft, the draft balance calculation is undone and the draft journal entries created for reporting currencies is deleted.

Once the journal entry is updated, the status is updated to Complete.

The input parameters P\_APPLICATION\_ID and P\_AE\_HEADER\_ID uniquely identify the journal entry to be updated. Other than the two parameters, all other input parameters are updated with the new values provided to the API.

UPDATE_JOURNAL_ENTRY_HEADER				
Parameter	Description	Data Type	Type	Default
P_API_VERSION	Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number The current version of the API is 1.0	NUMBER	IN	Yes
P_INIT_MSG_LIST	Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf  This parameter accepts the following values: FND_API_G_FALSE FND_API_G_FALSE_TRUE	VARCHAR2	IN	Yes

X_RETURN_STATUS	Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values: FND_API.G_RET_STS_SUCCESS FND_API.G_RET_STS_ERROR FND_API.G_RET_STS_UNEXPECTED_ERROR	VARCHAR2	OUT	N/A
X_MSG_COUNT	Standard business object API parameter The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.	NUMBER	OUT	N/A
X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier; must be a valid application that is registered with the Financials Accounting Hub application	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier	INTEGER	IN	Yes

P_LEGAL_ENTITY_ID	Legal entity identifier Default is No.	INTEGER	IN	No
P_GL_DATE	GL date	DATE	IN	Yes
P_DESCRIPTION	Description	VARCHAR2	IN	Yes
P_JE_CATEGORY_NAME	Journal category name	VARCHAR2	IN	Yes
P_BUDGET_VERSION_ID	Balance type; required if it is a budget entry	INTEGER	IN	No
P_ENCUMBRANCE_TYPE_ID	Encumbrance type; required if it is an encumbrance entry	INTEGER	IN	No
P_REFERENCE_DATE	Reference date	DATE	IN	No
P_ATTRIBUTE_CATEGORY	Attribute category	VARCHAR2	IN	No
P_ATTRIBUTE1	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE2	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE3	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE4	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE5	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE6	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE7	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE8	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE9	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE10	Attribute column	VARCHAR2	IN	No

P_ATTRIBUTE11	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE12	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE13	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE14	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE15	Attribute column	VARCHAR2	IN	No
P_MSG_MODE	Mode of raising exception; must be one of the following: S – standard mode: The exception is added to the message list and can be retrieved using the message list utility function. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes
X_PERIOD_NAME	Period name derived from accounting date	VARCHAR2	OUT	N/A
X_LAST_UPDATE_DATE	Last update date	DATE	OUT	N/A
X_LAST_UPDATED_BY	Last updated by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_LOGIN	Last update login identifier	INTEGER	OUT	N/A

## **DELETE\_JOURNAL\_ENTRY**

The DELETE\_JOURNAL\_ENTRY API, described in the table below, deletes all information of a subledger journal entry including journal entry header and journal entry line. The subledger journal entry must not have been transferred or posted to General Ledger.

The input parameters P\_APPLICATION\_ID and P\_AE\_HEADER\_ID uniquely identify the journal entry to be deleted.

When deleting a journal entry of status Final, the P\_MODE must be F.

To delete any of the Events in the system, the event must not be in the Processed status, that is Status P. For a Final Accounted Event, the event is in the Processed Status. Therefore, the API would error out with the error message: The events to be deleted must be in status I, N or U. You cannot not use the Delete\_Bulk\_Events API to delete journal entries that are in the Final Status. Instead, use the Undo Accounting API's. Once the Undo process completes for the Final Accounting, then use the Delete\_Bulk\_Events.

DELETE\_JOURNAL\_ENTRY

Parameter	Description	Data Type	Type	Default
P_API_VERSION	Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number The current version of the API is 1.0	NUMBER	IN	Yes
P_INIT_MSG_LIST	Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf  This parameter accepts the following values: FND_API_G_FALSE FND_API_G_FALSE_TRUE	VARCHAR2	IN	Yes

X_RETURN_STATUS	Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values: FND_API.G_RET_STS_SUCCESS FND_API.G_RET_STS_ERROR FND_API.G_RET_STS_UNEXPECTED_ERROR	VARCHAR2	OUT	N/A
X_MSG_COUNT	Standard business object API parameter The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.	NUMBER	OUT	N/A
X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier	INTEGER	IN	Yes

P_MODE	Deletion mode; must be one of the following values: N – Normal mode (default) F – Force mode; deletes all entries that are not posted	VARCHAR2	IN	Yes
P_MSG_MODE	Mode of raising exception; must be one of the following: S – standard mode: The exception is added to the message list and can be retrieved using the message list utility function. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes

## CREATE\_JOURNAL\_ENTRY\_LINE

The CREATE\_JOURNAL\_ENTRY\_LINE API, described in the table below, creates a journal entry line for a subledger journal entry. The following conditions must be valid before the journal entry lines can be created for a journal entry:

- The P\_APPLICATION\_ID and P\_AE\_HEADER\_ID must be valid.
- The journal entry is not Final.
- The P\_DISPLAY\_LINE\_NUMBER must be unique for the journal entry.
- The P\_CODE\_COMBINATION\_ID must be valid.

Any error found is reported in the message list, which can be retrieved from the message list utility function.

The input parameters P\_APPLICATION\_ID and P\_AE\_HEADER\_ID uniquely identify the journal entry for which the journal entry line is created.

If the status of the journal entry is Draft, the draft balance calculation is undone and the draft journal entry created for reporting currency entries are deleted.

Once the journal entry line is created, the journal entry status is updated to Incomplete.

Once the journal entry line is created, the parameters P\_APPLICATION\_ID, P\_AE\_HEADER\_ID, and X\_AE\_LINE\_NUM represent the unique identifier of the journal entry line created. It is used in other APIs to uniquely identify the journal entry line.

CREATE\_JOURNAL\_ENTRY\_LINE

Parameter	Description	Data Type	Type	Default
P_API_VERSION	Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number The current version of the API is 1.0	NUMBER	IN	Yes
P_INIT_MSG_LIST	Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf  This parameter accepts the following values: FND_API_G_FALSE FND_API_G_FALSE_TRUE	VARCHAR2	IN	Yes
X_RETURN_STATUS	Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values: FND_API.G_RET_STS_SU CESS FND_API.G_RET_STS_ER ROR FND_API.G_RET_STS_UN EXP_ERROR	VARCHAR2	OUT	N/A

X_MSG_COUNT	Standard business object API parameter The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.	NUMBER	OUT	N/A
X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier	INTEGER	IN	Yes
P_DISPLAYED_LINE_NUMBER	Displayed line number generated by the user	INTEGER	IN	Yes
P_CODE_COMBINATION_ID	Accounting code combination identifier	INTEGER	IN	Yes
P_GL_TRANSFER_MODE	Must be one of the following values: D – Details S – Summary	VARCHAR2	IN	Yes
P_ACCOUNTING_CLASS_CODE	Accounting class code	VARCHAR2	IN	Yes

P_ENTERED_DR	Debit amount in transaction currency. Either X_ENTERED_DR or X_ENTERED_CR must be entered.	NUMBER	IN	No
P_ENTERED_CR	Credit amount in transaction currency. Either X_ENTERED_DR or X_ENTERED_CR must be entered.	NUMBER	IN	No
P_CURRENCY_CODE	Entered transaction currency. If the entered currency is different from the ledger currency, either accounted credit/debit or currency conversion information must be provided.	VARCHAR2	IN	No
P_ACCOUNTED_DR	Debit amount in ledger currency	NUMBER	IN	No
P_ACCOUNTED_CR	Credit amount in ledger currency	NUMBER	IN	No
P_CONVERSION_TYPE	Conversion rate type for the foreign currency journal entry line	VARCHAR2	IN	No
P_CONVERSION_DATE	Date currency conversion rate is effective	DATE	IN	No
P_CONVERSION_RATE	Conversion rate for foreign currency; required if the conversion type is User	NUMBER	IN	No

P_PARTY_TYPE_CODE	Required if the natural account segment value of the Accounting Flexfield is defined as a control account. It must be one of the following values: C – Customer S – Supplier	VARCHAR2	IN	No
P_PARTY_ID	Third party for the journal entry line; required if PARTY_TYPE_CODE is entered; otherwise, this field is ignored.	NUMBER	IN	No
P_PARTY_SITE_ID	Third party site for the journal entry line. This is an optional field, and the value is used only if PARTY_ID is not null.	NUMBER	IN	No
P_DESCRIPTION	Journal entry line description	VARCHAR2	IN	No
P_STATISTICAL_AMOUNT	Statistical amount	NUMBER	IN	No
P_JGZZ_RECON_FEF	Reconciliation reference to be imported into GL	VARCHAR2	IN	No
P_ATTRIBUTE_CATEGORY	Attribute category	VARCHAR2	IN	No
P_ATTRIBUTE1	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE2	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE3	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE4	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE5	Attribute column	VARCHAR2	IN	No

P_ATTRIBUTE6	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE7	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE8	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE9	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE10	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE11	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE12	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE13	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE14	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE15	Attribute column	VARCHAR2	IN	No
P_MSG_MODE	Mode of raising exception; must be one of the following: S – standard mode: The exception is added to the message list and can be retrieved using the message list utility function. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes
X_AE_LINE_NUM	Line number identifier	INTEGER	OUT	N/A
X_CREATION_DATE	Creation date	DATE	OUT	N/A
X_CREATED_BY	Created by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_DATE	Last update date	DATE	OUT	N/A

X_LAST_UPDATED_BY	Last updated by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_LOGIN	Last update login identifier	INTEGER	OUT	N/A

## UPDATE\_JOURNAL\_ENTRY\_LINE

The UPDATE\_JOURNAL\_ENTRY\_LINE API, described in the table below, updates an existing journal entry line. The following conditions must be valid before the journal entry line can be created for the journal entry:

- The P\_APPLICATION\_ID, P\_AE\_HEADER\_ID, and P\_AE\_LINE\_NUM must be valid.
- The journal entry is not Final.
- The P\_DISPLAY\_LINE\_NUMBER must be unique for the journal entry.
- The P\_CODE\_COMBINATION\_ID must be valid.

Any error found is reported in the message list, which can be retrieved from the message list utility function.

The input parameters P\_APPLICATION\_ID, P\_AE\_HEADER\_ID, and P\_AE\_LINE\_NUM uniquely identify the journal entry line to be updated. Other than these three parameters, all other input parameters are updated with the new values provided by the API.

If the status of the journal entry is Draft, the draft balance calculation is undone and the draft journal entry created for reporting currency entries are deleted.

UPDATE\_JOURNAL\_ENTRY\_LINE

Parameter	Description	Date Type	Type	Default
P_API_VERSION	Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number The current version of the API is 1.0	NUMBER	IN	Yes

P_INIT_MSG_LIST	<p>Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf</p> <p>This parameter accepts the following values:</p> <ul style="list-style-type: none"> <li>FND_API_G_FALSE</li> <li>FND_API_G_FALSE_TRUE</li> </ul>	VARCHAR2	IN	Yes
X_RETURN_STATUS	<p>Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values:</p> <ul style="list-style-type: none"> <li>FND_API.G_RET_STS_SU CESS</li> <li>FND_API.G_RET_STS_ER ROR</li> <li>FND_API.G_RET_STS_UN EXP_ERROR</li> </ul>	VARCHAR2	OUT	N/A
X_MSG_COUNT	<p>Standard business object API parameter</p> <p>The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.</p>	NUMBER	OUT	N/A

X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier	INTEGER	IN	Yes
P_AE_LINE_NUM	Journal entry line number	INTEGER	IN	Yes
P_DISPLAYED_LINE_NUMBER	Displayed line number used by the user	INTEGER	IN	Yes
P_CODE_COMBINATION_ID	Accounting code combination identifier	INTEGER	IN	Yes
P_GL_TRANSFER_MODE	Must be one of the following values: D – Details S – Summary	VARCHAR2	IN	Yes
P_ACCOUNTING_CLASS_CODE	Accounting class code	VARCHAR2	IN	Yes
P_ENTERED_DR	Debit amount in transaction currency. Either X_ENTERED_DR or X_ENTERED_CR must be entered.	NUMBER	IN	No
P_ENTERED_CR	Credit amount in transaction currency. Either X_ENTERED_DR or X_ENTERED_CR must be entered.	NUMBER	IN	No

P_CURRENCY_CODE	Entered currency of the transaction. If the entered currency is different from the ledger currency, either accounted credit/debit or currency conversion information must be provided.	VARCHAR2	IN	No
P_ACCOUNTED_DR	Debit amount in ledger currency	NUMBER	IN/OUT	
P_ACCOUNTED_CR	Credit amount in ledger currency	NUMBER	IN/OUT	
P_CONVERSION_TYPE	Exchange rate type for foreign currency journal entry line	VARCHAR2	IN	No
P_CONVERSION_DATE	Date currency conversion rate is effective	DATE	IN	No
P_CONVERSION_RATE	Exchange rate for foreign currency; required if the conversion type is User	NUMBER	IN	No
P_PARTY_TYPE_CODE	Required if the natural account segment value of the Accounting Flexfield is defined as a control account. It must be one of the following values: C – Customer S – Supplier	VARCHAR2	IN	No
P_PARTY_ID	Third party for the journal entry line; required if PARTY_TYPE_CODE is entered. Otherwise, this field is ignored.	NUMBER	IN	No

P_PARTY_SITE_ID	Third party site for the journal entry line. This is an optional field, and the value is used only if PARTY_ID is not null.	NUMBER	IN	No
P_DESCRIPTION	Journal entry line description	VARCHAR2	IN	No
P_STATISTICAL_AMOUNT	Statistical amount	NUMBER	IN	No
P_JGZZ_RECON_FEF	Reconciliation reference to be imported into GL	VARCHAR2	IN	No
P_ATTRIBUTE_CATEGORY	Attribute category	VARCHAR2	IN	No
P_ATTRIBUTE1	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE2	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE3	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE4	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE5	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE6	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE7	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE8	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE9	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE10	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE11	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE12	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE13	Attribute column	VARCHAR2	IN	No

P_ATTRIBUTE14	Attribute column	VARCHAR2	IN	No
P_ATTRIBUTE15	Attribute column	VARCHAR2	IN	No
P_MSG_MODE	The mode of raising exception; must be one of the following: S – standard mode: The exception is added to the message list and can be retrieved using the message list utility function. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes
X_LAST_UPDATE_DATE	Last update date	DATE	OUT	N/A
X_LAST_UPDATED_BY	Last updated by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_LOGIN	Last update login identifier	INTEGER	OUT	N/A
X_RETCODE	Returns the status of the function, which is one of the following: 0 – completed successfully 1 – validation error found	INTEGER	OUT	N/A

## **DELETE\_JOURNAL\_ENTRY\_LINE**

The DELETE\_JOURNAL\_ENTRY\_LINE API, described in the table below, deletes a subledger journal entry line. The following conditions must be valid before the journal entry line can be deleted for the journal entry:

- The P\_APPLICATION\_ID, P\_AE\_HEADER\_ID, and P\_AE\_LINE\_NUM must be valid.
- The journal entry is not Final.

Any error found is reported in the message list, which can be retrieved from the message list utility function.

The input parameters P\_APPLICATION\_ID, P\_AE\_HEADER\_ID, and P\_AE\_LINE\_NUM uniquely identify the journal entry line to be deleted.

Once the journal entry line is deleted, the journal entry status is updated to Incomplete.

#### DELETE\_JOURNAL\_ENTRY\_LINE

Parameter	Description	Date Type	Type	Default
P_API_VERSION	Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number The current version of the API is 1.0	NUMBER	IN	Yes
P_INIT_MSG_LIST	Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf  This parameter accepts the following values: FND_API_G_FALSE FND_API_G_FALSE_TRUE	VARCHAR2	IN	Yes

X_RETURN_STATUS	Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values: FND_API.G_RET_STS_SUCCESS FND_API.G_RET_STS_ERROR FND_API.G_RET_STS_UNEXPECTED_ERROR	VARCHAR2	OUT	N/A
X_MSG_COUNT	Standard business object API parameter The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.	NUMBER	OUT	N/A
X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier for which the journal entry line is deleted	INTEGER	IN	Yes

P_AE_LINE_NUM	Journal entry line number for which the journal entry line is deleted	INTEGER	IN	Yes
P_MSG_MODE	Mode of raising exception; must be one of the following: S – standard mode: The exception is raised immediately. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes

## COMPLETE\_JOURNAL\_ENTRY

The COMPLETE\_JOURNAL\_ENTRY API, described in the table below, completes a subledger journal entry. The following conditions must be valid before the journal entry can be completed:

- The P\_APPLICATION\_ID and P\_AE\_HEADER\_ID must be valid.
- The journal entry is not Final.

Any error found is reported in the message list, which can be retrieved from the message list utility function.

The input parameters P\_APPLICATION\_ID and P\_AE\_HEADER\_ID uniquely identify the journal entry line to be deleted.

When completing the journal entry, validations are performed to ensure the journal entry is valid. If any validation error is found, the X\_COMPLETION\_STATUS returns X and the validation error can be found in the XLA\_ACCOUNTING\_ERRORS table.

If you want to read any errors from the XLA\_ACCOUNTING\_ERRORS that have been reported by xla\_journal\_entries\_pub\_pkg.complete\_journal\_entry API, then include the code, xla\_datafixes\_pub.g\_msg\_mode := X, before calling the API.

**Note:** You have to do an explicit ROLLBACK from the code that calls this API as setting this package variable prevents ROLLBACK.

Parameter	Description	Date Type	Type	Default
P_API_VERSION	<p>Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number</p> <p>The current version of the API is 1.0</p>	NUMBER	IN	Yes
P_INIT_MSG_LIST	<p>Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf</p> <p>This parameter accepts the following values:</p> <ul style="list-style-type: none"> <li>FND_API_G_FALSE</li> <li>FND_API_G_FALSE_TRUE</li> </ul>	VARCHAR2	IN	Yes
X_RETURN_STATUS	<p>Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values:</p> <ul style="list-style-type: none"> <li>FND_API.G_RET_STS_SU CESS</li> <li>FND_API.G_RET_STS_ER ROR</li> <li>FND_API.G_RET_STS_UN EXP_ERROR</li> </ul>	VARCHAR2	OUT	N/A

X_MSG_COUNT	Standard business object API parameter The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.	NUMBER	OUT	N/A
X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier	INTEGER	IN	Yes
P_COMPLETION_OPTION	The action to be performed to the journal entry; available options are as follows: D – complete draft accounting F – complete final accounting T – complete and transfer final accounting P – complete, transfer, and post final accounting	VARCHAR2	IN	Yes

P_MSG_MODE	The mode of raising exception; must be one of the following: S – standard mode: The exception is added to the message list and can be retrieved using the message list utility function. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes
X_AE_STATUS_CODE	Result journal entry status code	VARCHAR2	OUT	N/A
X_FUNDS_STATUS_CODE	Funds status code	VARCHAR2	OUT	N/A
X_COMPLETION_SEQ_VALUE	Completion sequence value	VARCHAR2	OUT	N/A
X_COMPLETION_SEQ_VERSION_ID	Completion sequence version id	INTEGER	OUT	N/A
X_COMPLETED_DATE	Completion date	DATE	OUT	N/A
X_GL_TRANSFER_STATUS_CODE	GL transfer status code	VARCHAR2	OUT	N/A
X_LAST_UPDATE_DATE	Last update date	DATE	OUT	N/A
X_LAST_UPDATED_BY	Last updated by identifier	INTEGER	OUT	N/A
X_LAST_UPDATE_LOGIN	Last update login identifier	INTEGER	OUT	N/A
X_TRANSFER_REQUEST_ID	Request identifier of the GL transfer request	INTEGER	OUT	N/A

X_RETCode	Returns the status of the function, which is one of the following: C – completed successfully S – completed successfully and funds checker has reserved funds successfully A – completed successfully and funds checker has reserved funds with an Advisory status X – validation error is found and the journal entry cannot be completed F – funds reserve failed	VARCHAR2	OUT	N/A
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## REVERSE\_JOURNAL\_ENTRY

The REVERSE\_JOURNAL\_ENTRY API, described in the table below, reverses a subledger journal entry. The following conditions must be valid before the journal entry can be reversed.

- The P\_APPLICATION\_ID and P\_AE\_HEADER\_ID must be valid.
- The journal entry must be Final.
- The P\_REVERSAL\_METHOD must be valid.
- The P\_COMPLETION\_OPTION must be valid.
- The P\_GL\_DATE must belong to a valid accounting period.

Any error found is reported in the message list which can be retrieved from the message list utility function.

The input parameters P\_APPLICATION\_ID and P\_AE\_HEADER\_ID uniquely identify the journal entry line to be deleted.

When completing the journal entry, validations are performed to ensure the reversal journal entry is valid. If any validation error is found, the X\_COMPLETION\_STATUS returns X and the validation error can be found in the XLA\_ACCOUNTING\_ERRORS table.

REVERSE_JOURNAL_ENTRY				
Parameter	Description	Date Type	Type	Default
P_API_VERSION	<p>Standard business object API parameter; used by API to compare the version number of incoming calls to its current version number</p> <p>The current version of the API is 1.0</p>	NUMBER	IN	Yes
P_INIT_MSG_LIST	<p>Standard business object API parameter; allows the API callers to request that the API does the initialization of the message list on their behalf</p> <p>This parameter accepts the following values:</p> <ul style="list-style-type: none"> <li>FND_API_G_FALSE</li> <li>FND_API_G_FALSE_TRUE</li> </ul>	VARCHAR2	IN	Yes
X_RETURN_STATUS	<p>Standard business object API parameter; represents the result of all the operations performed by the API and it has one of the following values:</p> <ul style="list-style-type: none"> <li>FND_API.G_RET_STS_SUCCCESS</li> <li>FND_API.G_RET_STS_ERROR</li> <li>FND_API.G_RET_STS_UNEXPECTED_ERROR</li> </ul>	VARCHAR2	OUT	N/A

X_MSG_COUNT	Standard business object API parameter The APIs can generate none, one, or multiple messages and callers can call the API message list utility functions and procedures to retrieve those messages; holds the number of messages in the API message list.	NUMBER	OUT	N/A
X_MSG_DATA	Standard business object API parameter If the message count is one, this parameter holds the message in an encoded format.	VARCHAR2	OUT	N/A
P_APPLICATION_ID	Application identifier	INTEGER	IN	Yes
P_AE_HEADER_ID	Journal entry header identifier	INTEGER	IN	Yes
P_REVERSAL_METHOD	The reversal method; must be one of the following: SIGN – Change sign SIDE – Switch DR/CR	VARCHAR2	IN	Yes
P_GL_DATE	The GL date for the reversal journal entry	DATE	IN	Yes

P_COMPLETION_OPTION	The action to be performed for the journal entry; available options are as follows: S – save as incomplete D – complete draft accounting F – complete final accounting T – complete and transfer final accounting P – complete, transfer, and post final accounting	VARCHAR2	IN	Yes
P_MSG_MODE	Mode of raising exception; must be one of the following: S – standard mode: The exception is raised immediately. O – OAF mode: The exception is added to the OA exception list and raised by calling raiseError() from the client side.	VARCHAR2	IN	Yes
X_REV_HEADER_ID	Journal entry identifier created for the reversal entry	INTEGER	OUT	N/A
X_REV_EVENT_ID	Event identifier created for the reversal entry	INTEGER	OUT	N/A

X_COMPLETION_RETCODE	Returns the completion status of the function, which is one of the following: C – completed successfully S – completed successfully and funds checker has reversed funds successfully A – completed successfully and funds checker has reversed funds with an Advisory status X – validation error is found and the journal entry cannot be completed F – funds reserve failed	VARCHAR2	OUT	N/A
P_TRANSFER_REQUEST_ID	Request identifier of the GL transfer request	INTEGER	OUT	N/A