

Oracle® Order Capture

Implementation Guide

Release 11*i*

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ORACLE®

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Oracle Order Capture Implementation Guide, Release 11i

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If you would like a reply, please give your name, address, telephone number, and (optionally) electronic mail address.

If you have problems with the software, please contact your local Oracle Support Services.

Preface

The *Oracle Order Capture Implementation Guide* provides information and instructions to help you successfully implement Order Capture.

Intended Audience

This manual is intended for IT professionals tasked with implementing Order Capture.

Related Documents and Training

You may also wish to consult the following documentation, available at <http://metalink.oracle.com>, for more information on setting up Order Capture and its dependencies:

- *Oracle Order Capture Concepts and Procedures, Release 11i*
- *Oracle Applications, Product Update Notes, Release 11i*
- *Installing Oracle Applications*
- *Oracle Applications User's Guide*
- *Oracle Applications System Administrator's Guide*
- *Oracle CRM Foundation Components Concepts and Procedures Manual*
- *Oracle CRM Foundation Technical Reference Manual*
- *Implementing Oracle CRM: ERP Functional Checklist*
- *Oracle Order Management Suite APIs and Open Interfaces Manual, Release 11i*
- *Oracle Receivables User's Guide*

- *Oracle Pricing User's Guide*
- *Oracle Bill of Materials User's Guide*
- *Oracle General Ledger User's Guide*
- *Oracle Inventory User's Guide*
- *Oracle Order Management User's Guide*
- *Oracle Configurator Installation Guide*
- *Oracle Reports Developer Getting Started*
- *Oracle Service Implementation Guide*

The following course is available through Oracle University:

- 11i Implement and Administer Order Capture (Course Code: D11056GC11)

Typographic Conventions

The following typographic conventions are used in this manual:

Convention	Meaning
<i>italic text</i>	Book titles
Courier Text	User commands and file content examples.
UPPERCASE TEXT	Structured Query Language (SQL) commands, initialization parameters, profile options, responsibilities, and environment variables.
boldface text	Menu, button, keyboard, and form option. Emphasized words or phrases.
< >	Angle brackets enclose user-supplied names. Note: Do not type the angle brackets.

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Implementing Oracle Order Capture 11i

This document provides general descriptions of the set up and configuration tasks required to successfully implement Oracle Order Capture. Topics include:

- [Dependencies](#)
- [Optional Integrations](#)
- [Setting Up Oracle Order Capture](#)
- [Setting Up Quote Status and Quote Status Transitions](#)
- [Setting Up Lookup Types](#)
- [Setting System Profile Options](#)
- [Defining Descriptive Flexfield Information](#)
- [Setting Up the Print Quote Functionality](#)
- [Workflows in Oracle Order Capture](#)
- [Working with Oracle Order Capture](#)

1.1 Dependencies

Oracle Order Capture requires that the following applications be installed and implemented:

- **Oracle Receivables** – Order Capture obtains tax information and customer account information from Oracle Receivables. Refer to the *Oracle Receivables User's Guide* for complete setup information.
- **Oracle Advanced Pricing** – Order Capture uses Advanced Pricing to set up price lists, discounts, adjustments, and promotions. Refer to the *Oracle Pricing User's Guide* for complete setup information.

- **Oracle Bill of Materials** – Order Capture uses Bill of Materials to access information about the components associated with a product. Refer to the *Bill of Materials User's Guide Release 11i* for complete setup information.
- **Oracle General Ledger** – Order Capture uses General Ledger to set up ledgers and books, and store exchange rates. Refer to the *Oracle General Ledger User's Guide* for complete setup information.
- **Oracle Inventory** – Order Capture accesses the Availability to Promise (ATP) and reservation functions, and all item information from Inventory. Refer to the *Oracle Inventory User's Guide* for complete setup information.
- **Oracle Order Management** – Order Capture uses Order Management to create orders out of quotes. You must set up the default Item Validation Organization for your operating unit in Order Management. This can be done by logging on to the Order Management application: Setup > Parameter menu. Refer to the *Oracle Order Management User's Guide* for complete setup information.

1.2 Optional Integrations

- **Oracle Configurator** – Order Capture uses Configurator to configure model items. Refer to the *Oracle Configurator Installation Guide* for complete setup information.
- **Oracle iPayment** – Order Capture calls iPayment for credit card authorizations. Refer to the *Oracle iPayment Implementation Guide* for complete setup information.
- **Oracle Reports** – Order Capture calls Reports for printing functionality. Refer to *Oracle Reports Developer Getting Started* manual for complete setup information.
- **Oracle Service Contracts** – Order Capture calls Oracle Service Contracts to access contract details for service items. Refer to the *Oracle Contracts Core Concepts and Procedures* manual for complete setup information.
- **Oracle Service Installed Base** – Order Capture accesses Service Installed Base for a list of all serviceable products and installation details. See *Implementing Installed Base* in the *Oracle Service Implementation Guide* for complete setup information.

1.3 Setting Up Oracle Order Capture

The following steps are required to set up Order Capture:

Steps

1. [Setting Up Quote Status and Quote Status Transitions](#) in the Quote Status Setup window
2. [Setting Up Lookup Types](#) in the Quick Codes window
3. [Setting System Profile Options](#) in the System Profile Options window

Guidelines

Mandatory profile options are marked with an asterisk on the Oracle Order Capture Profile Option tables.

1.3.1 Setting Up Quote Status and Quote Status Transitions

Use this procedure to perform the following tasks:

- Add new quote statuses
- Set up quote versioning
- Enable or disable existing quote statuses
- Set up the allowable status changes, or transitions, for each status

The status of a quote indicates its progress from the initial offer until the order is placed. As you work on a quote, you indicate its progress by changing the status. Quote status tells others in your group how negotiations with the customer are progressing. Depending on how your administrator has defined your quote statuses, it can also determine what kind of changes you and anyone else working with you can make to the quote.

The default quote statuses are automatically set when the product is installed. Your system administrator may change these statuses based on business needs.

Oracle Order Capture is delivered with predefined quote statuses. You can define new quote statuses or modify the pre-defined statuses based on business needs. Users need Quote Statuses to create quotes. See the online help for an explanation of Quote Status.

Note: You cannot change or remove the statuses Drafted, Entered, or Ordered due to programmatic references.

Prerequisites

To perform these tasks, you must be logged in under the Order Capture Sales Manager responsibility.

Steps

1. Navigate to the Quote Status Setup window.
2. If you want to add a new quote status, then:
 - a. In the Quote Statuses region, select a blank entry line or a line below which you wish to insert the new entry.
 - b. Enter the status code. This is the internal name and is not to be seen by the user.
 - c. Enter the status name and status description. These are displayed in the list of values for users.
 - d. If you want the new status to create a version when the user updates and saves a quote, then check the **Auto Versioning** check box.
 - e. If you wish to enable a user to make changes to the quote, to add new quote lines or to modify prices, for instance, then check the **Update Allowed** check box.
 - f. If you wish to set time limits when this new status is available, then enter dates in the Effective From and Effective To fields.
 - g. Click **Save** on the toolbar.
3. If you wish to set up the rules that determine the permitted status transitions for a particular status, then:
 - a. In the Quote Statuses region, select the status you wish to set up.
 - b. In the Allowed Transition to Status region, use the Code LOV to select an allowable transition status. You can allow the status in the Quote Statuses region to transition to more than one status.
 - c. Repeat the previous step for each permitted transition status.
 - d. If you wish to disable an existing status, then uncheck the **Enabled** box.
 - e. Click **Save** on the toolbar.

1.3.2 Setting Up Lookup Types

Use the following list to identify the lookup types (Quick Codes) that you need to define for your specific implementation. You can enter them in any order.

Steps

1. Log on to Oracle Forms.
2. Choose the Oracle Order Capture Sales Manager responsibility.
3. Choose Quick Codes and click the **Open** button.
The Oracle Order Capture Lookups window opens.
4. Choose **View > Query by Example > Run**.
The window will display all Order Capture lookup types. Use the down arrow key to scroll through them.

To set lookup types, use the standard procedure outlined in the *Oracle Applications Users Guide*.

The following tables show a list of the various lookup types, and their definitions, used in the implementation of Order Capture.

Table 1–1 Oracle Order Capture Lookup Types

Lookup Type	Description
ASO_DEFAULT_ORDER_STATE	The default state of an order when the quote is passed to Oracle Order Management. The seeded values are Entered and Booked. Each triggers different Oracle Order Management validation.
ASO_EXT_VALUE_TYPE	Data type of value for order line attribute. This lookup is used by an Order Capture API for validation of VALUE_TYPE in ASO_QUOTE_LINE_ATTRIBS_EXT.
ASO_FUNCTIONALITY_CODE	Functionality code to be used in User Hooks. Not used - reserved for future use.
ASO_HEADER_RELATIONSHIP_TYPE	Type of header relationships between quote headers. There is one seeded value: Copy. This lookup is used by an Order Capture API for validation of RELATIONSHIP_TYPE in ASO_QUOTE_HEADER_RELATIONSHIPS.

Table 1–1 Oracle Order Capture Lookup Types

Lookup Type	Description
ASO_ITEM_TYPE	Item types for items which are added to the cart.
ASO_LINE_ATTRIBUTE_STATUS	Status of an order line attribute. This lookup is used by an Order Capture API for validation of STATUS in ASO_QUOTE_LINE_ATTRIBS_EXT.
ASO_LINE_ATTRIBUTE_TYPE	Type of order line attribute. This lookup is used by an Order Capture API for validation of ATTRIBUTE_TYPE_CODE in ASO_QUOTE_LINE_ATTRIBS_EXT.
ASO_LINE_RELATIONSHIP_TYPE	Type of line relationship. This lookup is used by an Order Capture API for validation of RELATIONSHIP_TYPE in ASO_QUOTE_LINE_RELATIONSHIPS.
ASO_OBJECT_RELATIONSHIP_TYPE	Type of object relationship. This lookup is used by an Order Capture API for validation of RELATIONSHIP_TYPE_CODE in ASO_QUOTE_RELATED_OBJECTS.
ASO_ORDER_FEEDBACK_CRM_APPS	CRM applications registered for order feedback. All applications listed here are informed of any changes to an order in Oracle Order Management.
ASO_PARTY_OBJECT_TYPE	Type of Party object (e.g. Contact Points) related to the Quote object. This lookup is used by an Order Capture API for validation of PARTY_OBJECT_TYPE in ASO_QUOTE_PARTY.
ASO_PARTY_TYPE	Type of party (Quote_to, Deliver To). This lookup is used by an Order Capture API for validation of PARTY_TYPE in ASO_QUOTE_PARTY.
ASO_PAYMENT_OPTION	Payment options available to users. Not used - reserved for future use.
ASO_PAYMENT_TYPE	Payment types available to users.
ASO_QUOTE_LINE_ATTRIBS_EXT	Name of an order line attribute. This lookup is used by an Order Capture API for validation of NAME in ASO_QUOTE_LINE_ATTRIBS_EXT.

Table 1–1 Oracle Order Capture Lookup Types

Lookup Type	Description
ASO_QUOTE_OBJECT_TYPE	Type of object (quote header identifier). This lookup is used by an Order Capture API for validation of QUOTE_OBJECT_TYPE_CODE in ASO_QUOTE_OBJECT_RELATIONSHIPS.
ASO_QUOTE_PARTIES	Seeded lookup data required for migration in Sales.
ASO_QUOTE_RELATED_OBJECTS	Seeded lookup data required for data migration in Sales.
ASO_QUOTE_SOURCE	The source of the quote.
ASO_RELATED_OBJECT_TYPE	Type of object (Contracts, Opportunity, Order) related to the quote. This lookup is used to validate OBJECT_TYPE_CODE in ASO_QUOTE_RELATED_OBJECTS.
ASO_RESERVATION_TYPE	Lookup values for Profile Option to decide at what level Reservation needs to be done.
ASO_SERVICE_TYPE	Service reference type code. A service must always be linked to an item or an item in the customer installed base. This list of values specifies where the item is. Seeded values include: Quote, Order, and Customer Product.

Table 1–2 Obsolete Order Capture Lookup Types

Lookup Type	Description
ASO_CONTACT_PROFILE_TYPE	Profile type of a customer contact.
ASO_ORDER_LINE_STATUSES	Status of an order line.
ASO_ORDER_STATUSES	Order status.
ASO_PARTY_RELATIONSHIP_TYPE	Type of party relationship.
ASO_RETURN_FOR	Reasons for returns.
ASO_UNIVERSAL_SEARCH	Types of universal search.

1.3.3 Setting System Profile Options

Use the following list to identify the profile options that you need to set for your specific implementation. You can set these profile options in any order you like.

Prerequisites

To perform this task, you must be logged in under the System Administrator responsibility.

Steps

1. Log on to Oracle Forms.
2. Choose the System Administrator responsibility.
3. Navigate to **Profile > System**.

The Find System Profile Values window opens.

4. Make sure the **Site** box is checked.
5. Enter ASO% in the **Profile Name** field.
6. Click the **Find** button.

The System Profile Values window opens, displaying all existing Order Capture Profile Options.

To change profile options, use the standard procedure outlined in the *Oracle Applications Users Guide*.

Note: Profile Options marked with an asterisk (*) are mandatory. Profile Options marked with a double asterisk (**) are conditionally mandatory.

The following tables list descriptions and default values for each of the Order Capture profile options.

Table 1–3 ASO Profile Options for Configurator Integration

Profile Option	Description	Default Value
**ASO: Configurator URL	<p>This profile specifies the URL for the Configurator window.</p> <p>This profile is mandatory if Oracle Configurator is used for product configurations.</p> <p>If this profile value is null, then no default value is assumed.</p>	N/A

Table 1–4 ASO Profile Options for Item ATP Integration

Profile Name	Description	Default Value
ASO: ATP Default Customer ID	<p>These profiles are set to a cust_account_id and cust_account_site_use_id (where site_use = Ship_To) values respectively. They are used to determine the sourcing rules, when no ship-to site exists for the quote. These profiles must be used in conjunction with each other.</p>	N/A
ASO: ATP Default Ship To Site ID	<p>If ATP is performed before selecting a ship-to site, these default values are used. If a ship-to site is elected, then the cust_account_site_use_id will be used for the ATP check, only if the selected site is known to MRP. If MRP is not aware of the selected ship-to site, then the cust_account_id and the cust_account_site_use_id specified in these profiles will be used. Note: Even if MRP is aware of the customer and ship-to site, but there is no sourcing rule for the combination of customer and ship-to site, then a Global Sourcing Rule or a sourcing rule at the Item level must exist for ATP to work.</p> <p>A value for these profiles is mandatory when ASO: ATP Use Sourcing Rule is set to Yes.</p> <p>If these profile values are null, then no default values are assumed.</p>	

Table 1–4 ASO Profile Options for Item ATP Integration

Profile Name	Description	Default Value
ASO: ATP Use Sourcing Rule	<p>This profile is used to determine if sourcing rules are used to derive the inventory organizations on which ATP needs to be done.</p> <p>Sourcing rules are defined in MRP. Please refer to the <i>Oracle Master Scheduling/MRP and Oracle Supply Chain Planning User Guide Release 11i</i>.</p> <p>If this profile is set to Yes, ATP will be calculated based on sourcing rules.</p> <p>If this profile is set to No, the sourcing rules will not be used and the ATP check will be restricted to the inventory Organization specified in the profile ASO: Default Ship From Org.</p> <p>If this profile value is null, then the default value NO is assumed.</p>	No
ASO: Automatic ATP Check	<p>Determines whether ATP check is performed automatically for an item in the Item View tab.</p> <p>If this profile is set to Yes, an ATP check is performed automatically when an item is added to the quote.</p> <p>If this profile is set to No, the ATP check is skipped.</p> <p>If this profile value is null, a default value of No is assumed.</p>	No
**ASO: Default Ship From Org	<p>This profile is used to identify the physical warehouse against which ATP and reservation are performed.</p> <p>This profile is mandatory if ATP and Reservations are performed.</p> <p>If this profile value is null, then no default value is assumed.</p>	N/A

Table 1–5 ASO Profile Options for Item Reservation Integration

Profile Option	Description	Default Value
**ASO: Reservation Level	<p>This profile determines the level at which item reservations are performed. Items can be reserved manually, or automatically when the order is placed.</p> <p>This profile is mandatory if reservations are performed.</p> <p>If this profile is set to AUTO_ORDER, a reservation is made when an order is placed.</p> <p>If this profile is set to MANUAL, reservations must be entered manually.</p> <p>If this profile value is null, a default value of Manual is assumed.</p>	Manual
**ASO: Transaction Source Type	<p>This profile is used to specify the source type used for reserving items. The source type is set up in Manufacturing and Distribution, logged in as the manager responsibility, by navigating to Inventory > Setup > Transaction Source Type.</p> <p>This profile is mandatory if reservations are performed.</p> <p>If this profile value is null, no default value is assumed.</p>	N/A

Table 1–6 ASO Profile Options for Order Feedback

Profile Option	Description	Default Value
ASO: Order Feedback Queue Retention Time	<p>This profile determines the duration of time that messages are retained in the order feedback queue.</p> <p>Set the profile option to the number of days you want to keep the data in the queue. This depends on your business needs and the applications that are interested in the information in the queue.</p> <p>Caution: It is very important that you enter a value in this profile, as your queue can grow extremely large.</p> <p>If this profile value is null, the message will be retained in the queue indefinitely.</p>	N/A

Table 1–7 ASO Profile Options for Order Integration

Profile Option	Description	Default Value
*ASO: Default Order State	<p>This profile is used to determine the state of the order (booked or entered) when created from a quote.</p> <p>If this profile value is null, the default value of booked is assumed.</p>	Booked
**ASO: Default Return Reason	<p>This profile is used to default a reason for returning an item, if no reason has been specified by the customer.</p> <p>This profile is mandatory for all return lines.</p> <p>If this profile value is null, then no default value is assumed.</p>	N/A

Table 1–7 ASO Profile Options for Order Integration

Profile Option	Description	Default Value
**ASO: Default Salesrep	<p>This profile is used to default in an employee_person_id for the sales rep on the order, when a quote is converted to an order. This default salesrep receives 100 percent credit by default.</p> <p>This profile is mandatory when the ASO: Validate Salesrep profile is set to No.</p> <p>If this profile value is null, then no default value is assumed.</p>	N/A
ASO: OM Defaulting	<p>This profile is used to determine whether Oracle Order Management should default values (as per rules set up in Oracle Order Management) for the following attributes of an order, when creating an order from a quote: salesrep_id, order_type_id, payment_term_id, fob_code, freight_terms_code, and shipment_priority_code.</p> <p>If ASO: OM Defaulting is set to No and a quote is created with null values for the above fields, the corresponding order will show these fields as null, except for salesrep_id, which will be defaulted with a value from the Salesrep profile option.</p> <p>If set to Yes and a quote is created with null values for the above fields, the corresponding order will have values defaulted into the fields, as per the OM defaulting rules.</p>	No

Table 1–7 ASO Profile Options for Order Integration

Profile Option	Description	Default Value
*ASO: Quote Conversion Type	<p>This profile specifies the conversion type for getting the daily conversion rate while creating an order from a quote. The conversion type is used to derive the daily conversion rate from Oracle General Ledger if the OM: Set of Books profile currency is different from the currency used to create the quote.</p> <p>If this profile value is null, no default value is assumed.</p>	N/A
*ASO: Validate Salesrep	<p>This profile is used to determine whether a Sales rep must be specified on the quote prior to creating an order.</p> <p>If this profile is set to Yes, a sales rep must be specified on the quote prior to creating an order.</p> <p>If it is set to No, then a sales rep will be defaulted from ASO: Default Salesrep.</p> <p>If this profile value is null, a default value of Yes is assumed.</p>	Yes

Table 1–8 ASO Profile Options for Payments Integration

Profile Option	Description	Default Value
ASO: Credit Card Authorization	<p>This profile determines whether the application does a credit card authorization when creating an order from a quote.</p> <p>If this profile is set to Yes, then the credit card is authorized when creating an order from a quote.</p> <p>If this profile is set to No, no credit card authorization is performed.</p> <p>If this profile value is null, then a default value of No is assumed.</p>	No

Table 1–8 ASO Profile Options for Payments Integration

Profile Option	Description	Default Value
**ASO: Receipt Method	<p>This profile determines the receipt method for credit card authorization.</p> <p>This profile option is mandatory when ASO: Credit Card Authorization is set to Yes.</p> <p>If this profile value is null, no default value is assumed.</p>	N/A

Table 1–9 ASO Profile Options for Quotes

Profile Option	Description	Default Value
ASO: Automatic Numbering	<p>Determines if the system automatically generates a quote number.</p> <p>If this profile is set to Yes, a new quote number is generated by the system.</p> <p>If this profile option is set to No, the user must specify the quote number.</p> <p>If this profile value is null, the user must specify the quote number.</p>	Yes
*ASO: Default Currency Code	<p>One of the two profile options that determine the currency of the transactions in the application. The currency defined in ASO: Default Order Type takes precedence over this profile option.</p> <p>If this profile value is null, the default value USD is assumed.</p>	USD
ASO: Default Ordered Qty in OC UI	<p>This profile determines the default quantity that appears in the QTY field of the Order Capture window.</p> <p>If this profile value is null, a default quantity of 1 is assumed.</p>	1

Table 1–9 ASO Profile Options for Quotes

Profile Option	Description	Default Value
ASO: Default Quote Status	<p>This profile determines the default status of a new quote.</p> <p>If this profile value is null, a default value of Draft is assumed.</p>	Draft
ASO: Enable Line Payments	<p>This profile allows the user to make payments at the line level. Currently, line level payments are not supported, hence this profile should always be set to No at the site level.</p> <p>This profile will be non-updateable.</p> <p>Note: If the customer has customized these profiles, the system administrator needs to change the profile property to make them updateable, change the value of both the profiles to be "No" at all levels, and make the profiles non-updateable again (to prevent any accidental updates).</p>	No
ASO: Enable Split Payment	<p>This profile allows the user split payments at the header level across multiple payment methods. Currently, split payments are not supported, hence this profile should always be set to No at site level.</p> <p>This profile will be non-updateable.</p> <p>Note: If the customer has customized these profiles, the system administrator needs to change the profile property to make them updateable, change the value of both the profiles to be "No" at all levels, and make the profiles non-updateable again (to prevent any accidental updates).</p>	No

Table 1–9 ASO Profile Options for Quotes

Profile Option	Description	Default Value
ASO: Quote Duration	<p>This profile specifies the minimum length of time a quote remains valid. The Order Capture UI uses this value to calculate the Expiration Date if the user does not specify one.</p> <p>If this profile value is null, a duration of 30 is assumed.</p>	30

Table 1–10 ASO Profile Options for Quote/Order Integration

Profile Option	Description	Default Value
*ASO: Default Order Type	<p>This profile determines how the order is to be processed in Oracle Order Management. The order types are set up in Oracle Order Management. This profile also determines what price list and currency code appear by default in the main Order Capture form</p> <p>If this profile value is null, no default value is assumed.</p>	N/A
ASO: Enable TCA Changes	<p>This profile will enable the new validation/derivation logic related to the TCA attributes in the Order Capture APIs. This profile should only be used internally by the development teams and should not be set by customers.</p> <p>If this profile is set to Yes, the new validation/derivation logic is executed.</p> <p>If this profile is set to No, the old validation/derivation logic will not be executed.</p> <p>If this profile value is null, a default value of No is assumed.</p>	No

Table 1–11 Obsolete Order Capture Profile Options

Profile Option	Description
ASO: Advanced Inbound Installation	Determines if Oracle Advanced Inbound is installed.
ASO: Advanced Outbound Installation	Determined if Oracle Advanced Outbound is installed.
ASO: Automatic ATP Check for Number of Items	Automatic ATP check to be performed for number of items.
ASO: Default Order Category	Determines whether all items in an order are orders or returns.
ASO: Default Payment Option	Default payment option.
ASO: Enable Configure Model Item	Enables configuration of model items.
ASO: Payment Term	Payment term associated with a newly created account.
ASO: Product Organization	The organization that OC uses to validate product inventory items.
ASO: Quote Order Type	System default order type that quote uses.
ASO: Quote Order Entered State	The entered state of orders when entered from quotes.
ASO: Scripting Installation	Determines if Oracle Scripting is used.
ASO: Use Installation Details	Use Installation Details UI.

1.4 Defining Descriptive Flexfield Information

Descriptive flexfields are customizable, blank fields on the Order Capture form that allow the application developer to enter additional fields as needed. A descriptive flexfield is comprised of segments, each of which has a prompt and may have either a valid set of values or data entered by the customer. Order Capture descriptive flexfields are located in the header level, next to the Status field, and in the line level, next to the Extended Price field. They are represented by an unnamed field enclosed in brackets.

Use this procedure to determine the use of your descriptive flexfields and to make changes to your flexfield values.

Steps

1. Log on to Oracle Forms.
2. Select the Application Developer responsibility.
3. Choose **Flexfield > Descriptive > Segments**.
The Descriptive Flexfield form opens.
4. From the **View** menu, choose **Query by Example > Enter**.
5. Type Order Capture into the field and choose **Query by Example > Run** from the View menu.

The Order Capture descriptive flexfield records are displayed.

Note: In order for flexfields to exist on the quote once it becomes an order, the application developer must set up the flexfields in Order Management the same as in Order Capture. Therefore you must repeat this procedure a second time using Order Management as the application.

6. Uncheck the Freeze Flexfield Definition box. This is necessary to make and save changes to the flexfield information.
7. Enter the Title field.

This value is the Title that will show up on the flexfield pop up window.

Note: The content allowed in the Title field and the Context section fields is limited by the Value Set. For more information on value sets, refer to the *Oracle Applications Flexfield Guide*.

8. Enter the necessary information into the Context Field section.

This section determines the context of the flexfield.

- Enter a Prompt into the Context field section.
This Prompt appears in a flexfield form if you have permitted override (by placing a check in the override allowed box).
- Enter a Default Value, if necessary.

This default value determines which descriptive flexfield structure is displayed. Your flexfield automatically uses this default value if no reference field is defined.

- Enter a Reference Field value, if necessary.

This is the reference field from which the flexfield can automatically derive the context value field. Application developers can choose from a predefined list or create their own reference fields. For more information, see *Planning and Defining Descriptive Flexfields* in the *Oracle Applications Flexfield Guide*.

- Choose whether or not to require a Context Field Value by checking or unchecking the Value Required box.

If a value is required, the user cannot leave the flexfield form without entering a valid value.

- Choose whether or not the user can override the context value derived from a reference field or default value by checking or unchecking the Override Allowed box.

If the user can change this value, the flexfield form displays the designated context window Prompt. If overrides are not allowed, the flexfield value is determined by the reference field or default value.

9. Enter as many values as necessary into the Context Field Values section or leave the field blank to allow the user to enter their own value.

Each value in this section is part of an LOV on the flexfield pop up window, from which the user can choose.

10. Click **Segments**.

The Segments Summary form opens.

11. Enter a name for the segment in the first available Name field.

12. Enter a Window Prompt for the segment.

13. Use the LOV to enter the column the segment should map to.

This step is optional.

14. Click **Value Set** to set the values and close this form.

15. In the descriptive flexfield form, place a check in the Freeze Flexfield Definition box.

This is necessary to save all of the changes made in this form.

16. Click **Compile** to apply your changes and close the main descriptive flexfield form.

1.5 Setting Up the Print Quote Functionality

Before using Print Quote you must install and designate a default printer. For complete directions on Installing a Printer, see the *Oracle Applications System Administrator's Guide*.

1.5.1 Designating a Printer for Print Quote

1. Log in to Oracle Forms as **Applications Developer**.

2. Choose **Concurrent > Program**.

The Concurrent Programs window opens.

3. From the View menu, choose **Query by Example > Enter**.

4. Enter **Print Quote** in the Program field.

5. Choose **View > Query by Example > Run**.

Order Capture displays the Print Quote record. The default printer is located in the Output section in the lower right corner.

6. To change the printer, click on the LOV in the printer field.

A window opens, displaying all printers that are set-up in Oracle Forms.

7. Choose the printer you want your Print Quote reports to print on.

8. Click **OK**.

9. Close the window.

Prerequisites

The report functionality must be set up in Oracle Reports. The quote must be saved and must be displayed in the Order Capture form.

1.6 Workflows in Oracle Order Capture

Oracle Order Capture does not use workflows.

1.7 Working with Oracle Order Capture

Once you have set up quote statuses and quote status transitions, lookup codes, and system profile options, Oracle Order Capture is fully implemented.

For a guide to working with Oracle Order Capture, see *Oracle Order Capture Concepts and Procedures*.

Oracle Order Capture APIs

This chapter contains information about Oracle Order Capture's APIs. This section describes the various PL/SQL APIs that are supported.

- [Quote APIs](#)
- [Order APIs](#)

2.1 Quote APIs

Following is a list of Order Capture APIs in the package ASO_QUOTE_PUB. These APIs pertain to the quoting aspect of Order Capture. They are used to create, update, copy, and submit (to Order Management) quotes in Order Capture.

- [Create_Quote](#)
- [Create_Quote \(overloaded\)](#)
- [Update_Quote](#)
- [Update_Quote \(overloaded\)](#)
- [Copy_Quote](#)
- [Copy_Quote \(overloaded\)](#)
- [Submit Quote](#)

2.1.1 Create_Quote

The [Create_Quote](#) API creates an entire quote including the quote header, shipment, payment, and line level payments and shipments. It also calculates prices for items included in the quote based on necessary tax, and shipping and freight charges.

Create_Quote calls Create_Quote_Lines for creating quote lines, line shipments, and line payments.

The following interface APIs are called in Create_Quote: Pricing, Tax, and Service Contracts (for serviceable items).

Table 2-1 lists the parameters for the Create_Quote API.

Table 2-1 Parameters for Create_Quote

Parameter	Input or Output	Data Type
P_Api_Version_Name	IN	Number,
P_Init_Msg_List	IN	VARCHAR2 := FND_API.G_FALSE,
P_Commit	IN	VARCHAR2 := FND_API.G_FALSE,
P_Control_Rec	IN	Control_Rec_Type := G_Miss_Control_Rec,
P_Qte_Header_Rec	IN	Qte_Header_Rec_Type := G_MISS_Qte_Header_Rec
P_hd_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_hd_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type:= G_MISS_PAYMENT_TBL,
P_hd_Shipment_Rec	IN	ASO_QUOTE_PUB.Shipment_Rec_Type := G_MISS_SHIPMENT_REC,
P_hd_Freight_Charge_Tbl	IN	ASO_QUOTE_PUB.Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_hd_Tax_Detail_Tbl	IN	ASO_QUOTE_PUB.Tax_Detail_Tbl_Type:= G_Miss_Tax_Detail_Tbl,
P_Qte_Line_Tbl	IN	Qte_Line_Tbl_Type := G_MISS_QTE_LINE_TBL,
P_Qte_Line_Dtl_Tbl	IN	Qte_Line_Dtl_Tbl_Type := G_MISS_QTE_LINE_DTL_TBL,
P_Line_Attr_Ext_Tbl	IN	Line_Attr_Ext_Tbl_Type := G_MISS_Line_Attr_Ext_TBL,
P_line_rltship_tbl	IN	Line_Rltship_Tbl_Type := G_MISS_Line_Rltship_Tbl,

Table 2–1 Parameters for Create_Quote

Parameter	Input or Output	Data Type
P_Price_Adjustment_Tbl	IN	Price_Adj_Tbl_Type := G_Miss_Price_Adj_Tbl,
P_Price_Adj_Attr_Tbl	IN	Price_Adj_Attr_Tbl_Type := G_Miss_PRICE_ADJ_ATTR_Tbl,
P_Price_Adj_Attr_Tbl	IN	Price_Adj_Attr_Tbl_Type := G_Miss_PRICE_ADJ_ATTR_Tbl,
P_Price_Adj_Rltship_Tbl	IN	Price_Adj_Rltship_Tbl_Type := G_Miss_Price_Adj_Rltship_Tbl,
P_Ln_Price_Attributes_Tbl	IN	Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_Ln_Payment_Tbl	IN	Payment_Tbl_Type := G_MISS_PAYMENT_TBL,
P_Ln_Shipment_Tbl	IN	Shipment_Tbl_Type := G_MISS_SHIPMENT_TBL,
P_Ln_Freight_Charge_Tbl	IN	Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_Ln_Tax_Detail_Tbl	IN	Tax_Detail_Tbl_Type := G_Miss_Tax_Detail_Tbl,
X_Qte_Header_Rec	OUT	Qte_Header_Rec_Type,
X_Qte_Line_Tbl	OUT	Qte_Line_Tbl_Type,
X_Qte_Line_Dtl_Tbl	OUT	Qte_Line_Dtl_Tbl_Type,
X_Hd_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Hd_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Hd_Payment_Rec	OUT	Shipment_Rec_Type,
X_Hd_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Hd_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
x_Line_Attr_Ext_Tbl	OUT	Line_Attr_Ext_Tbl_Type,
X_Line_Rltship_Tbl	OUT	Line_Rltship_Tbl_Type,
X_Price_Adjustment_Tbl	OUT	Price_Adj_Tbl_Type,

Table 2–1 Parameters for Create_Quote

Parameter	Input or Output	Data Type
X_Price_Adj_Attr_Tbl	OUT	X_Price_Adj_Attr_Tbl_Type,
X_Price_Adj_Rltship_Tbl	OUT	Price_Adj_Rltship_Tbl_Type,
X_Ln_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Ln_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Ln_Shipment_Tbl	OUT	Shipment_Tbl_Type,
X_Ln_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Ln_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
X_Return_Status	OUT	VARCHAR2,
X_Msg_Count	OUT	NUMBER,
X_Msg_Data	OUT	VARCHAR2

2.1.2 Create_Quote (overloaded)

Create_Quote overloaded with Sales Credit and Quote Party input.

Table 2-2 lists the parameters for the Create_Quote (overloaded) API.

Table 2–2 Parameters for Create_Quote (overloaded)

Parameter	Input or Output	Data Type
P_Api_Version_Name	IN	Number,
P_Init_Msg_List	IN	VARCHAR2 := FND_API.G_FALSE,
P_Commit	IN	VARCHAR2 := FND_API.G_FALSE,
P_Control_Rec	IN	Control_Rec_Type := G_Miss_Control_Rec,
P_Qte_Header_Rec	IN	Qte_Header_Rec_Type := G_MISS_Qte_Header_Rec
P_hd_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_hd_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type:= G_MISS_PAYMENT_TBL,

Table 2–2 Parameters for Create_Quote (overloaded)

Parameter	Input or Output	Data Type
P_hd_Shipment_Rec	IN	ASO_QUOTE_PUB.Shipment_Rec_Type := G_MISS_SHIPMENT_REC,
P_hd_Freight_Charge_Tbl	IN	ASO_QUOTE_PUB.Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_hd_Tax_Detail_Tbl	IN	ASO_QUOTE_PUB.Tax_Detail_Tbl_Type:=G_Miss_Tax_Detail_Tbl,
P_Qte_Line_Tbl	IN	Qte_Line_Tbl_Type :=G_MISS_QTE_LINE_TBL,
P_Qte_Line_Dtl_Tbl	IN	Qte_Line_Dtl_Tbl_Type :=G_MISS_QTE_LINE_DTL_TBL,
P_Line_Attr_Ext_Tbl	IN	Line_Attr_Ext_Tbl_Type :=G_MISS_Line_Attr_Ext_TBL,
P_line_rltship_tbl	IN	Line_Rltship_Tbl_Type :=G_MISS_Line_Rltship_Tbl,
P_Price_Adjustment_Tbl	IN	Price_Adj_Tbl_Type := G_Miss_Price_Adj_Tbl,
P_Price_Adj_Attr_Tbl	IN	Price_Adj_Attr_Tbl_Type := G_Miss_PRICE_ADJ_ATTR_Tbl,
P_Price_Adj_Rltship_Tbl	IN	Price_Adj_Rltship_Tbl_Type := G_Miss_Price_Adj_Rltship_Tbl,
P_Ln_Price_Attributes_Tbl	IN	Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_Ln_Payment_Tbl	IN	Payment_Tbl_Type := G_MISS_PAYMENT_TBL,
P_Ln_Shipment_Tbl	IN	Shipment_Tbl_Type := G_MISS_SHIPMENT_TBL,
P_Ln_Freight_Charge_Tbl	IN	Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_Ln_Tax_Detail_Tbl	IN	Tax_Detail_Tbl_Type := G_Miss_Tax_Detail_Tbl,
x_Qte_Header_Rec	OUT	Qte_Header_Rec_Type,
X_Qte_Line_Tbl	OUT	Qte_Line_Tbl_Type,

Table 2–2 Parameters for Create_Quote (overloaded)

Parameter	Input or Output	Data Type
X_Qte_Line_Dtl_Tbl	OUT	X_Qte_Line_Dtl_Tbl_Type,
X_Hd_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Hd_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Hd_Shipment_Rec	OUT	Shipment_Rec_Type,
X_Hd_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Hd_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
x_Line_Attr_Ext_Tbl	OUT	Line_Attr_Ext_Tbl_Type,
X_Line_Rltship_Tbl	OUT	Line_Rltship_Tbl_Type,
X_Price_Adjustment_Tbl	OUT	Price_Adj_Tbl_Type,
X_Price_Adj_Attr_Tbl	OUT	Price_Adj_Attr_Tbl_Type,
X_Price_Adj_Rltship_Tbl	OUT	Price_Adj_Rltship_Tbl_Type,
X_Ln_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Ln_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Ln_Shipment_Tbl	OUT	Shipment_Tbl_Type,
X_Ln_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Ln_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
X_Ln_Sales_Credit_Tbl	OUT	Sales_Credit_Tbl_Type
X_Ln_Quote_Party_Tbl	OUT	Quote_Party_Tbl_Type
X_Return_Status	OUT	VARCHAR2,
X_Msg_Count	OUT	NUMBER,
X_Msg_Data	OUT	VARCHAR2

2.1.3 Update_Quote

The Update_Quote API updates a quote in Order Capture. Update_Quote can perform the following operations: Create_Quote_Lines and line shipment, line payment, and other line attributes; Update_Quote_Lines to update the existing

quote lines, and other line attributes. Update_Quote also recalculates item prices after adding or updating lines.

The following APIs are called in Update_Quote: Pricing, Tax, and Service Contracts (for Serviceable Items).

Table 2-3 lists the parameters for the Update_Quote API.

Table 2–3 Parameters for Update_Quote

Parameter	Input or Output	Data Type
P_Api_Version_Number	IN	NUMBER,
P_Init_Msg_List	IN	VARCHAR2 := FND_API.G_FALSE,
P_Commit	IN	VARCHAR2 := FND_API.G_FALSE,
P_Control_Rec	IN	Control_Rec_Type := G_Miss_Control_Rec,
P_Qte_Header_Rec	IN	Qte_Header_Rec_Type := G_MISS_Qte_Header_Rec
P_hd_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_hd_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type := G_MISS_PAYMENT_TBL,
P_hd_Shipment_Rec	IN	ASO_QUOTE_PUB.Shipment_Rec_Type := G_MISS_SHIPMENT_REC,
P_hd_Freight_Charge_Tbl	IN	ASO_QUOTE_PUB.Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_hd_Tax_Detail_Tbl	IN	ASO_QUOTE_PUB.Tax_Detail_Tbl_Type := G_Miss_Tax_Detail_Tbl,
P_Qte_Line_Tbl	IN	Qte_Line_Tbl_Type := G_MISS_QTE_LINE_TBL,
P_Qte_Line_Dtl_Tbl	IN	Qte_Line_Dtl_Tbl_Type := G_MISS_QTE_LINE_DTL_TBL,
P_Line_Attr_Ext_Tbl	IN	Line_Attr_Ext_Tbl_Type := G_MISS_Line_Attr_Ext_TBL,
P_line_rltship_tbl	IN	Line_Rltship_Tbl_Type := G_MISS_Line_Rltship_Tbl,

Table 2–3 Parameters for Update Quote

Parameter	Input or Output	Data Type
P_Price_Adjustment_Tbl	IN	Price_Adj_Tbl_Type := G_Miss_Price_Adj_Tbl,
P_Price_Adj_Attr_Tbl	IN	Price_Adj_Attr_Tbl_Type := G_Miss_PRICE_ADJ_ATTR_Tbl,
P_Price_Adj_Rltship_Tbl	IN	Price_Adj_Rltship_Tbl_Type := G_Miss_Price_Adj_Rltship_Tbl,
P_Ln_Price_Attributes_Tbl	IN	Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_Ln_Payment_Tbl	IN	Payment_Tbl_Type := G_MISS_PAYMENT_TBL,
P_Ln_Shipment_Tbl	IN	Shipment_Tbl_Type := G_MISS_SHIPMENT_TBL,
P_Ln_Freight_Charge_Tbl	IN	Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_Ln_Tax_Detail_Tbl	IN	Tax_Detail_Tbl_Type := G_Miss_Tax_Detail_Tbl,
x_Qte_Header_Rec	OUT	Qte_Header_Rec_Type,
X_Qte_Line_Tbl	OUT	Qte_Line_Tbl_Type,
X_Qte_Line_Dtl_Tbl	OUT	Qte_Line_Dtl_Tbl_Type,
X_Hd_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Hd_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Hd_Shipment_Rec	OUT	Shipment_Rec_Type,
X_Hd_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Hd_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
x_Line_Attr_Ext_Tbl	OUT	Line_Attr_Ext_Tbl_Type,
X_line_rltship_tbl	OUT	Line_Rltship_Tbl_Type,
X_Price_Adjustment_Tbl	OUT	Price_Adj_Tbl_Type,
X_Price_Adj_Attr_Tbl	OUT	Price_Adj_Attr_Tbl_Type,
X_Price_Adj_Rltship_Tbl	OUT	Price_Adj_Rltship_Tbl_Type,

Table 2–3 Parameters for Update_Quote

Parameter	Input or Output	Data Type
X_Ln_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Ln_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Ln_Shipment_Tbl	OUT	Shipment_Tbl_Type,
X_Ln_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Ln_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
X_Return_Status	OUT	VARCHAR2,
X_Msg_Count	OUT	NUMBER,
X_Msg_Data	OUT	VARCHAR2

2.1.4 Update_Quote (overloaded)

Update_Quote API overloaded with Sales Credit and Quote Party input.

Table 2-4 lists the parameters for the Update_Quote (overloaded) API.

Table 2–4 Parameters for Update_Quote (overloaded)

Parameter	Input or Output	Data Type
P_Api_Version_Number	IN	NUMBER,
P_Init_Msg_List	IN	VARCHAR2 := FND_API.G_FALSE,
P_Commit	IN	VARCHAR2 := FND_API.G_FALSE,
P_Control_Rec	IN	Control_Rec_Type := G_Miss_Control_Rec,
P_Qte_Header_Rec	IN	Qte_Header_Rec_Type := G_MISS_Qte_Header_Rec
P_hd_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_hd_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type := G_MISS_PAYMENT_TBL,
P_hd_Shipment_Rec	IN	ASO_QUOTE_PUB.Shipment_Rec_Type := G_MISS_SHIPMENT_REC,

Table 2–4 Parameters for Update_Quote (overloaded)

Parameter	Input or Output	Data Type
P_hd_Freight_Charge_Tbl	IN	ASO_QUOTE_PUB.Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_hd_Tax_Detail_Tbl	IN	ASO_QUOTE_PUB.Tax_Detail_Tbl_Type := G_Miss_Tax_Detail_Tbl,
P_Qte_Line_Tbl	IN	Qte_Line_Tbl_Type := G_MISS_QTE_LINE_TBL,
P_Qte_Line_Dtl_Tbl	IN	Qte_Line_Dtl_Tbl_Type := G_MISS_QTE_LINE_DTL_TBL,
P_Line_Attr_Ext_Tbl	IN	Line_Attr_Ext_Tbl_Type := G_MISS_Line_Attr_Ext_TBL,
P_line_rltship_tbl	IN	Line_Rltship_Tbl_Type := G_MISS_Line_Rltship_Tbl,
P_Price_Adjustment_Tbl	IN	Price_Adj_Tbl_Type := G_Miss_Price_Adj_Tbl,
P_Price_Adj_Attr_Tbl	IN	Price_Adj_Attr_Tbl_Type := G_Miss_PRICE_ADJ_ATTR_Tbl,
P_Price_Adj_Rltship_Tbl	IN	Price_Adj_Rltship_Tbl_Type := G_Miss_Price_Adj_Rltship_Tbl,
P_Ln_Price_Attributes_Tbl	IN	Price_Attributes_Tbl_Type := G_Miss_Price_Attributes_Tbl,
P_Ln_Payment_Tbl	IN	Payment_Tbl_Type := G_MISS_PAYMENT_TBL,
P_Ln_Shipment_Tbl	IN	Shipment_Tbl_Type := G_MISS_SHIPMENT_TBL,
P_Ln_Freight_Charge_Tbl	IN	Freight_Charge_Tbl_Type := G_Miss_Freight_Charge_Tbl,
P_Ln_Tax_Detail_Tbl	IN	Tax_Detail_Tbl_Type := G_Miss_Tax_Detail_Tbl,
x_Qte_Header_Rec	OUT	Qte_Header_Rec_Type,
X_Qte_Line_Tbl	OUT	Qte_Line_Tbl_Type,
X_Qte_Line_Dtl_Tbl	OUT	Qte_Line_Dtl_Tbl_Type,

Table 2–4 Parameters for Update_Quote (overloaded)

Parameter	Input or Output	Data Type
X_Hd_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Hd_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Hd_Shipment_Rec	OUT	Shipment_Rec_Type,
X_Hd_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Hd_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
x_Line_Attr_Ext_Tbl	OUT	Line_Attr_Ext_Tbl_Type,
X_line_rltship_tbl	OUT	Line_Rltship_Tbl_Type,
X_Price_Adjustment_Tbl	OUT	Price_Adj_Tbl_Type,
X_Price_Adj_Attr_Tbl	OUT	Price_Adj_Attr_Tbl_Type,
X_Price_Adj_Rltship_Tbl	OUT	Price_Adj_Rltship_Tbl_Type,
X_Ln_Price_Attributes_Tbl	OUT	Price_Attributes_Tbl_Type,
X_Ln_Payment_Tbl	OUT	Payment_Tbl_Type,
X_Ln_Shipment_Tbl	OUT	Shipment_Tbl_Type,
X_Ln_Freight_Charge_Tbl	OUT	Freight_Charge_Tbl_Type,
X_Ln_Tax_Detail_Tbl	OUT	Tax_Detail_Tbl_Type,
X_Ln_Sales_Credit_Tbl	OUT	Sales_Credit_Tbl_Type,
X_Ln_Quote_Party_Tbl	OUT	Quote_Party_Tbl_Type,
X_Return_Status	OUT	VARCHAR2,
X_Msg_Count	OUT	NUMBER,
X_Msg_Data	OUT	VARCHAR2

2.1.5 Copy_Quote

The Copy_Quote API copies the existing quote to a new quote. If p_copy_only_header is set to FALSE, it copies the header and lines into a new quote. If p_new_version is set to TRUE, a new version of the current quote will be created.

Table 2-5 lists the parameters for the Copy_Quote API.

Table 2-5 Parameters for Copy_Quote

Parameter	Input or Output	Data Type	Default Value	Description
P_Api_Version_Number	IN	NUMBER		
P_Init_Msg_List	IN	VARCHAR2	FND_API.G_FALSE	
P_Commit	IN	VARCHAR2	FND_API.G_FALSE	
P_Validation_Level	IN	NUMBER	FND_API.G_VALID_LEVEL_FULL	
P_Qte_Header_Id	IN	NUMBER		Header Id of quote to be copied
P_Last_Update_Date	IN	DATE		
P_Copy_Only_Header	IN	VARCHAR2	FND_API.G_FALSE	TRUE = Copy only Header FALSE = Copy Header and Lines
P_New_Version	IN	VARCHAR2	FND_API.G_FALSE	TRUE = New Version of quote
P_Qte_Status_Id	IN	NUMBER	NULL	
P_Qte_Number	IN	NUMBER	NULL	
X_Qte_Header_Id	OUT	NUMBER		Header Id of new copied quote
X_Return_Status	OUT	VARCHAR2		
X_Msg_Count	OUT	NUMBER		
X_Msg_Data	OUT	VARCHAR2		

2.1.6 Copy_Quote (overloaded)

Copy_Quote API overloaded with Sales Credit and Quote Party input.

Accepts a new input parameter p_control_rec.

If `p_control_rec.COPY_TASK_FLAG` is set to 'Y' then `Copy_Quote` will copy the task associated with quote header.

If `p_control_rec.COPY_NOTES_FLAG` is set to 'Y' then `Copy_Quote` will copy the notes associated with quote header.

If `p_control_rec.COPY_ATT_FLAG` is set to 'Y' then `Copy_Quote` will copy the attachments associated with quote header.

`Copy_Quote` expects the user to pass the `p_control_rec` if they want to copy notes, tasks or attachments associated with quote header.

Table 2-6 lists the parameters for the `Copy_Quote` (overloaded) API.

Table 2-6 Parameters for Copy_Quote (overloaded)

Parameter	Input or Output	Data Type	Default Value	Description
<code>P_Api_Version_Number</code>	IN	NUMBER		
<code>P_Init_Msg_List</code>	IN	VARCHAR2	FND_API.G_FALSE	
<code>P_Commit</code>	IN	VARCHAR2	FND_API.G_FALSE	
<code>P_Validation_Level</code>	IN	NUMBER	FND_API.G_VALID_LEVEL_FULL	
<code>P_Qte_Header_Id</code>	IN	NUMBER		Header Id of quote to be copied
<code>P_Last_Update_Date</code>	IN	DATE		
<code>P_Copy_Only_Header</code>	IN	VARCHAR2	FND_API.G_FALSE	TRUE = Copy only Header FALSE = Copy Header and Lines
<code>P_New_Version</code>	IN	VARCHAR2	FND_API.G_FALSE	TRUE = New Version of quote
<code>P_Qte_Status_Id</code>	IN	NUMBER	NULL	
<code>P_Qte_Number</code>	IN	NUMBER	NULL	

Table 2–6 Parameters for Copy_Quote (overloaded)

Parameter	Input or Output	Data Type	Default Value	Description
P_control_rec	IN	ASO_QUOTE_PUB.Control_rec_type	G_MISS_CONTROL_REC_TYPE	Control record will accept 3 values for copy notes, copy task and copy attachments
X_Qte_Header_Id	OUT	NUMBER		Header Id of new copied quote
X_Return_Status	OUT	VARCHAR2		
X_Msg_Count	OUT	NUMBER		
X_Msg_Data	OUT	VARCHAR2		

2.1.7 Submit Quote

The Submit_Quote API converts a quote into an order.

Before booking an order Submit_Quote performs Credit Card Authorization (If 'ASO: Credit Card Authorization' is set) and Renewal of a Contract.

Submit_Quote calls the Create Order API to book an order in Order Management.

2.2 Order APIs

The following is a list of Order Capture APIs in the package ASO_ORDER_INT. These APIs are provided for application developers to create and update orders in Order Management. They internally call Order Management APIs and map data to the OM schema.

- [Create_Order](#)
- [Update_Order](#)

2.2.1 Create_Order

The Create_Order API creates a new order in Order Management. This API passes the necessary data to and from Order Management to create an Order. Create_Order

API maps the Quote header and line level information to the Order header and lines.

If the user is using the Order Capture schema then Submit_Quote API is preferred over Create_Order API.

Table 2-7 lists the parameters for the Create_Order API.

Table 2-7 Parameters for Create_Order

Parameter	Input or Output	Data Type
P_Api_Version_Number	IN	NUMBER,
P_Init_Msg_List	IN	VARCHAR2 := FND_API.G_FALSE
P_Commit	IN	VARCHAR2 := FND_API.G_FALSE
P_Qte_Rec	IN	ASO_QUOTE_PUB.Qte_Header_Rec_Type
P_Header_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type
P_Header_Price_Adj_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Tbl_Type
P_Header_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type
P_Header_Price_Adj_Rltship_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Rltship_Tbl_Type
P_Header_Price_Adj_Attr_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Attr_Tbl_Type
P_Header_Shipment_Tbl	IN	ASO_QUOTE_PUB.Shipment_Tbl_Type
P_Header_TAX_DETAIL_Tbl	IN	ASO_QUOTE_PUB.TAX_DETAIL_Tbl_Type
P_Header_FREIGHT_CHARGE_Tbl	IN	ASO_QUOTE_PUB.FREIGHT_CHARGE_Tbl_Type
P_header_sales_credit_TBL	IN	ASO_ORDER_PUB.Sales_credit_tbl_type
P_Qte_Line_Tbl	IN	ASO_QUOTE_PUB.Qte_Line_Tbl_Type
P_Qte_Line_Dtl_tbl	IN	ASO_QUOTE_PUB.Qte_Line_Dtl_tbl_Type
P_Line_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type
P_Line_Price_Adj_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Tbl_Type

Table 2–7 Parameters for Create_Order

Parameter	Input or Output	Data Type
P_Line_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type
P_Line_Price_Adj_rltship_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Rltship_Tbl_Type
P_Line_Price_Adj_Attr_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Attr_Tbl_Type
P_Line_Shipment_Tbl	IN	ASO_QUOTE_PUB.Shipment_Tbl_Type
P_Line_TAX_DETAIL_Tbl	IN	ASO_QUOTE_PUB.TAX_DETAIL_Tbl_Type
P_Line_FREIGHT_CHARGE_Tbl	IN	ASO_QUOTE_PUB.FREIGHT_CHARGE_Tbl_Type
P_Line_ATTRIBS_EXT_Tbl	IN	ASO_QUOTE_PUB.Line_Attribs_Ext_Tbl_Type
P_Line_Rltship_Tbl	IN	ASO_QUOTE_PUB.Line_Rltship_Tbl_Type
P_Line_sales_credit_TBL	IN	ASO_ORDER_PUB.Sales_credit_tbl_type
P_Lot_Serial_Tbl	IN	ASO_ORDER_PUB.Lot_Serial_Tbl_Type
P_Control_Rec	IN	ASO_ORDER_INT.Control_Rec_Type
X_Order_Header_Rec	OUT	ASO_ORDER_INT.Order_Header_Rec_Type,
X_Order_Line_Tbl	OUT	ASO_ORDER_INT.Order_Line_Tbl_type,
X_Return_Status	OUT	VARCHAR2,
X_Msg_Count	OUT	NUMBER,
X_Msg_Data	OUT	VARCHAR2

2.2.2 Update_Order

The Update_Order API allows for updates to an existing order in Order Management. This API passes information to and from Order Management. It does not validate information. Validation is performed in Order Management's Process Order API, which is called by Create_Order. For more information on the Process Order API, refer to the *Oracle Order Management Suite APIs and Open Interfaces Manual, Release 11i*.

Update_Order does not modify quote and relates directly to an order. Any IDs passed should relate to the IDs in OM and not quote related IDs.

Table 2-8 lists the parameters for the Update_Order API.

Table 2–8 Parameters for Update_Order

Parameter	Input or Output	Data Type
P_Api_Version_Number	IN	NUMBER,
P_Init_Msg_List	IN	VARCHAR2 := FND_API.G_FALSE
P_Commit	IN	VARCHAR2 := FND_API.G_FALSE
P_Qte_Rec	IN	ASO_QUOTE_PUB.Qte_Header_Rec_Type
P_Header_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type
P_Header_Price_Adj_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Tbl_Type
P_Header_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type
P_Header_Price_Adj_rltship_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Rltship_Tbl_Type
P_Header_Price_Adj_Attr_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Attr_Tbl_Type
P_Header_Shipment_Tbl	IN	ASO_QUOTE_PUB.Shipment_Tbl_Type
P_Header_TAX_DETAIL_Tbl	IN	ASO_QUOTE_PUB.TAX_DETAIL_Tbl_Type
P_Header_FREIGHT_CHARGE_Tbl	IN	ASO_QUOTE_PUB.FREIGHT_CHARGE_Tbl_Type
P_header_sales_credit_TBL	IN	ASO_ORDER_PUB.Sales_credit_tbl_type
P_Qte_Line_Tbl	IN	ASO_QUOTE_PUB.Qte_Line_Tbl_Type
P_Qte_Line_Dtl_tbl	IN	ASO_QUOTE_PUB.Qte_Line_Dtl_tbl_Type
P_Line_Payment_Tbl	IN	ASO_QUOTE_PUB.Payment_Tbl_Type
P_Line_Price_Adj_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Tbl_Type
P_Line_Price_Attributes_Tbl	IN	ASO_QUOTE_PUB.Price_Attributes_Tbl_Type
P_Line_Price_Adj_rltship_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Rltship_Tbl_Type

Table 2–8 Parameters for Update_Order

Parameter	Input or Output	Data Type
P_Line_Price_Adj_Attr_Tbl	IN	ASO_QUOTE_PUB.Price_Adj_Attr_Tbl_Type
P_Line_Shipment_Tbl	IN	ASO_QUOTE_PUB.Shipment_Tbl_Type
P_Line_TAX_DETAIL_Tbl	IN	ASO_QUOTE_PUB.TAX_DETAIL_Tbl_Type
P_Line_FREIGHT_CHARGE_Tbl	IN	ASO_QUOTE_PUB.FREIGHT_CHARGE_Tbl_Type
P_Line_ATTRIBS_EXT_Tbl	IN	ASO_QUOTE_PUB.Line_Attribs_Ext_Tbl_Type
P_Line_Rltship_Tbl	IN	ASO_QUOTE_PUB.Line_Rltship_Tbl_Type
P_Line_sales_credit_TBL	IN	ASO_ORDER_PUB.Sales_credit_tbl_type
P_Lot_Serial_Tbl	IN	ASO_ORDER_PUB.Lot_Serial_Tbl_Type
P_Control_Rec	IN	ASO_ORDER_INT.Control_Rec_Type
X_Order_Header_Rec	OUT	ASO_ORDER_INT.Order_Header_Rec_Type,
X_Order_Line_Tbl	OUT	ASO_ORDER_INT.Order_Line_Tbl_type,
X_Return_Status	OUT	VARCHAR2,
X_Msg_Count	OUT	NUMBER,
X_Msg_Data	OUT	VARCHAR2