Oracle® Install Base

API Reference Guide

Release 11*i*

October 2001

Part No. A95421-01

ORACLE®

Contents

Send Us Your Comments

Oracle Install Base API Reference Guide, Release 11*i*

Part No. A95421-01

Oracle Corporation welcomes your comments and suggestions on the quality and usefulness of this document. Your input is an important part of the information used for revision.

- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
- What features did you like most?

If you find any errors or have any other suggestions for improvement, please indicate the document title and part number, and the chapter, section, and page number (if available). You can send comments to us by mail:

> CRM Content Development Manager
> Oracle Corporation
> 500 Oracle Parkway
> Redwood Shores, CA 94065
> U.S.A.

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

Audience for This Guide

Welcome to Release 11*i* of the *Oracle Install Base API Reference Guide*.

This guide assumes you have a working knowledge of the following:

- The principles and customary practices of your business area.

  If you have never used Oracle Install Base, Oracle suggests you attend one or more of the Oracle Install Base training classes available through Oracle University.

- The Oracle Applications graphical user interface.

  To learn more about the Oracle Applications graphical user interface, read the *Oracle Applications User's Guide*.

See Other Information Sources for more information about Oracle Applications product information.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Standards will continue to evolve over time, and Oracle Corporation is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For additional information,

visit the Oracle Accessibility Program Web site at
`http://www.oracle.com/accessibility/`.

Accessibility of Code Examples in Documentation   JAWS, a Windows screen reader, may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, JAWS may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation   This documentation may contain links to Web sites of other companies or organizations that Oracle Corporation does not own or control. Oracle Corporation neither evaluates nor makes any representations regarding the accessibility of these Web sites.

How To Use This Guide

This document contains the information you need to use Oracle Install Base application programming interfaces (APIs).

- Chapter 1 provides the Oracle Install Base APIs and associated messages.

Other Information Sources

You can choose from many sources of information, including online documentation, training, and support services, to increase your knowledge and understanding of Oracle Install Base.

If this guide refers you to other Oracle Applications documentation, use only the Release 11i versions of those guides.

Online Documentation
All Oracle Applications documentation is available online (HTML or PDF). Online help patches are available on MetaLink.

Related Documentation
Oracle Install Base shares business and setup information with other Oracle Applications products. Therefore, you may want to refer to other product documentation when you set up and use Oracle Install Base.

You can read the documents online by choosing Library from the expandable menu on your HTML help window, by reading from the Oracle Applications Document

Library CD included in your media pack, or by using a Web browser with a URL that your system administrator provides.

If you require printed guides, you can purchase them from the Oracle Store at http://oraclestore.oracle.com.

Documents Related to All Products

Oracle Applications User's Guide

This guide explains how to enter data, query, run reports, and navigate using the graphical user interface (GUI) available with this release of Oracle Install Base (and any other Oracle Applications products). This guide also includes information on setting user profiles, as well as running and reviewing reports and concurrent processes.

You can access this user's guide online by choosing "Getting Started with Oracle Applications" from any Oracle Applications help file.

Documents Related to This Product

Oracle Install Base Implementation Guide

Refer to this guide for information about installing the application.

Oracle Install Base Concepts and Procedures

This guide provides information about using the application.

Oracle Enterprise Install Base Implementation Guide

Refer to this guide to understand the implementation of a closely related application.

Installation and System Administration

Oracle Applications Concepts

This guide provides an introduction to the concepts, features, technology stack, architecture, and terminology for Oracle Applications Release 11*i*. It provides a useful first book to read before an installation of Oracle Applications. This guide also introduces the concepts behind Applications-wide features such as Business Intelligence (BIS), languages and character sets, and Self-Service Web Applications.

Installing Oracle Applications

This guide provides instructions for managing the installation of Oracle Applications products. In Release 11*i*, much of the installation process is handled using Oracle Rapid Install, which minimizes the time to install Oracle Applications, the Oracle8 technology stack, and the Oracle8*i* Server technology stack by automating many of the required steps. This guide contains instructions for using Oracle Rapid Install and lists the tasks you need to perform to finish your installation. You should use this guide in conjunction with individual product user's guides and implementation guides.

Oracle Applications Supplemental CRM Installation Steps

This guide contains specific steps needed to complete installation of a few of the CRM products. The steps should be done immediately following the tasks given in the Installing Oracle Applications guide.

Upgrading Oracle Applications

Refer to this guide if you are upgrading your Oracle Applications Release 10.7 or Release 11.0 products to Release 11*i*. This guide describes the upgrade process and lists database and product-specific upgrade tasks. You must be either at Release 10.7 (NCA, SmartClient, or character mode) or Release 11.0, to upgrade to Release 11*i*. You cannot upgrade to Release 11*i* directly from releases prior to 10.7.

Maintaining Oracle Applications

Use this guide to help you run the various AD utilities, such as AutoUpgrade, AutoPatch, AD Administration, AD Controller, AD Relink, License Manager, and others. It contains how-to steps, screenshots, and other information that you need to run the AD utilities. This guide also provides information on maintaining the Oracle applications file system and database.

Oracle Applications System Administrator's Guide

This guide provides planning and reference information for the Oracle Applications System Administrator. It contains information on how to define security, customize menus and online help, and manage concurrent processing.

Oracle Alert User's Guide

This guide explains how to define periodic and event alerts to monitor the status of your Oracle Applications data.

Oracle Applications Developer's Guide

This guide contains the coding standards followed by the Oracle Applications development staff. It describes the Oracle Application Object Library components needed to implement the Oracle Applications user interface described in the *Oracle Applications User Interface Standards for Forms-Based Products*. It also provides information to help you build your custom Oracle Forms Developer 6*i* forms so that they integrate with Oracle Applications.

Oracle Applications User Interface Standards for Forms-Based Products

This guide contains the user interface (UI) standards followed by the Oracle Applications development staff. It describes the UI for the Oracle Applications products and how to apply this UI to the design of an application built by using Oracle Forms.

Other Implementation Documentation

Multiple Reporting Currencies in Oracle Applications

If you use the Multiple Reporting Currencies feature to record transactions in more than one currency, use this manual before implementing Oracle Install Base. This manual details additional steps and setup considerations for implementing Oracle Install Base with this feature.

Multiple Organizations in Oracle Applications

This guide describes how to set up and use Oracle Install Base with Oracle Applications' Multiple Organization support feature, so you can define and support different organization structures when running a single installation of Oracle Install Base.

Oracle Workflow Guide

This guide explains how to define new workflow business processes as well as customize existing Oracle Applications-embedded workflow processes.You also use this guide to complete the setup steps necessary for any Oracle Applications product that includes workflow-enabled processes.

Oracle Applications Flexfields Guide

This guide provides flexfields planning, setup and reference information for the Oracle Install Base implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This manual also provides information on creating custom reports on flexfields data.

Oracle eTechnical Reference Manuals

Each eTechnical Reference Manual (eTRM) contains database diagrams and a detailed description of database tables, forms, reports, and programs for a specific Oracle Applications product. This information helps you convert data from your existing applications, integrate Oracle Applications data with non-Oracle applications, and write custom reports for Oracle Applications products. Oracle eTRM is available on Metalink

Oracle Manufacturing APIs and Open Interfaces Manual

This manual contains up-to-date information about integrating with other Oracle Manufacturing applications and with your other systems. This documentation includes APIs and open interfaces found in Oracle Manufacturing.

Oracle Order Management Suite APIs and Open Interfaces Manual

This manual contains up-to-date information about integrating with other Oracle Manufacturing applications and with your other systems. This documentation includes APIs and open interfaces found in Oracle Order Management Suite.

Oracle Applications Message Reference Manual

This manual describes Oracle Applications messages. This manual is available in HTML format on the documentation CD-ROM for Release 11i.

Oracle CRM Application Foundation Implementation Guide

Many CRM products use components from CRM Application Foundation. Use this guide to correctly implement CRM Application Foundation.

Training and Support

Training

Oracle offers training courses to help you and your staff master Oracle Install Base and reach full productivity quickly. You have a choice of educational environments. You can attend courses offered by Oracle University at any one of our many Education Centers, you can arrange for our trainers to teach at your facility, or you can use Oracle Learning Network (OLN), Oracle University's online education utility. In addition, Oracle training professionals can tailor standard courses or develop custom courses to meet your needs. For example, you may want to use your organization's structure, terminology, and data as examples in a customized training session delivered at your own facility.

Support

From on-site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Install Base working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business area, managing an Oracle8*i* server, and your hardware and software environment.

Oracle*MetaLink*

Oracle*MetaLink* is your self-service support connection with web, telephone menu, and e-mail alternatives. Oracle supplies these technologies for your convenience, available 24 hours a day, 7 days a week. With Oracle*MetaLin*k, you can obtain information and advice from technical libraries and forums, download patches, download the latest documentation, look at bug details, and create or update TARs. To use MetaLink, register at (http://metalink.oracle.com).

Alerts: You should check Oracle*MetaLink* alerts before you begin to install or upgrade any of your Oracle Applications. Navigate to the Alerts page as follows: Technical Libraries/ERP Applications/Applications Installation and Upgrade/Alerts.

Self-Service Toolkit: You may also find information by navigating to the Self-Service Toolkit page as follows: Technical Libraries/ERP Applications/Applications Installation and Upgrade.

Do Not Use Database Tools to Modify Oracle Applications Data

Oracle STRONGLY RECOMMENDS that you never use SQL*Plus, Oracle Data Browser, database triggers, or any other tool to modify Oracle Applications data unless otherwise instructed.

Oracle provides powerful tools you can use to create, store, change, retrieve, and maintain information in an Oracle database. But if you use Oracle tools such as SQL*Plus to modify Oracle Applications data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data.

Because Oracle Applications tables are interrelated, any change you make using Oracle Applications can update many tables at once. But when you modify Oracle Applications data using anything other than Oracle Applications, you may change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk

retrieving erroneous information and you risk unpredictable results throughout Oracle Applications.

When you use Oracle Applications to modify your data, Oracle Applications automatically checks that your changes are valid. Oracle Applications also keeps track of who changes information. If you enter information into database tables using database tools, you may store invalid information. You also lose the ability to track who has changed your information because SQL*Plus and other database tools do not keep a record of changes.

About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of more than 160 software modules for financial management, supply chain management, manufacturing, project systems, human resources and customer relationship management.

Oracle products are available for mainframes, minicomputers, personal computers, network computers and personal digital assistants, allowing organizations to integrate different computers, different operating systems, different networks, and even different database management systems, into a single, unified computing and information resource.

Oracle is the world's leading supplier of software for information management, and the world's second largest software company. Oracle offers its database, tools, and applications products, along with related consulting, education, and support services, in over 145 countries around the world.

1

Oracle Install Base Public APIs

The following PL/SQL public APIs are covered in this document :

- Item instance management APIs

- Instance-to-Instance relationships management APIs

- System APIs

- API messages

1.1 Install Base Public Packages

The APIs provided for the new Install Base are organized into the following packages :

- CSI_DATASTRUCTURES_PUB: Contains all public datastructures exposed to Install Base API users.

- CSI_ITEM_INSTANCE_PUB: Contains all APIs for item instance management.

- CSI_INSTANCE_RELATIONSHIP_PUB: Contains all APIs to manage instance-to-instance relationships (instance configuration).

- CSI_SYSTEMS_PUB: Contains APIs for creating, updating and deleting the systems.

The following tables describe the public APIs discussed in this chapter.

Table 1–1   CSI_ITEM_INSTANCE_PUB APIs

Name	Description
Create_Item_instance	This procedure creates an item instance in Install Base along with its child entities. The child entities include associated parties, accounts, organization units, extended attributes, pricing attributes, and asset associations. The child entities are optional except for the owner party and owner account if the instance is owned by an external party.
Update_Item_Instance	This procedure updates an existing item instance and its child entities in Install Base.
Expire_Item_Instance	This procedure expires an Install Base item instance.
Get_Item_Instance	This procedure gets a list of item instances in Install Base satisfying the query criteria provided by the calling application.
Get_Item_Instance_Details	This procedure get the details of an item instance and its child entities.
Copy_Item_Instance	This procedure creates a new item instance and its child entities in Install Base by copying an existing item instance.

Table 1–2   CSI_II_RELATIONSHIPS_PUB APIs

Name	Description
Create_Relationship	This procedure creates relationship(s) between item instance.
Update_Relationship	This procedure updates relationship(s) between item instance.
Expire_Relationship	This procedure expires relationship(s) between item instance.
Get_Relationships	This procedure gets the list of relationship(s) among item instances.

Table 1–3   CSI_SYSTEMS_PUB APIs

Name	Description
Create_System	This procedure creates a system.
Update_System	This procedure updates a system.
Expire_System	This procedure expires a system.
Get_Systems	This procedure gets systems.

1.2 Package CSI_ITEM_INSTANCE_PUB

Contains all APIs for item instance management:

- Create_Item_Instance

- Update_Item_Instance

- Expire_Item_Instance

- Get_Item_Instance

- Get_Item_Instance_Details

- Copy_Item_Instance

1.2.1 Create_Item_Instance

```
PROCEDURE create_item_instance
 (
 p_api_version           IN     NUMBER
,p_commit                IN     VARCHAR2 := fnd_api.g_false
,p_init_msg_list         IN     VARCHAR2 := fnd_api.g_false
,p_validation_level      IN     NUMBER   := fnd_api.g_valid_level_full
,p_instance_rec          IN OUT csi_datastructures_pub.instance_rec
,p_ext_attrib_values_tbl IN OUT csi_datastructures_pub.extend_attrib_values_tbl
,p_party_tbl             IN OUT csi_datastructures_pub.party_tbl
,p_account_tbl           IN OUT csi_datastructures_pub.party_account_tbl
```

```
,p_pricing_attrib_tbl    IN OUT csi_datastructures_pub.pricing_attribs_tbl
,p_org_assignments_tbl   IN OUT csi_datastructures_pub.organization_units_tbl
,p_asset_assignment_tbl  IN OUT csi_datastructures_pub.instance_asset_tbl
,p_txn_rec               IN OUT csi_datastructures_pub.transaction_rec
,x_return_status         OUT    VARCHAR2
,x_msg_count             OUT    NUMBER
,x_msg_data              OUT    VARCHAR2
);
```

Current Version

2.2

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–4   Create_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_instance_rec	instance_rec	Yes	Instance record containing the attributes of instance to be created.
p_ext_attrib_values_tbl	extend_attrib_values_tbl	No	Extended Attributes
p_party_tbl	party_tbl	Yes	Parties to be associated with item instance.
p_account_tbl	party_account_tbl	Yes	Accounts to be associated with the parties.
p_pricing_attrib_tbl	pricing_attribs_tbl	No	Pricing attributes associated with the Item Instance.

p_org_assignments_tbl	organization_units_tbl	No	Organization ubit assignments to the item instance.
p_asset_assignment_tbl	instance_asset_tbl	No	Asset assignments to the item instance.

The following table describes the OUT parameters associated with this API.

Table 1–5   Create_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_instance_rec	instance_rec	
p_ext_attrib_values_tbl	extend_attrib_values_tbl	
p_party_tbl	party_tbl	
p_account_tbl	party_account_tbl	
p_pricing_attrib_tbl	pricing_attribs_tbl	
p_org_assignments_tbl	organization_units_tbl	
p_asset_assignment_tbl	instance_asset_tbl	
p_txn_rec	transaction_rec	
x_return_status	VARCHAR2	
x_msg_count	VARCHAR2	
x_msg_data	VARCHAR2	

1.2.2 Update_Item_Instance

```
PROCEDURE update_item_instance
 (
 p_api_version        IN     NUMBER
,p_commit             IN     VARCHAR2 := fnd_api.g_false
,p_init_msg_list      IN     VARCHAR2 := fnd_api.g_false
,p_validation_level   IN     NUMBER   := fnd_api.g_valid_level_full
,p_instance_rec       IN     csi_datastructures_pub.instance_rec
```

```
,p_ext_attrib_values_tbl IN OUT csi_datastructures_pub.extend_attrib_values_tbl
,p_party_tbl            IN OUT csi_datastructures_pub.party_tbl
,p_account_tbl          IN OUT csi_datastructures_pub.party_account_tbl
,p_pricing_attrib_tbl   IN OUT csi_datastructures_pub.pricing_attribs_tbl
,p_org_assignments_tbl  IN OUT csi_datastructures_pub.organization_units_tbl
,p_asset_assignment_tbl IN OUT csi_datastructures_pub.instance_asset_tbl
,p_txn_rec              IN OUT csi_datastructures_pub.transaction_rec
,x_instance_id_lst      OUT    csi_datastructures_pub.id_tbl
,x_return_status        OUT    VARCHAR2
,x_msg_count            OUT    NUMBER
,x_msg_data             OUT    VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–6   Update_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_instance_rec	instance_rec	Yes	Instance record containing the attributes of instance to be created.
p_ext_attrib_values_tbl	extend_attrib_values_tbl	No	Extended Attributes
p_party_tbl	party_tbl	Yes	Parties to be associated with item instance.
p_account_tbl	party_account_tbl	Yes	Accounts to be associated with the parties.

p_pricing_attrib_tbl	pricing_attribs_tbl	No	Pricing attributes associated with the Item Instance.
p_org_assignments_tbl	organization_units_tbl	No	Organization ubit assignments to the item instance.
p_asset_assignment_tbl	instance_asset_tbl	No	Asset assignments to the item instance.
p_txn_rec	transaction_rec	Yes	

The following table describes the OUT parameters associated with this API.

Table 1–7   Update_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_instance_rec	instance_rec	
p_ext_attrib_values_tbl	extend_attrib_values_tbl	
p_party_tbl	party_tbl	
p_account_tbl	party_account_tbl	
p_pricing_attrib_tbl	pricing_attribs_tbl	
p_org_assignments_tbl	organization_units_tbl	
p_asset_assignment_tbl	instance_asset_tbl	
p_txn_rec	transaction_rec	
x_return_status	VARCHAR2	
x_msg_count	VARCHAR2	
x_msg_data	VARCHAR2	

1.2.3 Expire_Item_Instance

```
PROCEDURE expire_item_instance
```

```
(
     p_api_version          IN       NUMBER
    ,p_commit               IN       VARCHAR2 := fnd_api.g_false
    ,p_init_msg_list        IN       VARCHAR2 := fnd_api.g_false
    ,p_validation_level     IN       NUMBER   := fnd_api.g_valid_level_full
    ,p_instance_rec         IN       csi_datastructures_pub.instance_rec
    ,p_expire_children      IN       VARCHAR2 := fnd_api.g_false
    ,p_txn_rec              IN OUT   csi_datastructures_pub.transaction_rec
    ,x_instance_id_lst      OUT      csi_datastructures_pub.id_tbl
    ,x_return_status        OUT      VARCHAR2
    ,x_msg_count            OUT      NUMBER
    ,x_msg_data             OUT      VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–8   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_instance_rec	instance_rec	Yes	Instance record containing the attributes of instance to be created.
p_expire_children	VARCHAR2	No	option to specify whether to expire child component instances or not. Default is fnd_api.g_false
p_txn_rec	transaction_rec	Yes	

The following table describes the OUT parameters associated with this API.

Table 1–9   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_txn_rec	transaction_rec	
x_instance_id_lst	id_tbl	
x_return_status	VARCHAR2	
x_msg_count	VARCHAR2	
x_msg_data	VARCHAR2	

1.2.4 Get_Item_Instances

```
PROCEDURE get_item_instances
 (
 p_api_version         IN  NUMBER
,p_commit              IN  VARCHAR2 := fnd_api.g_false
,p_init_msg_list       IN  VARCHAR2 := fnd_api.g_false
,p_validation_level    IN  NUMBER   := fnd_api.g_valid_level_full
,p_instance_query_rec  IN  csi_datastructures_pub.instance_query_rec
,p_party_query_rec     IN  csi_datastructures_pub.party_query_rec
,p_account_query_rec   IN  csi_datastructures_pub.party_account_query_rec
,p_transaction_id      IN  NUMBER
,p_resolve_id_columns  IN  VARCHAR2 := fnd_api.g_false
,p_active_instance_only IN  VARCHAR2 := fnd_api.g_true
,x_instance_header_tbl OUT csi_datastructures_pub.instance_header_tbl
,x_return_status       OUT VARCHAR2
,x_msg_count           OUT NUMBER
,x_msg_data            OUT VARCHAR2
 );
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–10   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_instance_query_rec	instance_query_rec	No	query columns for instance
p_party_query_rec	party_query_rec	No	query columns for instance parties
p_account_query_rec	party_account_query_rec	No	query columns for party accounts
p_transaction_id	NUMBER	No	query transaction id
p_resolve_id_columns	VARCHAR2	No	Should the foreign key columns be resolved by the API. This will slow down the processing time for the API but will resolve all the id columns. Default is fnd_api.g_false
p_active_instance_only	VARCHAR2	No	Query only the instances which are not-expired. Default is fnd_api.g_true.

The following table describes the OUT parameters associated with this API.

Table 1–11   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
x_instance_header_tbl	instance_header_tbl	table of instance headers holding information about instance fetched by the query constructed by the combination of input parameters.
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.2.5 Get_Item_Instance_Details

```
PROCEDURE get_item_instance_details
 (
 p_api_version            IN      NUMBER
,p_commit                 IN      VARCHAR2 := fnd_api.g_false
,p_init_msg_list          IN      VARCHAR2 := fnd_api.g_false
,p_validation_level       IN      NUMBER   := fnd_api.g_valid_level_full
,p_instance_rec           IN OUT  csi_datastructures_pub.instance_header_rec
,p_get_parties            IN      VARCHAR2 := fnd_api.g_false
,p_party_header_tbl       OUT     csi_datastructures_pub.party_header_tbl
,p_get_accounts           IN      VARCHAR2 := fnd_api.g_false
,p_account_header_tbl     OUT     csi_datastructures_pub.party_account_header_tbl
,p_get_org_assignments    IN      VARCHAR2 := fnd_api.g_false
,p_org_header_tbl         OUT     csi_datastructures_pub.org_unit_header_tbl
,p_get_pricing_attribs    IN      VARCHAR2 := fnd_api.g_false
,p_pricing_attrib_tbl     OUT     csi_datastructures_pub.pricing_attribs_tbl
,p_get_ext_attribs        IN      VARCHAR2 := fnd_api.g_false
```

```
 ,p_ext_attrib_tbl          OUT    csi_datastructures_pub.extend_attrib_values_tbl
 ,p_ext_attrib_def_tbl      OUT    csi_datastructures_pub.extend_attrib_tbl
 ,p_get_asset_assignments   IN     VARCHAR2 := fnd_api.g_false
 ,p_asset_header_tbl        OUT    csi_datastructures_pub.instance_asset_header_tbl
 ,p_resolve_id_columns      IN  VARCHAR2 := fnd_api.g_false
 ,p_time_stamp              IN     DATE
 ,x_return_status           OUT    VARCHAR2
 ,x_msg_count               OUT    NUMBER
 ,x_msg_data                OUT    VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–12   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_instance_rec	instance_header_rec	Yes	instance id is required to pass in
p_get_parties	VARCHAR2	No	Specify whether to fetch information about associated parties. Default is fnd_api.g_false
p_get_accounts	VARCHAR2	No	Specify whether to fetch information about associated parties accounts. Default is fnd_api.g_false

p_get_org_assignments	VARCHAR2	No	Specify whether to fetch information about associated organization units. Default is fnd_api.g_false
p_get_pricing_attribs	VARCHAR2	No	Specify whether to fetch information about instance pricing attributes. Default is fnd_api.g_false
p_get_ext_attribs	VARCHAR2	No	Specify whether to fetch information about instance extended attributes. Default is fnd_api.g_false
p_get_asset_ assignments	VARCHAR2	No	Specify whether to fetch information about instance asset associations. Default is fnd_api.g_false
p_time_stamp	DATE	No	The timestamp for which the snapshot of instance and its entities is required. If timestamp is SYSDATE or NULL then the latest values of attributes are fetched from the IB schema. If the timestamp is a past date then the attributes are fetched and constructed from IB history tables. If the timestamp is a future date then an exception is raised.
p_account_query_rec	party_account_query_rec	No	query columns for party accounts
p_transaction_id	NUMBER	No	query transaction id
p_resolve_id_columns	VARCHAR2	No	Should the foreign key columns be resolved by the API. This will slow down the processing time for the API but will resolve all the id columns. Default is fnd_ api.g_false

The following table describes the OUT parameters associated with this API.

Table 1–13   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_instance_rec	instance_header_tbl	table of instance headers holding information about instance fetched for the instance id provided as input. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.
p_party_header_tbl	party_header_tbl	table of instance party headers holding information about parties associated with instance. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.
p_account_header_tbl	party_account_header_tbl	table of accounts headers holding information about accounts associated with parties for the item instance. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.
p_org_header_tbl	org_unit_header_tbl	table of organization units headers holding information about org units associated with the instance. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.

p_pricing_attrib_tbl	pricing_attribs_tbl	table of pricing attributes holding information about pricing attributes associated with the instance. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.
p_ext_attrib_tbl	extend_attrib_values_tbl	table of extended attributes values headers holding information about values of extended attribute for the item instance. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.
p_ext_attrib_def_tbl	extend_attrib_tbl	table of extended attributes headers holding information about the extended attribute applicable to the item instance.
p_asset_header_tbl	instance_asset_header_tbl	table of asset headers holding information about the assets assignments for the item instance. The information may be current or constructed from history depending upon the value of timestamp passed by the calling application.
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.2.6 Copy_Item_Instance

```
PROCEDURE copy_item_instance
(
  p_api_version            IN          NUMBER
 ,p_commit                 IN          VARCHAR2 := fnd_api.g_false
 ,p_init_msg_list          IN          VARCHAR2 := fnd_api.g_false
 ,p_validation_level       IN          NUMBER   := fnd_api.g_valid_level_full
 ,p_source_instance_rec    IN          csi_datastructures_pub.instance_rec
 ,p_copy_ext_attribs       IN          VARCHAR2 := fnd_api.g_false
 ,p_copy_org_assignments   IN          VARCHAR2 := fnd_api.g_false
 ,p_copy_parties           IN          VARCHAR2 := fnd_api.g_false
 ,p_copy_party_contacts    IN          VARCHAR2 := fnd_api.g_false
 ,p_copy_accounts          IN          VARCHAR2 := fnd_api.g_false
 ,p_copy_asset_assignments IN          VARCHAR2 := fnd_api.g_false
 ,p_copy_pricing_attribs   IN          VARCHAR2 := fnd_api.g_false
 ,p_txn_rec                IN  OUT     csi_datastructures_pub.transaction_rec
 ,x_new_instance_tbl           OUT     csi_datastructures_pub.instance_tbl
 ,x_return_status              OUT     VARCHAR2
 ,x_msg_count                  OUT     NUMBER
 ,x_msg_data                   OUT     VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–14   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level

p_source_instance_rec	instance_rec	Yes	instance id is required to pass in. Other instance attributes if passed will be used to override the attributes of the target instance after it is copied from the source instance.
p_copy_ext_attribs	VARCHAR2	No	Specify whether to copy the extended attribute values of the source instance to target instance or not. Default is fnd_api.g_false.
p_copy_org_ assignments	VARCHAR2	No	Specify whether to copy the organization unit assignments of the source instance to target instance or not. Default is fnd_api.g_ false.
p_copy_parties	VARCHAR2	No	Specify whether to copy the associated parties of the source instance to target instance or not. Default is fnd_api.g_false. This is applicable to all the parties except owner party. The owner party is copied regardless of the value of this flag. This is because the new instance cannot be created without an owner. After copy the ownership of the copied instance can be updated.
p_copy_party_contacts	VARCHAR2	No	Specify whether to copy the contact parties of the source instance to target instance or not. Default is fnd_api.g_ false. Each party can have a number of contacts associated with it. A contact itself is maintained in Install Base as a party but marked as a 'contact' in IB schema.

p_copy_accounts	VARCHAR2	No	Specify whether to copy the associated party accounts of the source instance to target instance or not. Default is fnd_api.g_false. This is applicable to all the account except the owner account of the owner party if it exist for the source instance. The owner account if it exist, is copied regardless of the value of this flag.
p_copy_asset_ assignments	VARCHAR2	No	Specify whether to copy the asset assignments of the source instance to target instance or not. Default is fnd_api.g_false.
p_copy_pricing_attribs	VARCHAR2		Specify whether to copy the pricing attributes of the source instance to target instance or not. Default is fnd_api.g_false.
p_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–15   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
x_new_instance_tbl	instance _tbl	table containing the information about the instance copied from the source instance.
p_transaction_rec	transaction_rec	transaction record
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.3 Package CSI_INSTANCE_RELATIONSHIPS_PUB

Contains all APIs for instance-to-instance relationships management.

Create_Relationship

Update_Relationship

Expire_Relationship

Get_Relationship

1.3.1 Create_Relationship

```
PROCEDURE create_relationship(
 p_api_version             IN     NUMBER,
 p_commit                  IN     VARCHAR2   := fnd_api.g_false,
 p_init_msg_list           IN     VARCHAR2   := fnd_api.g_false,
 p_validation_level        IN     NUMBER     := fnd_api.g_valid_level_full,
 p_relationship_tbl        IN OUT csi_datastructures_pub.ii_relationship_tbl,
 p_txn_rec                 IN OUT csi_datastructures_pub.transaction_rec,
 x_return_status           OUT    VARCHAR2,
 x_msg_count               OUT    NUMBER,
 x_msg_data                 OUT    VARCHAR2
 );
```

Current Version
1.0

Parameter Descriptions
The following table describes the IN parameters associated with this API.

Table 1–16   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version

p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_relationship_tbl	ii_relationship_tbl	Yes	table of records for instance-to-instance relationships to be created.
p_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–17   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_transaction_rec	transaction_rec	transaction record
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.3.2 Update_Relationship

```
PROCEDURE update_relationship
 (
  p_api_version            IN  NUMBER,
  p_commit                 IN  VARCHAR2 := fnd_api.g_false,
  p_init_msg_list          IN  VARCHAR2 := fnd_api.g_false,
  p_validation_level       IN  NUMBER   := fnd_api.g_valid_level_full,
  p_relationship_tbl       IN      csi_datastructures_pub.ii_relationship_tbl,
  p_txn_rec                IN  OUT csi_datastructures_pub.transaction_rec,
  x_return_status          OUT VARCHAR2,
  x_msg_count              OUT NUMBER,
  x_msg_data               OUT VARCHAR2
 );
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–18   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_relationship_tbl	ii_relationship_tbl	Yes	table of records for instance-to-instance relationships to be updated.
p_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–19   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_transaction_rec	transaction_rec	transaction record
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.3.3 Expire_Relationship

```
PROCEDURE expire_relationship
```

```
(
  p_api_version              IN  NUMBER,
  p_commit                   IN  VARCHAR2         := fnd_api.g_false,
  p_init_msg_list            IN  VARCHAR2          := fnd_api.g_false,
  p_validation_level         IN  NUMBER    := fnd_api.g_valid_level_full,
  p_relationship_rec         IN  csi_datastructures_pub.ii_relationship_rec,
  p_txn_rec                  IN  OUT csi_datastructures_pub.transaction_rec,
  x_instance_id_lst          OUT csi_datastructures_pub.id_tbl,
  x_return_status            OUT VARCHAR2,
  x_msg_count                OUT NUMBER,
  x_msg_data                 OUT VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–20   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_relationship_rec	ii_relationship_rec	Yes	instance-to-instance relationship record to be expired.
P_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–21   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
x_instance_id_lst	id_tbl	list of instance ids affected as a result of expiring this relationship.
p_transaction_rec	transaction_rec	transaction record
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.3.4 Get_Relationship

```
PROCEDURE get_relationships
 (
  p_api_version             IN  NUMBER,
  p_commit                  IN  VARCHAR2 := fnd_api.g_false,
  p_init_msg_list           IN  VARCHAR2 := fnd_api.g_false,
  p_validation_level        IN  NUMBER  := fnd_api.g_valid_level_full,
  p_relationship_query_rec  IN  csi_datastructures_pub.relationship_query_rec,
  p_depth                   IN  NUMBER,
  p_time_stamp              IN  DATE,
  p_active_relationship_only IN  VARCHAR2 := fnd_api.g_false,
  x_relationship_tbl        OUT csi_datastructures_pub.ii_relationship_tbl,
  x_return_status           OUT VARCHAR2,
  x_msg_count               OUT NUMBER,
  x_msg_data                OUT VARCHAR2
 );
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–22   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_relationship_query_ rec	relationship_query_rec	Yes	record containing query columns for instance-to-instance relationship record.
p_depth	NUMBER	Yes	
p_time_stamp	DATE	No	
p_active_relationship_ only	VARCHAR2	No	

The following table describes the OUT parameters associated with this API.

Table 1–23   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
x_relationship_tbl	ii_relationship_tbl	table of instance-to-instance relationships satisfying the query criteria.
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.4 Package CSI_SYSTEMS_PUB

Contains all APIs for instance-to-instance relationships management.

Create_System

Update_System

Expire_System

Get_Systems

1.4.1 Create_System

```
PROCEDURE create_system(
 p_api_version              IN     NUMBER,
 p_commit                   IN     VARCHAR2    := fnd_api.g_false,
 p_init_msg_list            IN     VARCHAR2    := fnd_api.g_false,
 p_validation_level         IN     NUMBER   := fnd_api.g_valid_level_full,
 p_system_rec               IN     csi_datastructures_pub.system_rec,
 p_txn_rec                  IN OUT csi_datastructures_pub.transaction_rec,
 x_system_id                OUT    NUMBER,
 x_return_status            OUT    VARCHAR2,
 x_msg_count                OUT    NUMBER,
 x_msg_data                 OUT    VARCHAR2
 );
```

Current Version
1.0

Parameter Descriptions
The following table describes the IN parameters associated with this API.

Table 1–24   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required

p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_system_rec	system_rec	Yes	record containing information about the system to be created.
p_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–25   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_transaction_rec	transaction_rec	transaction record
x_system_id	NUMBER	Id of the system created
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.4.2 Update_System

```
PROCEDURE update_system(
p_api_version            IN   NUMBER,
p_commit                 IN   VARCHAR2     := fnd_api.g_false,
p_init_msg_list          IN   VARCHAR2     := fnd_api.g_false,
p_validation_level       IN   NUMBER       := fnd_api.g_valid_level_full,
p_system_rec             IN   csi_datastructures_pub.system_rec,
p_txn_rec                IN OUT csi_datastructures_pub.transaction_rec,
x_return_status          OUT  VARCHAR2,
x_msg_count              OUT  NUMBER,
x_msg_data               OUT  VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–26   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_system_rec	system_rec	Yes	record containing information about the system to be updated.
p_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–27   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_transaction_rec	transaction_rec	transaction record
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.4.3 Expire_System

```
PROCEDURE expire_system
(
 p_api_version                IN     NUMBER,
 p_commit                     IN     VARCHAR2   := FND_API.G_FALSE,
 p_init_msg_list              IN     VARCHAR2   := FND_API.G_FALSE,
 p_validation_level           IN     NUMBER     := FND_API.G_VALID_LEVEL_FULL,
 p_system_rec                 IN     csi_datastructures_pub.system_rec,
 p_txn_rec                    IN OUT csi_datastructures_pub.transaction_rec,
 x_instance_id_lst            OUT    csi_datastructures_pub.id_tbl,
 x_return_status              OUT    VARCHAR2,
 x_msg_count                  OUT    NUMBER,
 x_msg_data                   OUT    VARCHAR2
);
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–28   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_system_rec	system_rec	Yes	record containing information about the system to be expired.
p_transaction_rec	transaction_rec	No	transaction record

The following table describes the OUT parameters associated with this API.

Table 1–29   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
p_transaction_rec	transaction_rec	transaction record
x_instance_id_lst	id_tbl	List of instances affected by expiring this system
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.4.4 Get_System

```
PROCEDURE get_systems
 (
 p_api_version          IN  NUMBER,
 p_commit               IN  VARCHAR2              := fnd_api.g_false,
 p_init_msg_list        IN  VARCHAR2              := fnd_api.g_false,
 p_validation_level     IN  NUMBER                := fnd_api.g_valid_level_full,
 p_system_query_rec     IN  csi_datastructures_pub.system_query_rec,
 p_time_stamp           IN  DATE,
 p_active_systems_only  IN  VARCHAR2 := fnd_api.g_false,
 x_systems_tbl          OUT csi_datastructures_pub.systems_tbl,
 x_return_status        OUT VARCHAR2,
 x_msg_count            OUT NUMBER,
 x_msg_data             OUT VARCHAR2
 );
```

Current Version

1.0

Parameter Descriptions

The following table describes the IN parameters associated with this API.

Table 1–30   Expire_Item_Instance IN Parameters

Parameter	Data Type	Required	Descriptions and Validations
p_api_version	NUMBER	No	Current API version
p_commit	VARCHAR2	No	Commit by API required
p_init_msg_list	VARCHAR2	No	Initialize message list
p_validation_level	NUMBER	No	Validation level
p_system_query_rec	system_query_rec	Yes	record containing the columns to query systems.
p_time_stamp	DATE	No	
p_active_systems_only	VARCHAR2	No	Whether to query expired systems or not.

The following table describes the OUT parameters associated with this API.

Table 1–31   Expire_Item_Instance Out Parameters

Parameter	Data Type	Descriptions
x_systems_tbl	system_tbl	List of systems satisfying the query criteria.
x_return_status	VARCHAR2	API return status
x_msg_count	VARCHAR2	API output message count
x_msg_data	VARCHAR2	API output messages

1.5 Data Structure Specifications

The following data structures are used in <Public API 1>:

List data structures

...

...

1.5.1 party_account_query_rec

Record to hold item instance information.

Record Specification

```
TYPE party_account_query_rec IS RECORD
(
  ip_account_id                NUMBER        :=  FND_API.G_MISS_NUM,
  instance_party_id            NUMBER        :=  FND_API.G_MISS_NUM,
  party_account_id             NUMBER        :=  FND_API.G_MISS_NUM,
  relationship_type_code       VARCHAR2(30)  :=  FND_API.G_MISS_CHAR
);
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–32   party_account_query_rec Parameters

Parameter	Data Type	Description
ip_account_id	NUMBER	FND_API.G_MISS_NUM
instance_party_id	NUMBER	FND_API.G_MISS_NUM
party_account_id	NUMBER	FND_API.G_MISS_NUM
relationship_type_code	VARCHAR2(30)	FND_API.G_MISS_CHAR

1.5.2 party_account_rec

Record to hold item party accounts information.

Record Specification

```
TYPE party_account_rec IS RECORD
(
 ip_account_id  NUMBER          ,  FND_API.G_MISS_NUM,
 parent_tbl_index             NUMBER          ,  FND_API.G_MISS_NUM,
 instance_party_id            NUMBER          ,  FND_API.G_MISS_NUM,
```

```
                party_account_id            NUMBER        ,  FND_API.G_MISS_NUM,
                relationship_type_code      VARCHAR2(30)  ,  FND_API.G_MISS_CHAR,
                bill_to_address             NUMBER        ,  FND_API.G_MISS_NUM,
                ship_to_address             NUMBER        ,  FND_API.G_MISS_NUM,
                active_start_date           DATE          ,  FND_API.G_MISS_DATE,
                active_end_date             DATE          ,  FND_API.G_MISS_DATE,
                context                     VARCHAR2(30)  ,  FND_API.G_MISS_CHAR,
                attribute1                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute2                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute3                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute4                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute5                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute6                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute7                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute8                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute9                  VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute10                 VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute11                 VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute12                 VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute13                 VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute14                 VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                attribute15                 VARCHAR2(150) ,  FND_API.G_MISS_CHAR,
                object_version_number       NUMBER        ,  FND_API.G_MISS_NUM
);

TYPE party_account_tbl IS TABLE OF party_account_rec INDEX BY BINARY_INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–33   party_account_rec Parameters

Parameter	Data Type	Description
ip_account_id	NUMBER	FND_API.G_MISS_NUM
parent_tbl_index	NUMBER	FND_API.G_MISS_NUM
instance_party_id	NUMBER	FND_API.G_MISS_NUM
party_account_id	NUMBER	FND_API.G_MISS_NUM

relationship_type_code	VARCHAR2(30)	FND_API.G_MISS_CHAR
ill_to_address	NUMBER	FND_API.G_MISS_NUM
ship_to_address	NUMBER	FND_API.G_MISS_NUM
active_start_date	DATE	FND_API.G_MISS_DATE
active_end_date	DATE	FND_API.G_MISS_DATE
context	VARCHAR2(30)	FND_API.G_MISS_CHAR
attribute1	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute2	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute3	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute4	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute5	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute6	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute7	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute8	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute9	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute10	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute11	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute12	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute13	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute14	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute15	VARCHAR2(150)	FND_API.G_MISS_CHAR
object_version_number	NUMBER NUM	FND_API.G_MISS_

```
        );

        TYPE party_account_tbl IS TABLE OF party_account_rec INDEX BY BINARY_INTEGER;
```

1.5.3 party_query_rec

Record to hold item instance information.

Record Specification

```
TYPE party_query_rec IS RECORD
 (
  instance_party_id              NUMBER         :=  FND_API.G_MISS_NUM,
  instance_id                    NUMBER         :=  FND_API.G_MISS_NUM,
  party_id                       NUMBER         :=  FND_API.G_MISS_NUM,
  relationship_type_code         VARCHAR2(30)   :=  FND_API.G_MISS_CHAR
  );
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–34   party_query_rec Parameters

Parameter	Data Type	Description
instance_party_id	NUMBER	FND_API.G_MISS_NUM
instance_id	NUMBER	FND_API.G_MISS_NUM
party_id	NUMBER	FND_API.G_MISS_NUM
relationship_type_code	VARCHAR2(30)	FND_API.G_MISS_CHAR

1.5.4 party_rec

Record to hold item instance information.

Record Specification

```
TYPE party_rec IS RECORD
 (
  instance_party_id              NUMBER         :=  FND_API.G_MISS_NUM,
  instance_id                    NUMBER         :=  FND_API.G_MISS_NUM,
  party_source_table            VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
  party_id                       NUMBER         :=  FND_API.G_MISS_NUM,
```

```
                relationship_type_code      VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
                contact_flag                VARCHAR2(1)    :=  FND_API.G_MISS_CHAR,
                contact_ip_id               NUMBER         :=  FND_API.G_MISS_NUM,
                primary_flag                VARCHAR2(1)    :=  FND_API.G_MISS_CHAR,
                preferred_flag              VARCHAR2(1)    :=  FND_API.G_MISS_CHAR
                active_start_date           DATE           :=  FND_API.G_MISS_DATE,
                active_end_date             DATE           :=  FND_API.G_MISS_DATE,
                context                     VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
                attribute1                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute2                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute3                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute4                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute5                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute6                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute7                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute8                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute9                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute10                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute11                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute12                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute13                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute14                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                attribute15                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
                object_version_number       NUMBER         :=  FND_API.G_MISS_NUM
                );

                TYPE party_tbl IS TABLE OF party_rec INDEX BY BINARY_INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–35   party_account_query_rec Parameters

Parameter	Data Type	Description
instance_party_id	NUMBER	FND_API.G_MISS_NUM
instance_id	NUMBER	FND_API.G_MISS_NUM
party_source_table	VARCHAR2(30)	FND_API.G_MISS_CHAR
party_id	NUMBER	FND_API.G_MISS_NUM

relationship_type_code	VARCHAR2(30)	FND_API.G_MISS_CHAR
contact_flag	VARCHAR2(1)	FND_API.G_MISS_CHAR
contact_ip_id	NUMBER	FND_API.G_MISS_NUM
primary_flag	VARCHAR2(1)	FND_API.G_MISS_CHAR
preferred_flag	VARCHAR2(1)	FND_API.G_MISS_CHAR
active_start_date	DATE	FND_API.G_MISS_DATE
active_end_date	DATE	FND_API.G_MISS_DATE
context	VARCHAR2(30)	FND_API.G_MISS_CHAR
attribute1	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute2	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute3	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute4	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute5	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute6	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute7	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute8	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute9	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute10	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute11	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute12	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute13	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute14	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute15	VARCHAR2(150)	FND_API.G_MISS_CHAR
object_version_number	NUMBER	FND_API.G_MISS_NUM

1.5.5 party_header_rec

Record to hold item instance information.

Record Specification

```
TYPE party_header_rec IS RECORD
(
instance_party_id              NUMBER          :=  FND_API.G_MISS_NUM,
instance_id                    NUMBER          :=  FND_API.G_MISS_NUM,
party_source_table             VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
party_id                       NUMBER          :=  FND_API.G_MISS_NUM,
relationship_type_code         VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
contact_flag                   VARCHAR2(1)     :=  FND_API.G_MISS_CHAR,
contact_ip_id                  NUMBER          :=  FND_API.G_MISS_NUM,
party_number                   VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
party_name                     VARCHAR2(360)   :=  FND_API.G_MISS_CHAR,
party_type                     VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
active_start_date              DATE            :=  FND_API.G_MISS_DATE,
ative_end_date                 DATE            :=  FND_API.G_MISS_DATE,
context                        VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
attribute1                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute2                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute3                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute4                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute5                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute6                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute7                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute8                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute9                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute10                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute11                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute12                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute13                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute14                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
attribute15                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
object_version_number          NUMBER          :=  FND_API.G_MISS_NUM,
address1                       VARCHAR2(240)   :=  FND_API.G_MISS_CHAR,
address2                       VARCHAR2(240)   :=  FND_API.G_MISS_CHAR,
address3                       VARCHAR2(240)   :=  FND_API.G_MISS_CHAR,
address4                       VARCHAR2(240)   :=  FND_API.G_MISS_CHAR,
city                           VARCHAR2(60)    :=  FND_API.G_MISS_CHAR,
state                          VARCHAR2(60)    :=  FND_API.G_MISS_CHAR,
postal_code                    VARCHAR2(60)    :=  FND_API.G_MISS_CHAR,
```

```
country                         VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
work_phone_number               VARCHAR2(85)   :=  FND_API.G_MISS_CHAR,
email_address                   VARCHAR2(2000) :=  FND_API.G_MISS_CHAR,
primary_flag                    VARCHAR2(1)    :=  FND_API.G_MISS_CHAR,
preferred_flag                  VARCHAR2(1)    :=  FND_API.G_MISS_CHAR
);

TYPE party_header_tbl IS TABLE OF party_header_rec INDEX BY BINARY_INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–36   party_account_query_rec Parameters

Parameter	Data Type	Description
instance_party_id	NUMBER	FND_API.G_MISS_NUM
instance_id	NUMBER	FND_API.G_MISS_NUM
party_source_table	VARCHAR2(30)	FND_API.G_MISS_CHAR
party_id	NUMBER	FND_API.G_MISS_NUM
relationship_type_code	VARCHAR2(30)	FND_API.G_MISS_CHAR
contact_flag	VARCHAR2(1)	FND_API.G_MISS_CHAR
contact_ip_id	NUMBER	FND_API.G_MISS_NUM
party_number	VARCHAR2(30)	FND_API.G_MISS_CHAR
party_name	VARCHAR2(360)	FND_API.G_MISS_CHAR
party_type	VARCHAR2(30)	FND_API.G_MISS_CHAR
active_start_date	DATE	FND_API.G_MISS_DATE
ative_end_date	DATE	FND_API.G_MISS_DATE
address1	VARCHAR2(240)	FND_API.G_MISS_CHAR
address2	VARCHAR2(240)	FND_API.G_MISS_CHAR
address3	VARCHAR2(240)	FND_API.G_MISS_CHAR

address4	VARCHAR2(240)	FND_API.G_MISS_CHAR
city	VARCHAR2(60)	FND_API.G_MISS_CHAR
state	VARCHAR2(60)	FND_API.G_MISS_CHAR
postal_code	VARCHAR2(60)	FND_API.G_MISS_CHAR
country	VARCHAR2(60)	FND_API.G_MISS_CHAR
work_phone_number	VARCHAR2(85)	FND_API.G_MISS_CHAR
email_address	VARCHAR2(2000)	FND_API.G_MISS_CHAR
primary_flag	VARCHAR2(1)	FND_API.G_MISS_CHAR
preferred_flag	VARCHAR2(1)	FND_API.G_MISS_CHAR
context	VARCHAR2(30)	FND_API.G_MISS_CHAR
attribute1	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute2	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute3	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute4	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute5	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute6	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute7	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute8	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute9	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute10	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute11	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute12	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute13	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute14	VARCHAR2(150)	FND_API.G_MISS_CHAR
attribute15	VARCHAR2(150)	FND_API.G_MISS_CHAR
object_version_number	NUMBER	FND_API.G_MISS_NUM

1.5.6 instance_rec

Record to hold item instance information.

Record Specification

```
TYPE instance_rec is RECORD
(
 INSTANCE_ID                    NUMBER        :=  FND_API.G_MISS_NUM,
 INSTANCE_NUMBER                VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 EXTERNAL_REFERENCE             VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 INVENTORY_ITEM_ID              NUMBER        :=  FND_API.G_MISS_NUM,
 VLD_ORGANIZATION_ID            NUMBER        :=  FND_API.G_MISS_NUM,
 INVENTORY_REVISION             VARCHAR2(3)   :=  FND_API.G_MISS_CHAR,
 INV_MASTER_ORGANIZATION_ID     NUMBER        :=  FND_API.G_MISS_NUM,
 SERIAL_NUMBER                  VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 MFG_SERIAL_NUMBER_FLAG         VARCHAR2(1)   :=  FND_API.G_MISS_CHAR,
 LOT_NUMBER                     VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 QUANTITY                       NUMBER        :=  FND_API.G_MISS_NUM,
 UNIT_OF_MEASURE                VARCHAR2(3)   :=  FND_API.G_MISS_CHAR,
 ACCOUNTING_CLASS_CODE       VARCHAR2(10)  := FND_API.G_MISS_CHAR,
INSTANCE_CONDITION_ID           NUMBER        :=  FND_API.G_MISS_NUM,
 INSTANCE_STATUS_ID             NUMBER        :=  FND_API.G_MISS_NUM,
 CUSTOMER_VIEW_FLAG             VARCHAR2(1)   :=  FND_API.G_MISS_CHAR,
 MERCHANT_VIEW_FLAG             VARCHAR2(1)   :=  FND_API.G_MISS_CHAR,
 SELLABLE_FLAG                  VARCHAR2(1)   :=  FND_API.G_MISS_CHAR,
 SYSTEM_ID                      NUMBER        :=  FND_API.G_MISS_NUM,
 INSTANCE_TYPE_CODE             VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 ACTIVE_START_DATE              DATE          :=  FND_API.G_MISS_DATE,
 ACTIVE_END_DATE                DATE          :=  FND_API.G_MISS_DATE,
 LOCATION_TYPE_CODE             VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 LOCATION_ID                    NUMBER        :=  FND_API.G_MISS_NUM,
 INV_ORGANIZATION_ID            NUMBER        :=  FND_API.G_MISS_NUM,
 INV_SUBINVENTORY_NAME          VARCHAR2(10)  :=  FND_API.G_MISS_CHAR,
 INV_LOCATOR_ID                 NUMBER        :=  FND_API.G_MISS_NUM,
 PA_PROJECT_ID                  NUMBER        :=  FND_API.G_MISS_NUM,
 PA_PROJECT_TASK_ID             NUMBER        :=  FND_API.G_MISS_NUM,
 IN_TRANSIT_ORDER_LINE_ID       NUMBER        :=  FND_API.G_MISS_NUM,
 WIP_JOB_ID                     NUMBER        :=  FND_API.G_MISS_NUM,
 PO_ORDER_LINE_ID               NUMBER        :=  FND_API.G_MISS_NUM,
 LAST_OE_ORDER_LINE_ID          NUMBER        :=  FND_API.G_MISS_NUM,
 LAST_OE_RMA_LINE_ID            NUMBER        :=  FND_API.G_MISS_NUM,
 LAST_PO_PO_LINE_ID             NUMBER        :=  FND_API.G_MISS_NUM,
 LAST_OE_PO_NUMBER              VARCHAR2(50)  :=  FND_API.G_MISS_CHAR,
 LAST_WIP_JOB_ID                NUMBER        :=  FND_API.G_MISS_NUM,
```

```
LAST_PA_PROJECT_ID              NUMBER         := FND_API.G_MISS_NUM,
LAST_PA_TASK_ID                 NUMBER         := FND_API.G_MISS_NUM,
LAST_OE_AGREEMENT_ID            NUMBER         := FND_API.G_MISS_NUM,
INSTALL_DATE                    DATE           := FND_API.G_MISS_DATE,
MANUALLY_CREATED_FLAG           VARCHAR2(1)    := FND_API.G_MISS_CHAR,
RETURN_BY_DATE                  DATE           := FND_API.G_MISS_DATE,
ACTUAL_RETURN_DATE              DATE           := FND_API.G_MISS_DATE,
CREATION_COMPLETE_FLAG          VARCHAR2(1)    := FND_API.G_MISS_CHAR,
COMPLETENESS_FLAG               VARCHAR2(1)    := FND_API.G_MISS_CHAR,
VERSION_LABEL                   VARCHAR2(240)  := FND_API.G_MISS_CHAR,
VERSION_LABEL_DESCRIPTION       VARCHAR2(240)  := FND_API.G_MISS_CHAR,
LAST_TXN_LINE_DETAIL_ID         NUMBER         := FND_API.G_MISS_NUM,
INSTALL_LOCATION_TYPE_CODE      VARCHAR2(30)   := FND_API.G_MISS_CHAR,
INSTALL_LOCATION_ID             NUMBER         := FND_API.G_MISS_NUM,
INSTANCE_USAGE_CODE             VARCHAR2(30)   := FND_API.G_MISS_CHAR
CONTEXT                         VARCHAR2(30)   := FND_API.G_MISS_CHAR,
ATTRIBUTE1                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE2                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE3                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE4                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE5                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE6                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE7                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE8                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE9                      VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE10                     VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE11                     VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE12                     VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE13                     VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE14                     VARCHAR2(150)  := FND_API.G_MISS_CHAR,
ATTRIBUTE15                     VARCHAR2(150)  := FND_API.G_MISS_CHAR,
OBJECT_VERSION_NUMBER           NUMBER         := FND_API.G_MISS_NUM,
);

TYPE instance_tbl is TABLE OF instance_rec INDEX BY BINARY_INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–37   party_account_query_rec Parameters

Parameter	Data Type	Description
INSTANCE_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
EXTERNAL_REFERENCE	VARCHAR2(30)	FND_API.G_MISS_CHAR
INVENTORY_ITEM_ID	NUMBER	FND_API.G_MISS_NUM
VLD_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
INVENTORY_REVISION	VARCHAR2(3)	FND_API.G_MISS_CHAR
INV_MASTER_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
SERIAL_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
MFG_SERIAL_NUMBER_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
LOT_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
QUANTITY	NUMBER	FND_API.G_MISS_NUM
UNIT_OF_MEASURE	VARCHAR2(3)	FND_API.G_MISS_CHAR
ACCOUNTING_CLASS_CODE	VARCHAR2(10)	FND_API.G_MISS_CHAR
INSTANCE_CONDITION_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_STATUS_ID	NUMBER	FND_API.G_MISS_NUM
CUSTOMER_VIEW_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
MERCHANT_VIEW_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
SELLABLE_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
SYSTEM_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
ACTIVE_START_DATE	DATE	FND_API.G_MISS_DATE
ACTIVE_END_DATE	DATE	FND_API.G_MISS_DATE
LOCATION_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
LOCATION_ID	NUMBER	FND_API.G_MISS_NUM

INV_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
INV_SUBINVENTORY_NAME	VARCHAR2(10)	FND_API.G_MISS_CHAR
INV_LOCATOR_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_TASK_ID	NUMBER	FND_API.G_MISS_NUM
IN_TRANSIT_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
WIP_JOB_ID	NUMBER	FND_API.G_MISS_NUM
PO_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_RMA_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PO_PO_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_PO_NUMBER	VARCHAR2(50)	FND_API.G_MISS_CHAR
LAST_WIP_JOB_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PA_PROJECT_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PA_TASK_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_AGREEMENT_ID	NUMBER	FND_API.G_MISS_NUM
INSTALL_DATE	DATE	FND_API.G_MISS_DATE
MANUALLY_CREATED_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
RETURN_BY_DATE	DATE	FND_API.G_MISS_DATE
ACTUAL_RETURN_DATE	DATE	FND_API.G_MISS_DATE
CREATION_COMPLETE_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
COMPLETENESS_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
VERSION_LABEL	VARCHAR2(240)	FND_API.G_MISS_CHAR
VERSION_LABEL_DESCRIPTION	VARCHAR2(240)	FND_API.G_MISS_CHAR
LAST_TXN_LINE_DETAIL_ID	NUMBER	FND_API.G_MISS_NUM
INSTALL_LOCATION_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR

INSTALL_LOCATION_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_USAGE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
CONTEXT	VARCHAR2(30)	FND_API.G_MISS_CHAR
ATTRIBUTE1	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE2	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE3	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE4	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE5	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE6	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE7	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE8	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE9	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE10	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE11	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE12	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE13	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE14	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE15	VARCHAR2(150)	FND_API.G_MISS_CHAR
OBJECT_VERSION_NUMBER	NUMBER	FND_API.G_MISS_NUM

1.5.7 instance_query_rec

Record to hold item instance information.

Record Specification

```
TYPE instance_query_rec is RECORD
(
 INSTANCE_ID                  NUMBER      :=  FND_API.G_MISS_NUM,
 INVENTORY_ITEM_ID            NUMBER      :=  FND_API.G_MISS_NUM,
```

```
          INVENTORY_REVISION              VARCHAR2(3)    :=  FND_API.G_MISS_CHAR,
          INV_MASTER_ORGANIZATION_ID      NUMBER         :=  FND_API.G_MISS_NUM,
          SERIAL_NUMBER                   VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
          LOT_NUMBER                      VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
          UNIT_OF_MEASURE                 VARCHAR2(3)    :=  FND_API.G_MISS_CHAR,
          INSTANCE_CONDITION_ID           NUMBER         :=  FND_API.G_MISS_NUM,
          INSTANCE_STATUS_ID              NUMBER         :=  FND_API.G_MISS_NUM,
          SYSTEM_ID                       NUMBER         :=  FND_API.G_MISS_NUM,
          INSTANCE_TYPE_CODE              VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
          LOCATION_TYPE_CODE              VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
          LOCATION_ID                     NUMBER         :=  FND_API.G_MISS_NUM,
          INV_ORGANIZATION_ID             NUMBER         :=  FND_API.G_MISS_NUM,
          INV_SUBINVENTORY_NAME           VARCHAR2(10)   :=  FND_API.G_MISS_CHAR,
          INV_LOCATOR_ID                  NUMBER         :=  FND_API.G_MISS_NUM,
          PA_PROJECT_ID                   NUMBER         :=  FND_API.G_MISS_NUM,
          PA_PROJECT_TASK_ID              NUMBER         :=  FND_API.G_MISS_NUM,
          IN_TRANSIT_ORDER_LINE_ID        NUMBER         :=  FND_API.G_MISS_NUM,
          WIP_JOB_ID                      NUMBER         :=  FND_API.G_MISS_NUM,
          PO_ORDER_LINE_ID                NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_OE_ORDER_LINE_ID           NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_OE_RMA_LINE_ID             NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_PO_PO_LINE_ID              NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_OE_PO_NUMBER               VARCHAR2(50)   :=  FND_API.G_MISS_CHAR,
          LAST_WIP_JOB_ID                 NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_PA_PROJECT_ID              NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_PA_TASK_ID                 NUMBER         :=  FND_API.G_MISS_NUM,
          LAST_OE_AGREEMENT_ID            NUMBER         :=  FND_API.G_MISS_NUM,
          INSTALL_DATE                    DATE           :=  FND_API.G_MISS_DATE,
          MANUALLY_CREATED_FLAG           VARCHAR2(1)    :=  FND_API.G_MISS_CHAR,
          RETURN_BY_DATE                  DATE           :=  FND_API.G_MISS_DATE,
          ACTUAL_RETURN_DATE              DATE           :=  FND_API.G_MISS_DATE,
          INSTANCE_USAGE_CODE             VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
          QUERY_UNITS_ONLY                VARCHAR2(1)    :=  FND_API.G_MISS_CHAR
);
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–38   party_account_query_rec Parameters

Parameter	Data Type	Description
INSTANCE_ID	NUMBER	FND_API.G_MISS_NUM
INVENTORY_ITEM_ID	NUMBER	FND_API.G_MISS_NUM
INVENTORY_REVISION	VARCHAR2(3)	FND_API.G_MISS_CHAR
INV_MASTER_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
SERIAL_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
LOT_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
UNIT_OF_MEASURE	VARCHAR2(3)	FND_API.G_MISS_CHAR
INSTANCE_CONDITION_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_STATUS_ID	NUMBER	FND_API.G_MISS_NUM
SYSTEM_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
LOCATION_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
LOCATION_ID	NUMBER	FND_API.G_MISS_NUM
INV_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
INV_SUBINVENTORY_NAME	VARCHAR2(10)	FND_API.G_MISS_CHAR
INV_LOCATOR_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_TASK_ID	NUMBER	FND_API.G_MISS_NUM
IN_TRANSIT_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
WIP_JOB_ID	NUMBER	FND_API.G_MISS_NUM
PO_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_RMA_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PO_PO_LINE_ID	NUMBER	FND_API.G_MISS_NUM

LAST_OE_PO_NUMBER	VARCHAR2(50)	FND_API.G_MISS_CHAR
LAST_WIP_JOB_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PA_PROJECT_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PA_TASK_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_AGREEMENT_ID	NUMBER	FND_API.G_MISS_NUM
INSTALL_DATE	DATE	FND_API.G_MISS_DATE
MANUALLY_CREATED_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
RETURN_BY_DATE	DATE	FND_API.G_MISS_DATE
ACTUAL_RETURN_DATE	DATE	FND_API.G_MISS_DATE
INSTANCE_USAGE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
QUERY_UNITS_ONLY	VARCHAR2(1)	FND_API.G_MISS_CHAR

1.5.8 instance_header_rec

Record to hold item instance information.

Record Specification

```
TYPE instance_header_rec is RECORD
  (
  INSTANCE_ID                  NUMBER        := FND_API.G_MISS_NUM,
  INSTANCE_NUMBER              VARCHAR2(30)  := FND_API.G_MISS_CHAR,
  EXTERNAL_REFERENCE           VARCHAR2(30)  := FND_API.G_MISS_CHAR,
  INVENTORY_ITEM_ID            NUMBER        := FND_API.G_MISS_NUM,
  INVENTORY_REVISION           VARCHAR2(3)   := FND_API.G_MISS_CHAR,
  INV_MASTER_ORGANIZATION_ID   NUMBER        := FND_API.G_MISS_NUM,
  SERIAL_NUMBER                VARCHAR2(30)  := FND_API.G_MISS_CHAR,
  MFG_SERIAL_NUMBER_FLAG       VARCHAR2(1)   := FND_API.G_MISS_CHAR,
  LOT_NUMBER                   VARCHAR2(30)  := FND_API.G_MISS_CHAR,
  QUANTITY                     NUMBER        := FND_API.G_MISS_NUM,
  UNIT_OF_MEASURE_NAME         VARCHAR2(30)  := FND_API.G_MISS_CHAR,
  UNIT_OF_MEASURE              VARCHAR2(3)   := FND_API.G_MISS_CHAR,
  ACCOUNTING_CLASS             VARCHAR2(30)  := FND_API.G_MISS_CHAR,
```

```
                    ACCOUNTING_CLASS_CODE          VARCHAR2(10)  := FND_API.G_MISS_CHAR,
                    INSTANCE_CONDITION             VARCHAR2(80)  := FND_API.G_MISS_CHAR,
                    INSTANCE_CONDITION_ID          NUMBER        := FND_API.G_MISS_NUM,
                    INSTANCE_STATUS                VARCHAR2(50)  := FND_API.G_MISS_CHAR,
                    INSTANCE_STATUS_ID             NUMBER        := FND_API.G_MISS_NUM,
                    CUSTOMER_VIEW_FLAG             VARCHAR2(1)   := FND_API.G_MISS_CHAR,
                    MERCHANT_VIEW_FLAG             VARCHAR2(1)   := FND_API.G_MISS_CHAR,
                    SELLABLE_FLAG                  VARCHAR2(1)   := FND_API.G_MISS_CHAR,
                    SYSTEM_ID                      NUMBER        := FND_API.G_MISS_NUM,
                    SYSTEM_NAME                    VARCHAR2(30)  := FND_API.G_MISS_CHAR,
                    INSTANCE_TYPE_CODE             VARCHAR2(30)  := FND_API.G_MISS_CHAR,
                    INSTANCE_TYPE_NAME             VARCHAR2(240) := FND_API.G_MISS_CHAR,
                    ACTIVE_START_DATE              DATE          := FND_API.G_MISS_DATE,
                    ACTIVE_END_DATE                DATE          := FND_API.G_MISS_DATE,
                    LOCATION_TYPE_CODE             VARCHAR2(30)  := FND_API.G_MISS_CHAR,
                    LOCATION_ID                    NUMBER        := FND_API.G_MISS_NUM,
                    INV_ORGANIZATION_ID            NUMBER        := FND_API.G_MISS_NUM,
                    INV_ORGANIZATION_NAME          VARCHAR2(60)  := FND_API.G_MISS_CHAR,
                    INV_SUBINVENTORY_NAME          VARCHAR2(10)  := FND_API.G_MISS_CHAR,
                    INV_LOCATOR_ID                 NUMBER        := FND_API.G_MISS_NUM,
                    PA_PROJECT_ID                  NUMBER        := FND_API.G_MISS_NUM,
                    PA_PROJECT_TASK_ID             NUMBER        := FND_API.G_MISS_NUM,
                    PA_PROJECT_NAME                VARCHAR2(30)  := FND_API.G_MISS_CHAR,
                    PA_PROJECT_NUMBER              VARCHAR2(25)  := FND_API.G_MISS_CHAR,
                    PA_TASK_NAME                   VARCHAR2(20)  := FND_API.G_MISS_CHAR,
                    PA_TASK_NUMBER                 VARCHAR2(25)  := FND_API.G_MISS_CHAR,
                    IN_TRANSIT_ORDER_LINE_ID       NUMBER        := FND_API.G_MISS_NUM,
                    IN_TRANSIT_ORDER_LINE_NUMBER   NUMBER        := FND_API.G_MISS_NUM,
                    IN_TRANSIT_ORDER_NUMBER        NUMBER        := FND_API.G_MISS_NUM,
                    WIP_JOB_ID                     NUMBER        := FND_API.G_MISS_NUM,
                    WIP_ENTITY_NAME                VARCHAR2(240) := FND_API.G_MISS_CHAR,
                    PO_ORDER_LINE_ID               NUMBER        := FND_API.G_MISS_NUM,
                    LAST_OE_ORDER_LINE_ID          NUMBER        := FND_API.G_MISS_NUM,
                    LAST_OE_RMA_LINE_ID            NUMBER        := FND_API.G_MISS_NUM,
                    LAST_PO_PO_LINE_ID             NUMBER        := FND_API.G_MISS_NUM,
                    LAST_OE_PO_NUMBER              VARCHAR2(50)  := FND_API.G_MISS_CHAR,
                    LAST_WIP_JOB_ID                NUMBER        := FND_API.G_MISS_NUM,
                    LAST_PA_PROJECT_ID             NUMBER        := FND_API.G_MISS_NUM,
                    LAST_PA_TASK_ID                NUMBER        := FND_API.G_MISS_NUM,
                    LAST_OE_AGREEMENT_ID           NUMBER        := FND_API.G_MISS_NUM,
                    INSTALL_DATE                   DATE          := FND_API.G_MISS_DATE,
                    MANUALLY_CREATED_FLAG          VARCHAR2(1)   := FND_API.G_MISS_CHAR,
                    RETURN_BY_DATE                 DATE          := FND_API.G_MISS_DATE,
                    ACTUAL_RETURN_DATE             DATE          := FND_API.G_MISS_DATE,
                    CREATION_COMPLETE_FLAG         VARCHAR2(1)   := FND_API.G_MISS_CHAR,
```

```
    COMPLETENESS_FLAG                VARCHAR2(1)    :=  FND_API.G_MISS_CHAR,
    CONTEXT                          VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE1                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE2                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE3                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE4                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE5                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE6                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE7                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE8                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE9                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE10                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE11                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE12                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE13                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE14                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    ATTRIBUTE15                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
    OBJECT_VERSION_NUMBER            NUMBER         :=  FND_API.G_MISS_NUM,
    LAST_TXN_LINE_DETAIL_ID          NUMBER         :=  FND_API.G_MISS_NUM,
    INSTALL_LOCATION_TYPE_CODE       VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
    INSTALL_LOCATION_ID              NUMBER         :=  FND_API.G_MISS_NUM,
    INSTANCE_USAGE_CODE              VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_ADDRESS1             VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_ADDRESS2             VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_ADDRESS3             VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_ADDRESS4             VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_CITY                 VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_STATE                VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_POSTAL_CODE          VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
    CURRENT_LOC_COUNTRY              VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
    SALES_ORDER_NUMBER               NUMBER         :=  FND_API.G_MISS_NUM,
    SALES_ORDER_LINE_NUMBER          NUMBER         :=  FND_API.G_MISS_NUM,
    SALES_ORDER_DATE                 DATE           :=  FND_API.G_MISS_DATE,
    PURCHASE_ORDER_NUMBER            VARCHAR2(50)   :=  FND_API.G_MISS_CHAR,
    INSTANCE_USAGE_NAME              VARCHAR2(80)   :=  FND_API.G_MISS_CHAR
);

TYPE instance_header_tbl is TABLE OF instance_header_rec INDEX BY BINARY_
INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

Table 1–39   party_account_query_rec Parameters

Parameter	Data Type	Description
INSTANCE_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
EXTERNAL_REFERENCE	VARCHAR2(30)	FND_API.G_MISS_CHAR
INVENTORY_ITEM_ID	NUMBER	FND_API.G_MISS_NUM
INVENTORY_REVISION	VARCHAR2(3)	FND_API.G_MISS_CHAR
INV_MASTER_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
SERIAL_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
MFG_SERIAL_NUMBER_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
LOT_NUMBER	VARCHAR2(30)	FND_API.G_MISS_CHAR
QUANTITY	NUMBER	FND_API.G_MISS_NUM
UNIT_OF_MEASURE_NAME	VARCHAR2(30)	FND_API.G_MISS_CHAR
UNIT_OF_MEASURE	VARCHAR2(3)	FND_API.G_MISS_CHAR
ACCOUNTING_CLASS	VARCHAR2(30)	FND_API.G_MISS_CHAR
ACCOUNTING_CLASS_CODE	VARCHAR2(10)	FND_API.G_MISS_CHAR
INSTANCE_CONDITION	VARCHAR2(80)	FND_API.G_MISS_CHAR
INSTANCE_CONDITION_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_STATUS	VARCHAR2(50)	FND_API.G_MISS_CHAR
INSTANCE_STATUS_ID	NUMBER	FND_API.G_MISS_NUM
CUSTOMER_VIEW_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
MERCHANT_VIEW_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
SELLABLE_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
SYSTEM_ID	NUMBER	FND_API.G_MISS_NUM
SYSTEM_NAME	VARCHAR2(30)	FND_API.G_MISS_CHAR
INSTANCE_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR

INSTANCE_TYPE_NAME	VARCHAR2(240)	FND_API.G_MISS_CHAR
ACTIVE_START_DATE	DATE	FND_API.G_MISS_DATE
ACTIVE_END_DATE	DATE	FND_API.G_MISS_DATE
LOCATION_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
LOCATION_ID	NUMBER	FND_API.G_MISS_NUM
INV_ORGANIZATION_ID	NUMBER	FND_API.G_MISS_NUM
INV_ORGANIZATION_NAME	VARCHAR2(60)	FND_API.G_MISS_CHAR
INV_SUBINVENTORY_NAME	VARCHAR2(10)	FND_API.G_MISS_CHAR
INV_LOCATOR_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_TASK_ID	NUMBER	FND_API.G_MISS_NUM
PA_PROJECT_NAME	VARCHAR2(30)	FND_API.G_MISS_CHAR
PA_PROJECT_NUMBER	VARCHAR2(25)	FND_API.G_MISS_CHAR
PA_TASK_NAME	VARCHAR2(20)	FND_API.G_MISS_CHAR
PA_TASK_NUMBER	VARCHAR2(25)	FND_API.G_MISS_CHAR
IN_TRANSIT_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
IN_TRANSIT_ORDER_LINE_NUMBER	NUMBER	FND_API.G_MISS_NUM
IN_TRANSIT_ORDER_NUMBER	NUMBER	FND_API.G_MISS_NUM
WIP_JOB_ID	NUMBER	FND_API.G_MISS_NUM
WIP_ENTITY_NAME	VARCHAR2(240)	FND_API.G_MISS_CHAR
PO_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_ORDER_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_RMA_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PO_PO_LINE_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_PO_NUMBER	VARCHAR2(50)	FND_API.G_MISS_CHAR
LAST_WIP_JOB_ID	NUMBER	FND_API.G_MISS_NUM

LAST_PA_PROJECT_ID	NUMBER	FND_API.G_MISS_NUM
LAST_PA_TASK_ID	NUMBER	FND_API.G_MISS_NUM
LAST_OE_AGREEMENT_ID	NUMBER	FND_API.G_MISS_NUM
INSTALL_DATE	DATE	FND_API.G_MISS_DATE
MANUALLY_CREATED_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
RETURN_BY_DATE	DATE	FND_API.G_MISS_DATE
ACTUAL_RETURN_DATE	DATE	FND_API.G_MISS_DATE
CREATION_COMPLETE_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
COMPLETENESS_FLAG	VARCHAR2(1)	FND_API.G_MISS_CHAR
CONTEXT	VARCHAR2(30)	FND_API.G_MISS_CHAR
ATTRIBUTE1	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE2	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE3	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE4	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE5	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE6	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE7	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE8	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE9	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE10	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE11	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE12	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE13	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE14	VARCHAR2(150)	FND_API.G_MISS_CHAR
ATTRIBUTE15	VARCHAR2(150)	FND_API.G_MISS_CHAR
OBJECT_VERSION_NUMBER	NUMBER	FND_API.G_MISS_NUM

LAST_TXN_LINE_DETAIL_ID	NUMBER	FND_API.G_MISS_NUM
INSTALL_LOCATION_TYPE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
INSTALL_LOCATION_ID	NUMBER	FND_API.G_MISS_NUM
INSTANCE_USAGE_CODE	VARCHAR2(30)	FND_API.G_MISS_CHAR
CURRENT_LOC_ADDRESS1	VARCHAR2(240)	FND_API.G_MISS_CHAR
CURRENT_LOC_ADDRESS2	VARCHAR2(240)	FND_API.G_MISS_CHAR
CURRENT_LOC_ADDRESS3	VARCHAR2(240)	FND_API.G_MISS_CHAR
CURRENT_LOC_ADDRESS4	VARCHAR2(240)	FND_API.G_MISS_CHAR
CURRENT_LOC_CITY	VARCHAR2(60)	FND_API.G_MISS_CHAR
CURRENT_LOC_STATE	VARCHAR2(60)	FND_API.G_MISS_CHAR
CURRENT_LOC_POSTAL_CODE	VARCHAR2(60)	FND_API.G_MISS_CHAR
CURRENT_LOC_COUNTRY	VARCHAR2(60)	FND_API.G_MISS_CHAR
SALES_ORDER_NUMBER	NUMBER	FND_API.G_MISS_NUM
SALES_ORDER_LINE	NUMBER	FND_API.G_MISS_NUM
SALES_ORDER_DATE	DATE	FND_API.G_MISS_DATE
PURCHASE_ORDER_NUMBER	VARCHAR2(50)	FND_API.G_MISS_CHAR
INSTANCE_USAGE_NAME	VARCHAR2(80)	FND_API.G_MISS_CHAR

1.5.9 transaction_rec

Record to hold item instance information.

Record Specification

```
TYPE transaction_rec IS RECORD
(
    TRANSACTION_ID              NUMBER := FND_API.G_MISS_NUM,
    TRANSACTION_DATE            DATE := FND_API.G_MISS_DATE,
    SOURCE_TRANSACTION_DATE     DATE := FND_API.G_MISS_DATE,
    TRANSACTION_TYPE_ID         NUMBER := FND_API.G_MISS_NUM,
    TXN_SUB_TYPE_ID             NUMBER := FND_API.G_MISS_NUM,
```

```
                 SOURCE_GROUP_REF_ID              NUMBER := FND_API.G_MISS_NUM,
                 SOURCE_GROUP_REF                 VARCHAR2(50),
                 SOURCE_HEADER_REF_ID             NUMBER := FND_API.G_MISS_NUM,
                 SOURCE_HEADER_REF                VARCHAR2(50),
                 SOURCE_LINE_REF_ID               NUMBER := FND_API.G_MISS_NUM,
                 SOURCE_LINE_REF                  VARCHAR2(50),
                 SOURCE_DIST_REF_ID1              NUMBER := FND_API.G_MISS_NUM,
                 SOURCE_DIST_REF_ID2              NUMBER := FND_API.G_MISS_NUM,
                 INV_MATERIAL_TRANSACTION_ID      NUMBER := FND_API.G_MISS_NUM,
                 TRANSACTION_QUANTITY             NUMBER := FND_API.G_MISS_NUM,
                 TRANSACTION_UOM_CODE             VARCHAR2(3) := FND_API.G_MISS_CHAR,
                 TRANSACTED_BY                    NUMBER := FND_API.G_MISS_NUM,
                 TRANSACTION_STATUS_CODE          VARCHAR2(30) := FND_API.G_MISS_CHAR,
                 TRANSACTION_ACTION_CODE          VARCHAR2(30) := FND_API.G_MISS_CHAR,
                 MESSAGE_ID                       NUMBER := FND_API.G_MISS_NUM,
                 CONTEXT                          VARCHAR2(30) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE1                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE2                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE3                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE4                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE5                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE6                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE7                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE8                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE9                       VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE10                      VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE11                      VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE12                      VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE13                      VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE14                      VARCHAR2(150) := FND_API.G_MISS_CHAR,
                 ATTRIBUTE15                      VARCHAR2(150) := FND_API.G_MISS_CHAR,
              OBJECT_VERSION_NUMBER               NUMBER := FND_API.G_MISS_NUM
            );

            TYPE  transaction_tbl IS TABLE OF transaction_rec INDEX BY BINARY_INTEGER;
            Parameter Descriptions
            The following table describes the parameters associated with this data
            structure.
            1-4  party_account_query_rec Parameters


              TRANSACTION_ID                NUMBER   FND_API.G_MISS_NUM,
              TRANSACTION_DATE              DATE   FND_API.G_MISS_DATE,
              SOURCE_TRANSACTION_DATE       DATE   FND_API.G_MISS_DATE,
              TRANSACTION_TYPE_ID           NUMBER   FND_API.G_MISS_NUM,
```

```
                TXN_SUB_TYPE_ID                  NUMBER   FND_API.G_MISS_NUM,
                SOURCE_GROUP_REF_ID              NUMBER   FND_API.G_MISS_NUM,
                SOURCE_GROUP_REF                 VARCHAR2(50),
                SOURCE_HEADER_REF_ID             NUMBER   FND_API.G_MISS_NUM,
                SOURCE_HEADER_REF                VARCHAR2(50),
                SOURCE_LINE_REF_ID               NUMBER   FND_API.G_MISS_NUM,
                SOURCE_LINE_REF                  VARCHAR2(50),
                SOURCE_DIST_REF_ID1              NUMBER   FND_API.G_MISS_NUM,
                SOURCE_DIST_REF_ID2              NUMBER   FND_API.G_MISS_NUM,
                INV_MATERIAL_TRANSACTION_ID      NUMBER   FND_API.G_MISS_NUM,
                TRANSACTION_QUANTITY             NUMBER   FND_API.G_MISS_NUM,
                TRANSACTION_UOM_CODE             VARCHAR2(3)   FND_API.G_MISS_CHAR,
                TRANSACTED_BY                    NUMBER   FND_API.G_MISS_NUM,
                TRANSACTION_STATUS_CODE          VARCHAR2(30)   FND_API.G_MISS_CHAR,
                TRANSACTION_ACTION_CODE          VARCHAR2(30)   FND_API.G_MISS_CHAR,
                MESSAGE_ID                       NUMBER   FND_API.G_MISS_NUM,
                CONTEXT                          VARCHAR2(30)   FND_API.G_MISS_CHAR,
                ATTRIBUTE1                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE2                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE3                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE4                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE5                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE6                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE7                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE8                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE9                       VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE10                      VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE11                      VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE12                      VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE13                      VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE14                      VARCHAR2(150)   FND_API.G_MISS_CHAR,
                ATTRIBUTE15                      VARCHAR2(150)   FND_API.G_MISS_CHAR,
                OBJECT_VERSION_NUMBER            NUMBER   FND_API.G_MISS_NUM
```

1.5.10 party_account_query_rec

Record to hold item instance information.

Record Specification

```
TYPE ii_relationship_rec IS RECORD
(
 RELATIONSHIP_ID                  NUMBER          := FND_API.G_MISS_NUM,
 RELATIONSHIP_TYPE_CODE           VARCHAR2(30)    := FND_API.G_MISS_CHAR,
```

```
OBJECT_ID                     NUMBER          := FND_API.G_MISS_NUM,
SUBJECT_ID                    NUMBER          := FND_API.G_MISS_NUM,
SUBJECT_HAS_CHILD             VARCHAR2(1)     := FND_API.G_MISS_CHAR,
POSITION_REFERENCE            VARCHAR2(30)    := FND_API.G_MISS_CHAR,
ACTIVE_START_DATE             DATE            := FND_API.G_MISS_DATE,
ACTIVE_END_DATE               DATE            := FND_API.G_MISS_DATE,
DISPLAY_ORDER                 NUMBER          := FND_API.G_MISS_NUM,
MANDATORY_FLAG                VARCHAR2(1)     := FND_API.G_MISS_CHAR,
CONTEXT                       VARCHAR2(30)    := FND_API.G_MISS_CHAR,
ATTRIBUTE1                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE2                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE3                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE4                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE5                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE6                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE7                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE8                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE9                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE10                   VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE11                   VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE12                   VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE13                   VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE14                   VARCHAR2(150)   := FND_API.G_MISS_CHAR,
ATTRIBUTE15                   VARCHAR2(150)   := FND_API.G_MISS_CHAR,
OBJECT_VERSION_NUMBER         NUMBER          := FND_API.G_MISS_NUM
);

TYPE ii_relationship_tbl IS TABLE OF ii_relationship_rec
INDEX BY BINARY_INTEGER;
Parameter Descriptions
The following table describes the parameters associated with this data
structure.
1-4  party_account_query_rec Parameters
RELATIONSHIP_ID               NUMBER          := FND_API.G_MISS_NUM,
RELATIONSHIP_TYPE_CODE        VARCHAR2(30)    := FND_API.G_MISS_CHAR,
OBJECT_ID                     NUMBER          := FND_API.G_MISS_NUM,
SUBJECT_ID                    NUMBER          := FND_API.G_MISS_NUM,
SUBJECT_HAS_CHILD             VARCHAR2(1)     := FND_API.G_MISS_CHAR,
POSITION_REFERENCE            VARCHAR2(30)    := FND_API.G_MISS_CHAR,
ACTIVE_START_DATE             DATE            := FND_API.G_MISS_DATE,
ACTIVE_END_DATE               DATE            := FND_API.G_MISS_DATE,
DISPLAY_ORDER                 NUMBER          := FND_API.G_MISS_NUM,
MANDATORY_FLAG                VARCHAR2(1)     := FND_API.G_MISS_CHAR,
CONTEXT                       VARCHAR2(30)    := FND_API.G_MISS_CHAR,
ATTRIBUTE1                    VARCHAR2(150)   := FND_API.G_MISS_CHAR,
```

```
     ATTRIBUTE2                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE3                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE4                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE5                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE6                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE7                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE8                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE9                      VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE10                     VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE11                     VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE12                     VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE13                     VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE14                     VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     ATTRIBUTE15                     VARCHAR2(150)   := FND_API.G_MISS_CHAR,
     OBJECT_VERSION_NUMBER           NUMBER          := FND_API.G_MISS_NUM
```

1.5.11 system_rec

Record to hold item instance information.

Record Specification

```
TYPE system_rec IS RECORD
(
  SYSTEM_ID                     NUMBER        := FND_API.G_MISS_NUM  ,
  CUSTOMER_ID                   NUMBER        := FND_API.G_MISS_NUM  ,
  SYSTEM_TYPE_CODE              VARCHAR2(30)  := FND_API.G_MISS_CHAR ,
  SYSTEM_NUMBER                 VARCHAR2(30)  := FND_API.G_MISS_CHAR ,
  PARENT_SYSTEM_ID              NUMBER        := FND_API.G_MISS_NUM  ,
  SHIP_TO_CONTACT_ID            NUMBER        := FND_API.G_MISS_NUM  ,
  BILL_TO_CONTACT_ID            NUMBER        := FND_API.G_MISS_NUM  ,
  TECHNICAL_CONTACT_ID          NUMBER        := FND_API.G_MISS_NUM  ,
  SERVICE_ADMIN_CONTACT_ID      NUMBER        := FND_API.G_MISS_NUM  ,
  SHIP_TO_SITE_USE_ID           NUMBER        := FND_API.G_MISS_NUM  ,
  BILL_TO_SITE_USE_ID           NUMBER        := FND_API.G_MISS_NUM  ,
  INSTALL_SITE_USE_ID           NUMBER        := FND_API.G_MISS_NUM  ,
  COTERMINATE_DAY_MONTH         VARCHAR2(6)   := FND_API.G_MISS_CHAR ,
  AUTOCREATED_FROM_SYSTEM_ID    NUMBER        := FND_API.G_MISS_NUM  ,
  CONFIG_SYSTEM_TYPE            VARCHAR2(30)  := FND_API.G_MISS_CHAR ,
  START_DATE_ACTIVE             DATE          := FND_API.G_MISS_DATE ,
  END_DATE_ACTIVE               DATE          := FND_API.G_MISS_DATE ,
  CONTEXT                       VARCHAR2(30)  := FND_API.G_MISS_CHAR ,
  ATTRIBUTE1                    VARCHAR2(150) := FND_API.G_MISS_CHAR ,
  ATTRIBUTE2                    VARCHAR2(150) := FND_API.G_MISS_CHAR ,
```

```
        ATTRIBUTE3                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE4                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE5                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE6                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE7                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE8                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE9                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE10                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE11                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE12                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE13                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE14                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        ATTRIBUTE15                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
        OBJECT_VERSION_NUMBER           NUMBER        := FND_API.G_MISS_NUM  ,
        NAME                            VARCHAR2(50)  := FND_API.G_MISS_CHAR ,
        DESCRIPTION                     VARCHAR2(240) := FND_API.G_MISS_CHAR ,
        TECH_CONT_CHANGE_FLAG           VARCHAR2(1)   := FND_API.G_MISS_CHAR ,
        BILL_TO_CONT_CHANGE_FLAG        VARCHAR2(1)   := FND_API.G_MISS_CHAR ,
        SHIP_TO_CONT_CHANGE_FLAG        VARCHAR2(1)   := FND_API.G_MISS_CHAR ,
        SERV_ADMIN_CONT_CHANGE_FLAG     VARCHAR2(1)   := FND_API.G_MISS_CHAR ,
        BILL_TO_SITE_CHANGE_FLAG        VARCHAR2(1)   := FND_API.G_MISS_CHAR ,
        SHIP_TO_SITE_CHANGE_FLAG        VARCHAR2(1)   := FND_API.G_MISS_CHAR ,
        INSTALL_TO_SITE_CHANGE_FLAG     VARCHAR2(1)   := FND_API.G_MISS_CHAR
        );

TYPE  systems_tbl   IS TABLE OF system_rec                        INDEX BY
BINARY_INTEGER;


Parameter Descriptions
The following table describes the parameters associated with this data
structure.
1-4  party_account_query_rec Parameters
  SYSTEM_ID                       NUMBER       := FND_API.G_MISS_NUM  ,
  CUSTOMER_ID                     NUMBER       := FND_API.G_MISS_NUM  ,
  SYSTEM_TYPE_CODE                VARCHAR2(30) := FND_API.G_MISS_CHAR ,
  SYSTEM_NUMBER                   VARCHAR2(30) := FND_API.G_MISS_CHAR ,
  PARENT_SYSTEM_ID                NUMBER       := FND_API.G_MISS_NUM  ,
  SHIP_TO_CONTACT_ID              NUMBER       := FND_API.G_MISS_NUM  ,
  BILL_TO_CONTACT_ID              NUMBER       := FND_API.G_MISS_NUM  ,
  TECHNICAL_CONTACT_ID            NUMBER       := FND_API.G_MISS_NUM  ,
  SERVICE_ADMIN_CONTACT_ID        NUMBER       := FND_API.G_MISS_NUM  ,
  SHIP_TO_SITE_USE_ID             NUMBER       := FND_API.G_MISS_NUM  ,
  BILL_TO_SITE_USE_ID             NUMBER       := FND_API.G_MISS_NUM  ,
  INSTALL_SITE_USE_ID             NUMBER       := FND_API.G_MISS_NUM  ,
  COTERMINATE_DAY_MONTH           VARCHAR2(6)  := FND_API.G_MISS_CHAR ,
```

```
                   AUTOCREATED_FROM_SYSTEM_ID      NUMBER       := FND_API.G_MISS_NUM  ,
                   CONFIG_SYSTEM_TYPE              VARCHAR2(30) := FND_API.G_MISS_CHAR ,
                   START_DATE_ACTIVE               DATE         := FND_API.G_MISS_DATE ,
                   END_DATE_ACTIVE                 DATE         := FND_API.G_MISS_DATE ,
                   CONTEXT                         VARCHAR2(30) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE1                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE2                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE3                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE4                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE5                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE6                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE7                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE8                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE9                      VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE10                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE11                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE12                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE13                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE14                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   ATTRIBUTE15                     VARCHAR2(150) := FND_API.G_MISS_CHAR ,
                   OBJECT_VERSION_NUMBER           NUMBER       := FND_API.G_MISS_NUM  ,
                   NAME                            VARCHAR2(50) := FND_API.G_MISS_CHAR ,
                   DESCRIPTION                     VARCHAR2(240) := FND_API.G_MISS_CHAR ,
                   TECH_CONT_CHANGE_FLAG           VARCHAR2(1)  := FND_API.G_MISS_CHAR ,
                   BILL_TO_CONT_CHANGE_FLAG        VARCHAR2(1)  := FND_API.G_MISS_CHAR ,
                   SHIP_TO_CONT_CHANGE_FLAG        VARCHAR2(1)  := FND_API.G_MISS_CHAR ,
                   SERV_ADMIN_CONT_CHANGE_FLAG     VARCHAR2(1)  := FND_API.G_MISS_CHAR ,
                   BILL_TO_SITE_CHANGE_FLAG        VARCHAR2(1)  := FND_API.G_MISS_CHAR ,
                   SHIP_TO_SITE_CHANGE_FLAG        VARCHAR2(1)  := FND_API.G_MISS_CHAR,
INSTALL_TO_SITE_CHANGE_FLAG     VARCHAR2(1)   := FND_API.G_MISS_CHAR
```

1.5.12 ext_attrib_rec

Record to hold item instance information.

Record Specification

```
TYPE ext_attrib_rec IS RECORD
(
  attribute_id                    NUMBER       := fnd_api.g_miss_num  ,
  attribute_level                 VARCHAR2(15) := fnd_api.g_miss_char ,
  master_organization_id          NUMBER       := fnd_api.g_miss_num  ,
  inventory_item_id               NUMBER       := fnd_api.g_miss_num  ,
```

```
                   item_category_id              NUMBER       := fnd_api.g_miss_num  ,
                   instance_id                   NUMBER       := fnd_api.g_miss_num  ,
                   attribute_code                VARCHAR2(30) := fnd_api.g_miss_char ,
                   attribute_name                VARCHAR2(50) := fnd_api.g_miss_char ,
                   attribute_category            VARCHAR2(30) := fnd_api.g_miss_char ,
                   description                   VARCHAR2(240) := fnd_api.g_miss_char ,
                   active_start_date             DATE         := fnd_api.g_miss_date ,
                   active_end_date               DATE         := fnd_api.g_miss_date ,
                   context                       VARCHAR2(30) := fnd_api.g_miss_char ,
                   attribute1                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute2                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute3                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute4                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute5                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute6                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute7                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute8                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute9                    VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute10                   VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute11                   VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute12                   VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute13                   VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute14                   VARCHAR2(150) := fnd_api.g_miss_char ,
                   attribute15                   VARCHAR2(150) := fnd_api.g_miss_char ,
                   object_version_number         NUMBER       := fnd_api.g_miss_num
                   );

TYPE extend_attrib_tbl  IS TABLE OF ext_attrib_rec
                        INDEX BY BINARY_INTEGER;
```

Parameter Descriptions
The following table describes the parameters associated with this data structure.

party_account_query_rec Parameters

```
   attribute_id                  NUMBER       := fnd_api.g_miss_num  ,
   attribute_level               VARCHAR2(15) := fnd_api.g_miss_char ,
   master_organization_id        NUMBER       := fnd_api.g_miss_num  ,
   inventory_item_id             NUMBER       := fnd_api.g_miss_num  ,
   item_category_id              NUMBER       := fnd_api.g_miss_num  ,
   instance_id                   NUMBER       := fnd_api.g_miss_num  ,
   attribute_code                VARCHAR2(30) := fnd_api.g_miss_char ,
   attribute_name                VARCHAR2(50) := fnd_api.g_miss_char ,
   attribute_category            VARCHAR2(30) := fnd_api.g_miss_char ,
```

```
    description                    VARCHAR2(240) := fnd_api.g_miss_char ,
    active_start_date              DATE          := fnd_api.g_miss_date ,
    active_end_date                DATE          := fnd_api.g_miss_date ,
    context                        VARCHAR2(30)  := fnd_api.g_miss_char ,
    attribute1                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute2                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute3                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute4                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute5                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute6                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute7                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute8                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute9                     VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute10                    VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute11                    VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute12                    VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute13                    VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute14                    VARCHAR2(150) := fnd_api.g_miss_char ,
    attribute15                    VARCHAR2(150) := fnd_api.g_miss_char ,
    object_version_number          NUMBER        := fnd_api.g_miss_num
```

1.5.13 extend_attrib_values_rec

Record to hold item instance information.

Record Specification

```
TYPE extend_attrib_values_rec IS RECORD
 (
    attribute_value_id      NUMBER        :=  FND_API.G_MISS_NUM,
    instance_id             NUMBER        :=  FND_API.G_MISS_NUM,
    attribute_id            NUMBER        :=  FND_API.G_MISS_NUM,
    attribute_code          VARCHAR2(30)  :=  fnd_api.g_miss_char ,
    attribute_value         VARCHAR2(240) :=  FND_API.G_MISS_CHAR,
    active_start_date       DATE          :=  FND_API.G_MISS_DATE,
    active_end_date         DATE          :=  FND_API.G_MISS_DATE,
    context                 VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
    attribute1              VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
    attribute2              VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
    attribute3              VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
    attribute4              VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
    attribute5              VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
    attribute6              VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
```

```
        attribute7              VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute8              VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute9              VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute10             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute11             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute12             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute13             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute14             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute15             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        object_version_number   NUMBER         :=  FND_API.G_MISS_NUM
);


TYPE extend_attrib_values_tbl IS table of extend_attrib_values_rec INDEX BY
BINARY_INTEGER;
```

Parameter Descriptions
The following table describes the parameters associated with this data structure.

party_account_query_rec Parameters

```
        attribute_value_id     NUMBER         :=  FND_API.G_MISS_NUM,
        instance_id            NUMBER         :=  FND_API.G_MISS_NUM,
        attribute_id           NUMBER         :=  FND_API.G_MISS_NUM,
        attribute_code         VARCHAR2(30)   :=  fnd_api.g_miss_char ,
        attribute_value        VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
        active_start_date      DATE           :=  FND_API.G_MISS_DATE,
        active_end_date        DATE           :=  FND_API.G_MISS_DATE,
        context                VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
        attribute1             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute2             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute3             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute4             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute5             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute6             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute7             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute8             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute9             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute10            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute11            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute12            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute13            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
```

```
attribute14              VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15              VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number    NUMBER         :=  FND_API.G_MISS_NUM
```

1.5.14 pricing_attribs_rec

Record to hold item instance information.

Record Specification

```
TYPE pricing_attribs_rec IS RECORD
(
pricing_attribute_id           NUMBER         :=  FND_API.G_MISS_NUM,
instance_id                    NUMBER         :=  FND_API.G_MISS_NUM,
active_start_date              DATE           :=  FND_API.G_MISS_DATE,
active_end_date                DATE           :=  FND_API.G_MISS_DATE,
pricing_context                VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
pricing_attribute1             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute2             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute3             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute4             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute5             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute6             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute7             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute8             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute9             VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute10            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute11            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute12            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute13            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute14            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute15            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute16            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute17            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute18            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute19            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute20            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute21            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute22            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute23            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute24            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute25            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute26            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute27            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute28            VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
```

```
pricing_attribute29          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute30          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute31          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute32          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute33          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute34          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute35          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute36          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute37          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute38          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute39          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute40          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute41          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute42          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute43          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute44          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute45          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute46          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute47          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute48          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute49          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute50          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute51          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute52          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute53          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute54          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute55          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute56          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute57          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute58          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute59          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute60          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute61          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute62          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute63          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute64          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute65          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute66          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute67          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute68          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute69          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute70          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute71          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute72          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
pricing_attribute73          VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
```

```
pricing_attribute74           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute75           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute76           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute77           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute78           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute79           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute80           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute81           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute82           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute83           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute84           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute85           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute86           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute87           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute88           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute89           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute90           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute91           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute92           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute93           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute94           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute95           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute96           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute97           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute98           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute99           VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute100          VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
context                       VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
attribute1                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute2                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute3                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute4                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute5                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute6                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute7                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute8                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute9                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute10                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute11                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute12                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute13                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute14                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number         NUMBER         :=  FND_API.G_MISS_NUM
);
```

```
TYPE pricing_attribs_tbl IS TABLE OF pricing_attribs_rec INDEX BY BINARY_
INTEGER;
Parameter Descriptions
The following table describes the parameters associated with this data
structure.
```

party_account_query_rec Parameters

```
pricing_attribute_id            NUMBER        :=  FND_API.G_MISS_NUM,
 instance_id                    NUMBER        :=  FND_API.G_MISS_NUM,
 active_start_date              DATE          :=  FND_API.G_MISS_DATE,
 active_end_date                DATE          :=  FND_API.G_MISS_DATE,
 pricing_context                VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 pricing_attribute1             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute2             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute3             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute4             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute5             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute6             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute7             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute8             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute9             VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute10            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute11            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute12            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute13            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute14            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute15            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute16            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute17            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute18            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute19            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute20            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute21            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute22            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute23            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute24            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute25            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute26            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute27            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute28            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute29            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 pricing_attribute30            VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
```

```
pricing_attribute31          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute32          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute33          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute34          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute35          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute36          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute37          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute38          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute39          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute40          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute41          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute42          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute43          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute44          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute45          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute46          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute47          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute48          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute49          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute50          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute51          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute52          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute53          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute54          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute55          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute56          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute57          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute58          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute59          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute60          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute61          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute62          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute63          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute64          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute65          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute66          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute67          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute68          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute69          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute70          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute71          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute72          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute73          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute74          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
pricing_attribute75          VARCHAR2(150)   :=   FND_API.G_MISS_CHAR,
```

```
pricing_attribute76        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute77        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute78        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute79        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute80        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute81        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute82        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute83        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute84        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute85        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute86        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute87        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute88        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute89        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute90        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute91        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute92        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute93        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute94        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute95        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute96        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute97        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute98        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute99        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
pricing_attribute100       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
context                    VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
attribute1                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute2                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute3                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute4                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute5                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute6                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute7                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute8                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute9                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute10                VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute11                VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute12                VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute13                VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute14                VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15                VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number      NUMBER         :=  FND_API.G_MISS_NUM
```

1.5.15 organization_units_rec

Record to hold item instance information.

Record Specification

```
TYPE organization_units_rec IS RECORD
(
 instance_ou_id              NUMBER        :=  FND_API.G_MISS_NUM,
 instance_id                 NUMBER        :=  FND_API.G_MISS_NUM,
 operating_unit_id           NUMBER        :=  FND_API.G_MISS_NUM,
 relationship_type_code      VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 active_start_date           DATE          :=  FND_API.G_MISS_DATE,
 active_end_date             DATE          :=  FND_API.G_MISS_DATE,
 context                     VARCHAR2(30)  :=  FND_API.G_MISS_CHAR,
 attribute1                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute2                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute3                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute4                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute5                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute6                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute7                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute8                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute9                  VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute10                 VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute11                 VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute12                 VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute13                 VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute14                 VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 attribute15                 VARCHAR2(150) :=  FND_API.G_MISS_CHAR,
 object_version_number       NUMBER        :=  FND_API.G_MISS_NUM
);

TYPE organization_units_tbl IS TABLE OF organization_units_rec INDEX BY BINARY_
INTEGER;


Parameter Descriptions
The following table describes the parameters associated with this data
structure.
1-4  party_account_query_rec Parameters
 instance_ou_id              NUMBER        :=  FND_API.G_MISS_NUM,
 instance_id                 NUMBER        :=  FND_API.G_MISS_NUM,
 operating_unit_id           NUMBER        :=  FND_API.G_MISS_NUM,
```

```
        relationship_type_code        VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
        active_start_date             DATE           :=  FND_API.G_MISS_DATE,
        active_end_date               DATE           :=  FND_API.G_MISS_DATE,
        context                       VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
        attribute1                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute2                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute3                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute4                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute5                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute6                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute7                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute8                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute9                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute10                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute11                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute12                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute13                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute14                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        attribute15                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
        object_version_number         NUMBER         :=  FND_API.G_MISS_NUM
```

1.5.16 instance_asset_rec

Record to hold item instance information.

Record Specification

```
TYPE instance_asset_rec IS RECORD
 (
     instance_asset_id        NUMBER          :=  FND_API.G_MISS_NUM,
     instance_id              NUMBER          :=  FND_API.G_MISS_NUM,
     fa_asset_id              NUMBER          :=  FND_API.G_MISS_NUM,
     fa_book_type_code        VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
     fa_location_id           NUMBER          :=  FND_API.G_MISS_NUM,
     asset_quantity           NUMBER          :=  FND_API.G_MISS_NUM,
     update_status            VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
     active_start_date        DATE            :=  FND_API.G_MISS_DATE,
     active_end_date          DATE            :=  FND_API.G_MISS_DATE,
     object_version_number    NUMBER          :=  FND_API.G_MISS_NUM
);

TYPE instance_asset_tbl IS TABLE OF instance_asset_rec INDEX BY BINARY_INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

party_account_query_rec Parameters

```
instance_asset_id       NUMBER         :=  FND_API.G_MISS_NUM,
instance_id             NUMBER         :=  FND_API.G_MISS_NUM,
fa_asset_id             NUMBER         :=  FND_API.G_MISS_NUM,
fa_book_type_code       VARCHAR2(15)   :=  FND_API.G_MISS_CHAR,
fa_location_id          NUMBER         :=  FND_API.G_MISS_NUM,
asset_quantity          NUMBER         :=  FND_API.G_MISS_NUM,
update_status           VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
active_start_date       DATE           :=  FND_API.G_MISS_DATE,
active_end_date         DATE           :=  FND_API.G_MISS_DATE,
object_version_number   NUMBER         :=  FND_API.G_MISS_NUM
```

1.5.17 account_header_rec

Record to hold item instance information.

Record Specification

```
TYPE party_account_header_rec IS RECORD
(
ip_account_id               NUMBER         :=  FND_API.G_MISS_NUM,
instance_party_id           NUMBER         :=  FND_API.G_MISS_NUM,
party_account_id            NUMBER         :=  FND_API.G_MISS_NUM,
party_account_number        VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
party_account_name          VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
relationship_type_code      VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
bill_to_address             NUMBER         :=  FND_API.G_MISS_NUM,
bill_to_location            VARCHAR2(40)   :=  FND_API.G_MISS_CHAR,
ship_to_address             NUMBER         :=  FND_API.G_MISS_NUM,
ship_to_location            VARCHAR2(40)   :=  FND_API.G_MISS_CHAR,
active_start_date           DATE           :=  FND_API.G_MISS_DATE,
active_end_date             DATE           :=  FND_API.G_MISS_DATE,
context                     VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
attribute1                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute2                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute3                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute4                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute5                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
```

```
attribute6                        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute7                        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute8                        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute9                        VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute10                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute11                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute12                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute13                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute14                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number             NUMBER         :=  FND_API.G_MISS_NUM
);
```

TYPE party_account_header_tbl IS TABLE OF party_account_header_rec INDEX BY
BINARY_INTEGER;
Parameter Descriptions
The following table describes the parameters associated with this data
structure.
party_account_query_rec Parameters

```
ip_account_id                     NUMBER         :=  FND_API.G_MISS_NUM,
 instance_party_id                NUMBER         :=  FND_API.G_MISS_NUM,
 party_account_id                 NUMBER         :=  FND_API.G_MISS_NUM,
 party_account_number             VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
 party_account_name               VARCHAR2(240)  :=  FND_API.G_MISS_CHAR,
 relationship_type_code           VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
 bill_to_address                  NUMBER         :=  FND_API.G_MISS_NUM,
 bill_to_location                 VARCHAR2(40)   :=  FND_API.G_MISS_CHAR,
 ship_to_address                  NUMBER         :=  FND_API.G_MISS_NUM,
 ship_to_location                 VARCHAR2(40)   :=  FND_API.G_MISS_CHAR,
 active_start_date                DATE           :=  FND_API.G_MISS_DATE,
 active_end_date                  DATE           :=  FND_API.G_MISS_DATE,
 context                          VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
 attribute1                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute2                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute3                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute4                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute5                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute6                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute7                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute8                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute9                       VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute10                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute11                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute12                      VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
```

```
attribute13                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute14                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number          NUMBER         :=  FND_API.G_MISS_NUM
```

1.5.18 org_units_header_rec

Record to hold item instance information.

Record Specification

```
TYPE org_units_header_rec IS RECORD
(
 instance_ou_id                NUMBER         :=  FND_API.G_MISS_NUM,
 instance_id                   NUMBER         :=  FND_API.G_MISS_NUM,
 operating_unit_id             NUMBER         :=  FND_API.G_MISS_NUM,
 operating_unit_name           VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
 relationship_type_code        VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
 active_start_date             DATE           :=  FND_API.G_MISS_DATE,
 active_end_date               DATE           :=  FND_API.G_MISS_DATE,
 context                       VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
 attribute1                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute2                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute3                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute4                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute5                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute6                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute7                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute8                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute9                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute10                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute11                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute12                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute13                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute14                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 attribute15                   VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
 object_version_number         NUMBER         :=  FND_API.G_MISS_NUM
);

TYPE org_units_header_tbl IS TABLE OF org_units_header_rec INDEX BY BINARY_
INTEGER;
```

Parameter Descriptions
The following table describes the parameters associated with this data structure.

party_account_query_rec Parameters

```
instance_ou_id              NUMBER         :=  FND_API.G_MISS_NUM,
instance_id                 NUMBER         :=  FND_API.G_MISS_NUM,
operating_unit_id           NUMBER         :=  FND_API.G_MISS_NUM,
operating_unit_name         VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
relationship_type_code      VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
active_start_date           DATE           :=  FND_API.G_MISS_DATE,
active_end_date             DATE           :=  FND_API.G_MISS_DATE,
context                     VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
attribute1                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute2                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute3                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute4                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute5                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute6                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute7                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute8                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute9                  VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute10                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute11                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute12                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute13                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute14                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15                 VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number       NUMBER         :=  FND_API.G_MISS_NUM
```

1.5.19 instance_asset_header_rec

Record to hold item instance information.

Record Specification

```
TYPE instance_asset_header_rec IS RECORD
 (
     instance_asset_id       NUMBER          :=  FND_API.G_MISS_NUM,
     instance_id             NUMBER          :=  FND_API.G_MISS_NUM,
     fa_asset_id             NUMBER          :=  FND_API.G_MISS_NUM,
```

```
          fa_book_type_code         VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
          fa_location_id            NUMBER          :=  FND_API.G_MISS_NUM,
          asset_quantity            NUMBER          :=  FND_API.G_MISS_NUM,
          update_status             VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          active_start_date         DATE            :=  FND_API.G_MISS_DATE,
          active_end_date           DATE            :=  FND_API.G_MISS_DATE,
          object_version_number     NUMBER          :=  FND_API.G_MISS_NUM,
          asset_number              VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
          serial_number             VARCHAR2(35)    :=  FND_API.G_MISS_CHAR,
          tag_number                VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
          category                  VARCHAR2(60)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment1      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment2      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment3      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment4      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment5      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment6      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          fa_location_segment7      VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          date_placed_in_service    DATE            :=  FND_API.G_MISS_DATE,
          description               VARCHAR2(80)    :=  FND_API.G_MISS_CHAR,
          employee_name             VARCHAR2(240)   :=  FND_API.G_MISS_CHAR,
          expense_account_number    VARCHAR2(25)    :=  FND_API.G_MISS_CHAR
  );

TYPE instance_asset_header_tbl IS RECORD of instance_asset_header_rec INDEX BY
BINARY_INTEGER;
```

Parameter Descriptions

The following table describes the parameters associated with this data structure.

1-4 party_account_query_rec Parameters

```
          instance_asset_id         NUMBER          :=  FND_API.G_MISS_NUM,
          instance_id               NUMBER          :=  FND_API.G_MISS_NUM,
          fa_asset_id               NUMBER          :=  FND_API.G_MISS_NUM,
          fa_book_type_code         VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
          fa_location_id            NUMBER          :=  FND_API.G_MISS_NUM,
          asset_quantity            NUMBER          :=  FND_API.G_MISS_NUM,
          update_status             VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
          active_start_date         DATE            :=  FND_API.G_MISS_DATE,
          active_end_date           DATE            :=  FND_API.G_MISS_DATE,
          object_version_number     NUMBER          :=  FND_API.G_MISS_NUM,
          asset_number              VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
          serial_number             VARCHAR2(35)    :=  FND_API.G_MISS_CHAR,
          tag_number                VARCHAR2(15)    :=  FND_API.G_MISS_CHAR,
```

```
                  category                    VARCHAR2(60)    :=  FND_API.G_MISS_CHAR,
                  segment1                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  segment2                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  segment3                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  segment4                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  segment5                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  segment6                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  segment7                    VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
                  date_placed_in_service      DATE            :=  FND_API.G_MISS_DATE,
                  description                 VARCHAR2(80)    :=  FND_API.G_MISS_CHAR,
                  employee_name               VARCHAR2(240)   :=  FND_API.G_MISS_CHAR,
                  expense_account_number      VARCHAR2(25)    :=  FND_API.G_MISS_CHAR
```

1.5.20 org_units_header_rec

Record to hold item instance information.

Record Specification

```
TYPE org_units_header_rec IS RECORD
(
 instance_ou_id                 NUMBER          :=  FND_API.G_MISS_NUM,
 instance_id                    NUMBER          :=  FND_API.G_MISS_NUM,
 operating_unit_id              NUMBER          :=  FND_API.G_MISS_NUM,
 operating_unit_name            VARCHAR2(60)    :=  FND_API.G_MISS_CHAR,
 relationship_type_code         VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
 relationship_type_name         VARCHAR2(80)    :=  FND_API.G_MISS_CHAR
 active_start_date              DATE            :=  FND_API.G_MISS_DATE,
 active_end_date                DATE            :=  FND_API.G_MISS_DATE,
 context                        VARCHAR2(30)    :=  FND_API.G_MISS_CHAR,
 attribute1                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute2                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute3                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute4                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute5                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute6                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute7                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute8                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute9                     VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute10                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute11                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute12                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute13                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
 attribute14                    VARCHAR2(150)   :=  FND_API.G_MISS_CHAR,
```

```
attribute15                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number          NUMBER         :=  FND_API.G_MISS_NUM

);

TYPE org_units_header_tbl IS TABLE OF org_units_header_rec INDEX BY BINARY_
INTEGER;
```

Parameter Descriptions
The following table describes the parameters associated with this data structure.

party_account_query_rec Parameters

```
instance_ou_id                 NUMBER         :=  FND_API.G_MISS_NUM,
instance_id                    NUMBER         :=  FND_API.G_MISS_NUM,
operating_unit_id              NUMBER         :=  FND_API.G_MISS_NUM,
operating_unit_name            VARCHAR2(60)   :=  FND_API.G_MISS_CHAR,
relationship_type_code         VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
relationship_type_name         VARCHAR2(80)   :=  FND_API.G_MISS_CHAR
active_start_date              DATE           :=  FND_API.G_MISS_DATE,
active_end_date                DATE           :=  FND_API.G_MISS_DATE,
context                        VARCHAR2(30)   :=  FND_API.G_MISS_CHAR,
attribute1                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute2                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute3                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute4                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute5                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute6                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute7                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute8                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute9                     VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute10                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute11                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute12                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute13                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute14                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
attribute15                    VARCHAR2(150)  :=  FND_API.G_MISS_CHAR,
object_version_number          NUMBER         :=  FND_API.G_MISS_NUM,
```

1.6 Messages and Notifications

The following table describes a lists of common error messages and notifications that the Oracle Install Base API can generate. Note that not all messages are returned by all APIs.

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INV_PARTY_TYPE_CODE"	MESSAGE_TEXT = "Party Relationship seed data &RELATIONSHIP_TYPE_CODE is not defined in Install Base Setup Table, CSI_LOOKUPS"
"CSI_API_INVALID_CONTACT_INFO"	MESSAGE_TEXT = "Party Contact - &CONTACT_PARTY_ID is incorrectly setup as &CONTACT_SOURCE_TABLE"
"CSI_API_INVALID_CONTACT_IP_ID"	MESSAGE_TEXT = "The &CONTACT_IP_ID does not exist in csi_i_parties"
"CSI_API_INVALID_PTY_START_DATE"	MESSAGE_TEXT = "The Party relationship Active Start Date is either greater than the active end date or less than instance active start date"
"CSI_API_INST_STARTDATE_NOT_EXT"	MESSAGE_TEXT = "The Instance id does not exist .So the active start date validation failed"
"CSI_API_OWNER_ALREADY_EXISTS"	MESSAGE_TEXT = "The Owner for the Instance &INSTANCE_ID already exists"
"CSI_API_INVALID_PARTY_ACCT_COM"	MESSAGE_TEXT = "The Party Account Combination &ACCT_COMBINATION already exists"
"CSI_API_INVALID_IP_ACCOUNT_ID"	MESSAGE_TEXT = "The ip_account id &IP_ACCOUNT_ID doesn't exist in Installed Base table CSI_IP_ACCOUNTS"
"CSI_API_INVALID_PTY_ACCT_ID"	MESSAGE_TEXT = "The Party account &PARTY_ACCOUNT_ID is not defined as cust account in hz_cust_accounts"
"CSI_API_INVALID_ACCOUNT_TYPE"	MESSAGE_TEXT = " Account type code seed data &IP_RELATIONSHIP_TYPE_CODE is not defined in Installed Base setup table CSI_LOOKUPS"
"CSI_API_INV_ACCT_START_DATE"	MESSAGE_TEXT = "The Active Start date of Party Account is either greater than active end date or less than active start date of part relationship"
"CSI_API_INV_ACCT_END_DATE"	MESSAGE_TEXT = "The active end date of the Party account is either less than sysdate or greater than the active end date of party relationship"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INVALID_ TIME_STAMP"	MESSAGE_TEXT = "The Time Stamp is either less than instance start effective date OR more than the end effectice date of instance"
"CSI_API_INVALID_ VER_LABEL_ID"	MESSAGE_TEXT = "The Version label id &VERSION_LABEL_ ID already exists in the install base"
"CSI_API_INV_INST_ ASSET_ID"	MESSAGE_TEXT = "The instance asset id &INSTANCE_ ASSET_ID already exist in the install base"
"CSI_API_INV_ UPDATE_STATUS"	MESSAGE_TEXT = "The Update Status is not defined in FND_ LOOKUPS"
"CSI_API_INVALID_ ASSET_QTY"	MESSAGE_TEXT = "The quantity &QUANTITY is less than 0"
"CSI_API_INV_ASSET_ COMB"	MESSAGE_TEXT = "The Asset Combination &ASSET_ COMBINATION does not exist in fa_books table"
"CSI_API_INV_ASSET_ LOCATION"	MESSAGE_TEXT = "The Asset Location &ASSET_ LOCATION_ID does not exist in csi_a_locations table"
"CSI_API_INVALID_ PO_LOC_ID"	MESSAGE_TEXT = "Invalid Po line id passed for the instance location - PO"
"CSI_API_INVALID_ PARTY_LOC_ID"	MESSAGE_TEXT = "Invalid Location id passed for the location type code - HZ_PARTY_SITES"
"CSI_API_INST_VER_ LABEL_EXIST"	MESSAGE_TEXT = "Version Label already exists -"
"CSI_API_INVALID_ ACCT_CLASS"	MESSAGE_TEXT = "Invalid accounting class code in fnd_ lookups"
"CSI_API_SERIAL_ NUM_IN_USE"	MESSAGE_TEXT = "This Serial Number &SERIAL_NUMBER already exist in csi_item_instances"
"CSI_API_NOT_SER_ CONTROLLED"	MESSAGE_TEXT = "This Item is not serialized or is not serial controlled -"
"CSI_API_CANT_ RESOLVE_SER_NUM"	MESSAGE_TEXT = "Cannot resolve the serial number &SERIAL_NUMBER. Because the mfg_serial_number_flag is null"
"CSI_API_NOT_LOT_ CONTROLLED"	MESSAGE_TEXT = "The Item &LOT_NUMBER is lot controlled -"
"CSI_API_INVALID_ COUNTER_REL"	MESSAGE_TEXT = "This item does not have any counter association"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INSTANCE_ ID_IN_USE"	MESSAGE_TEXT = "This &INSTANCE ID already exist in csi_ item_instances"
"CSI_API_INVALID_ INSTANCE_NUM"	MESSAGE_TEXT = "This &INSTANCE_NUMBER is not a valid Instance Number."
"CSI_API_INVALID_ END_DATE"	MESSAGE_TEXT = "The Active End Date &END_DATE_ ACTIVE is invalid"
"CSI_API_NOT_ TRACKABLE"	MESSAGE_TEXT = "This item is not trackable. The combination of inventory item id and inventory master organization is not valid"
"CSI_API_INVALID_HZ_ LOC_ID"	MESSAGE_TEXT = "Invalid Location id passed for the location type code - HZ_LOCATIONS\n\"
"CSI_API_INVALID_ VEND_LOC_ID"	MESSAGE_TEXT = "Invalid Location id passed for the location type code - VENDOR_SITE"
"CSI_API_INVALID_INT_ LOC_ID"	MESSAGE_TEXT = "Invalid Location id passed for the location type code - INTERNAL SITE"
"CSI_FAILED_TO_ CREATE_HISTORY"	MESSAGE_TEXT = "Failed to create a record in Item instance history table"
"CSI_FAILED_TO_ CREATE_VERSION"	MESSAGE_TEXT = "Failed to create a version in the csi version label table"
"CSI_API_INVALID_ INV_ITEM_ID"	MESSAGE_TEXT = "Invalid Item (&INVENTORY_ITEM_ID) - Item is not trackable"
"CSI_API_INVALID_ INV_ITEM_REV"	MESSAGE_TEXT = "Invalid item revision (&INVENTORY_ REVISION)"
"CSI_API_INVALID_ START_DATE"	MESSAGE_TEXT = "The Active Start date (&START_DATE_ ACTIVE) is invalid"
"CSI_API_INVALID_ PARTY_SOURCE"	MESSAGE_TEXT = "Party Source Table seed data &PARTY_ SOURCE_TABLE is not defined in Install Base Setup Table, CSI_LOOKUPS"
"CSI_API_INVALID_ PARTY_ID"	MESSAGE_TEXT = "The Party id &PARTY_ID does not exist in hz_parties ,po_vendors, per_all_people_f tables"
"CSI_API_INVALID_ PARTY_TYPE"	MESSAGE_TEXT = "The Party Relationship type code (\"&RELATIONSHIP_TYPE_CODE \") is invalid"
"CSI_FAILED_TO_ VALIDATE_TXN"	MESSAGE_TEXT = "API programming Error (&API_ NAME):The Create trasaction API failed. The transaction Id parameter (&TRANSACTION_ID)"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INVALID_ATTRIB_LEVEL"	MESSAGE_TEXT = "Attribute Level Contents for (&ATTRIBUTE_LEVEL_CONTENT) is not valid"
"CSI_API_INVALID_ATT_VAL_H_ID"	MESSAGE_TEXT = "Attribute_Value_H_ID (&ATTRIBUTE_VALUE_H_ID) is invalid"
"CSI_API_INVALID_REL_TYPE_CODE"	MESSAGE_TEXT = "Relationship Type Code (&RELATIONSHIP_TYPE_CODE) is invalid"
"CSI_API_OBJ_VER_MISMATCH"	MESSAGE_TEXT = "The Object Version passed does not match with the one existing in Installed Base tables"
"CSI_API_RECORD_LOCKED"	MESSAGE_TEXT = "The Current record is locked by another Installed Base user for update"
"CSI_API_UPD_NOT_ALLOWED"	MESSAGE_TEXT = "Installed Base doesn't allow &COLUMN to be changed"
"CSI_API_UPD_ACCT_FAILED"	MESSAGE_TEXT = "API programming Error &API_NAME : The Update account api failed for the &INSTANCE_PARTY_ID"
"CSI_API_GET_FULL_DUMP_FAILED"	MESSAGE_TEXT = "History full dump parameter is not defined in Installed Base Setup table, CSI_INSTALL_PARAMETERS"
"CSI_API_INVALID_ATT_VAL_ID"	MESSAGE_TEXT = "Attribute Value ID (&ATTRIBUTE_VALUE_ID) is invalid"
"CSI_API_INVALID_INST_OU_ID"	MESSAGE_TEXT = "Instance Operating Unit Id (&INSTANCE_OU_ID) is invalid"
"CSI_API_INVALID_OPERATING_UNIT"	MESSAGE_TEXT = "Operating Unit (&OPERATING_UNIT) in invalid"
"CSI_API_INVALID_ALTERNATE_PK" . LAST_UPDATE_DATE = "2001/08/03"	MESSAGE_TEXT = "Cannot create duplicatate record, because (&ALTERNATE_PK) defines a unique record existing in Install Base table. Please correct the data you have passed."
"CSI_API_INVALID_ATTRIBUTE_ID"	MESSAGE_TEXT = "The Attribute ID (&ATTRIBUTE_ID) is Invalid"
"CSI_API_INVALID_ORG_ASS_H_ID"	MESSAGE_TEXT = "Organization Assignment_H Id (&ORG_ASSIGN_H_ID) is invalid\n\"
"CSI_API_CANT_CHANGE_INST_ID"	MESSAGE_TEXT = "Instance ID (&INSTANCE_ID_OLD) cannot be changed"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INVALID_OBJ_VER_NUM"	MESSAGE_TEXT = "Object Version Number (&OBJ_VER_NUM) is invalid"
"CSI_API_EXPIRED_INSTANCE_ID"	MESSAGE_TEXT = "Instance ID (&INSTANCE_ID) has expired"
"CSI_API_INVALD_PRI_ATT_ID"	MESSAGE_TEXT = "Pricing Attribute Id (&PRICING_ATTRIB_ID) is invalid"
"CSI_API_INVALD_PRI_ATT_H_ID"	MESSAGE_TEXT = "Pricing Attribute History Id (&PRICING_ATTRIB_H_ID) is invalid"
"CSI_API_NOT_UPDATABLE"	MESSAGE_TEXT = "This is not updatable as Active End Date is (&ACTIVE_END_DATE)"
"CSI_API_INVALID_SERIAL_NUM"	MESSAGE_TEXT = "Invalid item serial number - (&SERIAL_NUMBER) entered"
"CSI_API_INVALID_LOT_NUM"	MESSAGE_TEXT = "Invalid item lot number - (&LOT_NUMBER)"
"CSI_API_INVALID_QUANTITY"	MESSAGE_TEXT = "Invalid quantity - (&QUANTITY) entered"
"CSI_API_INVALID_UOM_CODE"	MESSAGE_TEXT = "Invalid Unit of Measure code - (&UNIT_OF_MEASURE) entered"
"CSI_API_INVALID_ITEM_CONDITION"	MESSAGE_TEXT = "Invalid Item condition or item doesn't exist in mtl material statuses . (&INSTANCE_CONDITION_ID)"
"CSI_API_INVALID_INST_STATUS"	MESSAGE_TEXT = "Invalid Instance Status - (&INSTANCE_STATUS_ID)"
"CSI_API_INVALID_SYSTEM_ID"	MESSAGE_TEXT = "Invalid System Id Passed - (&SYSTEM_ID)"
"CSI_API_INVALID_INSTANCE_TYPE"	MESSAGE_TEXT = "Invalid instance type code - (&INSTANCE_TYPE_CODE)"
"CSI_API_INVALID_INT_ORDER_ID"	MESSAGE_TEXT = "Invalid In transit order line id passed for the instance location - IN_TRANSIT"
"CSI_API_INVALID_LOC_SOURCE"	MESSAGE_TEXT = "Invalid Location Type specified"
"CSI_API_INVALID_INV_LOC_ID"	MESSAGE_TEXT = "Invalid Inventory Location. Invalid Organization id or Invalid Subinventory was passed for the location type code - INVENTORY"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INVALID_ WIP_JOB_ID"	MESSAGE_TEXT = "Invalid Wip job id passed for the location type code - WIP"
"CSI_API_INVALID_ PROJ_LOC_ID"	MESSAGE_TEXT = "Invalid Project or Task location ids passed for the instance location - PROJECT"
"CSI_API_REQD_ PARAM_MISSING"	MESSAGE_TEXT = "API Programming Error (&API_NAME) : The Parameter &MISSING_PARAM is reqd and was not passed in."
"CSI_API_INVALID_ PARTY_REL_COMB"	MESSAGE_TEXT = "Party relationship combination (&PARTY_REL_COMB) already exists in Install Base table, CSI_I_PARTIES"
"CSI_API_MANY_PTY_ REL_COM_EXIST"	MESSAGE_TEXT = "There are many rows exist with the same party relationship combination &PARTY_REL_COMB"
"CSI_API_INVALID_ INST_PARTY_ID"	MESSAGE_TEXT = "Instance party Id &INSTANCE_ PARTY_ID exists in Install Base table, CSI_I_PARTIES"
"CSI_API_INVALID_ INSTANCE_ID"	MESSAGE_TEXT = "Item Instance ID &INSTANCE_ID doesn't exist in Install Base Table, CSI_ITEM_INSTANCES"
"CSI_UPD_SYS_ CHANGES_ COMMITTED"	MESSAGE_TEXT = "System changes were already committed."
"CSI_SYSTEM_DUP_ NAME"	MESSAGE_TEXT = "\"Please enter a unique system name. \n\. Cause: You have entered a system name that has already been used for another system.\n\ .Action: Enter a different name for this system.\"\n\"
"CSI_SYS_PARENT_ SYS_INVALID"	MESSAGE_TEXT = "Parent system is invalid because it is child of another system.\n\"
"CSI_SYS_PARENT_ SYS_NOT_ALLOWED"	MESSAGE_TEXT = "Current system is already parent so it cannot have parent system.\n\ "
"CSI_ALL_END_DATE"	MESSAGE_TEXT = "Please enter an end date that is equal to or follows the start date.\n\"
"CSI_NO_START_DATE"	MESSAGE_TEXT = "Cannot enter End Date without a Start Date.\n\"
"CSI_DUPLICATE_ NAME"	MESSAGE_TEXT = "Name eneterd already exists.\n\"
"CSI_ALL_START_ DATE"	MESSAGE_TEXT = "Please enter a date that equals or follows the current date.\n\"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_ALL_DUPLICATE_VALUE"	MESSAGE_TEXT = "This value already exists. Please enter a different value.\n\
"CSI_ALL_REQ_FIELD"	MESSAGE_TEXT = "Please enter a value for this field.\n\"
"CSI_STATUS_TERM_CANC_INVALID"	MESSAGE_TEXT = "\"You cannot set a status to both Cancelled and Terminated . \n\. Cause : You tried to enter Yes in both the Cacelled and Terminated field.\n\. Action : Enter No in either or both the Cancelled and Terminated fields. \"\n\"
"CSI_CP_STATUS_USED"	MESSAGE_TEXT = "Status ′&STATUS_NAME′ is being used by an active Instance. Do you really want to change it?\n\"
"CSI_INVALID_NUMBER"	MESSAGE_TEXT = "Number should be greater than 0.\n\"
"CSI_SUB_RELCODE_EXIST"	MESSAGE_TEXT = "Subject with this Relationship_type_code (&RELATIONSHIP_TYPE_CODE) already exists\n\"
"CSI_OBJ_RELCODE_EXIST"	MESSAGE_TEXT = "Cannot update Relationship_type_code (&RELATIONSHIP_TYPE_CODE) and Object_id (&OBJECT_ID) for this Relationship_id"
"CSI_CHILD_PARENT_REL_LOOP"	MESSAGE_TEXT = "You are trying to create a parent child loop.\n\"
"CSI_PARENT_CHILD_INVALID"	MESSAGE_TEXT = "This parent child relationship is invalid.\n\"
"CSI_INVALID_RELSHIPID"	MESSAGE_TEXT = "You have passed an invalid Relationship_id (&RELATIONSHIP_ID)\n\ "
"CSI_NO_RELSHIP_ID_PASSED"	MESSAGE_TEXT = "You have not passed relationship_id"
"CSI_INVALID_RELSHIP_CODE"	MESSAGE_TEXT = "You have passed an invalid relationship type code (&RELATIONSHIP_TYPE_CODE)"
"CSI_NO_RELSHIP_CODE"	MESSAGE_TEXT = "You have not passed relationship type code\n\"
"CSI_INVALID_OBJECT_ID"	MESSAGE_TEXT = "Invalid Object_id (&OBJECT_ID)"
"CSI_NO_OBJ_ID_PASSED"	MESSAGE_TEXT = "Object_id is not passed \n\"
"CSI_INVALID_SUBJECT_ID"	MESSAGE_TEXT = "Invalid Subject_id (&SUBJECT_ID)\n\"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_ACTIVE_END_DATE"	MESSAGE_TEXT = "Passed Active end date (&ACTIVE_END_DATE)"
"CSI_NO_RELCODE_PASSED"	MESSAGE_TEXT = "No relationship code is passed\n\"
"CSI_CANNOT_UPDATE"	MESSAGE_TEXT = "Invalid parameters passed (&OBJECT_ID) and (&RELATIONSHIP_TYPE_CODE)\n\"
"CSI_FAILED_TO_VALIDATE_INS"	MESSAGE_TEXT = "Instance validation failed\n\"
"CSI_QTY_NOTEQUAL_TO_ONE"	MESSAGE_TEXT = "Passed parameter (&OBJECT_ID) with quantiy not equal to 1"
"CSI_INVALID_LOCATION_TYPE"	MESSAGE_TEXT = "Location for passed parameter (&OBJECT_ID) is inventory."
"CSI_NON_ATO_PTO_ITEM"	MESSAGE_TEXT = "Passed object is associated with non-serialized and non ATO-PTO item\n\"
"CSI_TXN_ID_ALREADY_EXISTS"	MESSAGE_TEXT = "Passed parameter (&TRANSACTION_ID) already exists\n\"
"CSI_RECORD_LOCKED"	MESSAGE_TEXT = "Cannot update this record as it has been locked by another user.\n\"
"CSI_RECORD_CHANGED"	MESSAGE_TEXT = "Record has been updated by another user.\n\"
"CSI_TXN_ID_NOT_PASSED"	MESSAGE_TEXT = "Missing transaction parameter\n\"
"CSI_INVALID_TXN_ID"	MESSAGE_TEXT = "Invalid transaction parameter (&TRANSACTION_ID) passed.\n\"
"CSI_NO_TXN_DATE"	MESSAGE_TEXT = "No Transaction date passed\n\"
"CSI_NO_TXN_TYPE_ID"	MESSAGE_TEXT = "No Transaction type passed\n\"
"CSI_INVALID_TXN_TYPE_ID"	MESSAGE_TEXT = "Invalid Transaction type passed\n\"
"CSI_INVALID_OBJECT_CODE"	MESSAGE_TEXT = "Invalid object code passed\n\"
"CSI_REF_NOT_FOUND"	MESSAGE_TEXT = "Source ref line not found\n\"
"CSI_MISSING_OBJ_VER_NUM"	MESSAGE_TEXT = "Missing object version number\n\"

Table 1–40 Messages for Oracle Install Base

Message Code	Message Text
"CSI_INVALID_PARAMETERS"	MESSAGE_TEXT = "Missing parameters\n\"
"CSI_INVALID_SYSTEM_ID"	MESSAGE_TEXT = "Invalid system parameter (&SYSTEM_ID) passed.\n\"
"CSI_NO_SYSTEM_ID"	MESSAGE_TEXT = "Missing system parameter (&REQUIRED_PARAM)\n\"
"CSI_INVALID_CUSTOMER_ID"	MESSAGE_TEXT = "Invalid system parameter (&CUSTOMER_ID) passed"
"CSI_CUST_ID_NOT_PASSED"	MESSAGE_TEXT = "Missing system parameter (&REQUIRED_PARAM)\n\"
"CSI_INVALID_SYS_TYPE_CODE"	MESSAGE_TEXT = "Invalid system parameter (&SYSTEM_TYPE_CODE) passed."
"CSI_NO_SYS_TYPE_CODE"	MESSAGE_TEXT = "Missing system parameter (&REQUIRED_PARAM)\n\"
"CSI_INVALID_PARENT_SYS_ID"	MESSAGE_TEXT = "Invalid system parameter (&PARENT_SYSTEM_ID) passed."
"CSI_INVALID_SHIPTO_CT_ID"	MESSAGE_TEXT = "Invalid system parameter (&SHIP_TO_CONTACT_ID) passed"
"CSI_NO_SHIPTO_CT_ID"	MESSAGE_TEXT = "Missing system parameter\n\"
"CSI_INVALID_BILLTO_CT_ID"	MESSAGE_TEXT = "Invalid system parameter (&BILL_TO_CONTACT_ID) passed."
"CSI_NO_BILLTO_CT_ID"	MESSAGE_TEXT = "Missing system parameter\n\"
"CSI_INVALID_TECH_CT_ID"	MESSAGE_TEXT = "Invalid system parameter (&TECHNICAL_CONTACT_ID) passed"
"CSI_NO_TECH_CT_ID"	MESSAGE_TEXT = "Missing system parameter\n\"
"CSI_INVALID_SRVADMIN_CT_ID"	MESSAGE_TEXT = "Invalid system parameter (&SERVICE_ADMIN_CONTACT_ID) passed"
"CSI_NO_SRVADMIN_CT_ID"	MESSAGE_TEXT = "Missing system parameter\n\"
"CSI_INVALID_SHIP_TO_ID"	MESSAGE_TEXT = "Invalid system parameter (&SHIP_TO_SITE_USE_ID) passed"
"CSI_NO_SHIP_TO_ID"	MESSAGE_TEXT = "Missing system parameter\n\"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_INVALID_BILL_ TO_ID"	MESSAGE_TEXT = "Invalid system parameter (&BILL_TO_ SITE_USE_ID) passed"
"CSI_NO_BILL_TO_ID"	MESSAGE_TEXT = "Missing system parameter\n\"
"CSI_INVALID_ INSTALL_ID"	MESSAGE_TEXT = "Invalid system parameter (&INSTALL_ SITE_USE_ID) passed"
"CSI_NO_INSTALL_ID"	MESSAGE_TEXT = "Missing system parameter\n\"
"CSI_SYS_NAME_NOT_ PASSED"	MESSAGE_TEXT = "Missing system parameter (&REQUIRED_PARAM)\n\"
"CSI_API_NO_PARTY_ RECORD"	MESSAGE_TEXT = "There is no Party record. For a creation of Instance a Party record is mandatory"
"CSI_API_INVALID_ OWNER_EXISTS"	MESSAGE_TEXT = "No Owner exists for this Party Record"
"CSI_API_NO_ COUNTER_ ASSOCIATION"	MESSAGE_TEXT = "There are no counters associated to this instance"
"CSI_API_NO_ CONTRACT_ ASSOCIATED"	MESSAGE_TEXT = "There are no contracts associated for this instance"
"CSI_API_INVALID_ ACCOUNT_ID"	MESSAGE_TEXT = "Invalid account id entered for contracts"
"CSI_API_INSTANCE_ HAS_PARENT"	MESSAGE_TEXT = "The updating instance has a parent instance, so the location attribute changes are not allowed"
"CSI_API_INVALID_ ACCOUNT_CLASS"	MESSAGE_TEXT = "The accounting class code entered is not valid(it doesn't contain in CSI_LOOKUPS)"
"CSI_API_CANT_UPD_ EXPIRED_INST"	MESSAGE_TEXT = "This Instance is expired. Cannot update an expired Item."
"CSI_API_CANT_ EXPIRE_INSTANCE"	MESSAGE_TEXT = "This Instance cannot be expired. This instance has child instances. First expire the child instances then expire the parent"
"CSI_TXN_SRC_ITEM_ CHK_FAILED"	MESSAGE_TEXT = "The item(ID: &SRC_ITEM_ID) on the source(ID: &SRC_LINE_ID of &SRC_NAME) and the item(ID: &DTL_ITEM_ID) on the transaction line detail does not match."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_TXN_SRC_QTY_ CHK_FAILED"	MESSAGE_TEXT = "The quantity (&SRC_QTY) on the source(ID: &SRC_LINE_ID of &SRC_NAME) and the quantity(&DTL_QTY) on the transaction line detail does not match.\n\"
"CSI_TXN_ATT_SRC_ TBL_INVALID"	MESSAGE_TEXT = "Invalid Attribute Source Table name (&ATT_SRC_TBL) has been passed."
"CSI_TXN_ATT_SRC_ID_ INVALID"	MESSAGE_TEXT = "Invalid Attribute Source ID (&ATT_SRC_ ID) has been passed for the Attribute Source Table (&ATT_ SRC_TBL).\n\"
"CSI_TXN_UPD_DEL_ NOT_ALLOWED"	MESSAGE_TEXT = "Updations and deletions are not allowed for a transaction detail in a status &STATUS. (ID: &LVL_ID)"
"CSI_TXN_INST_OU_ REF_INVALID"	MESSAGE_TEXT = "Instance reference is not allowed at the Org Assignments level if the line detail is not referenced. TXN_OU_ID (&INST_OU_ID) and Instance (&INST_ID)"
"CSI_TXN_DELETION_ NOT_ALLOWED"	MESSAGE_TEXT = "Deletion is not allowed for a processed transaction line (&TXN_LINE_ID)"
"CSI_TXN_II_RLTNS_ CODE_INVALID"	MESSAGE_TEXT = "Invalid Instance relationship code (&RLTNS_CODE) has been passed."
"CSI_TXN_INST_ PARTY_REF_INVALID"	MESSAGE_TEXT = "Instance reference is not allowed at the Party level if the line detail is not referenced. INST_PARTY_ID (&INST_PTY_ID) and Instance (&INST_ID)\n\"
"CSI_TXN_INST_REF_ NOT_ALLOWED"	MESSAGE_TEXT = "Instance reference is not allowed at this level(&LVL) if the line detail is not referenced. (&LVL_DTL_ ID)"
"CSI_TXN_LINE_ID_ INVALID"	MESSAGE_TEXT = "Invalid Transaction Line ID(&TXN_LINE_ ID) has been passed."
"CSI_TXN_OBJECT_ID_ INVALID"	MESSAGE_TEXT = "Invalid Object ID (&OBJECT_ID) has been passed."
"CSI_TXN_SUBJECT_ID_ INVALID"	MESSAGE_TEXT = "Invalid Subject ID (&SUB_ID) has been passed."
"CSI_TXN_PTY_ACCT_ ID_INVALID"	MESSAGE_TEXT = "Invalid Party Account ID has been passed. Party ID: (&PTY_ID) Party Account ID: (&PTY_ACC_ ID)"
"CSI_TXN_SRC_TABLE_ INVALID"	MESSAGE_TEXT = "Invalid Transaction Source Table(&SRC_ TABLE) has been passed."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_TXN_SUBJECT_ INDEX_INVALID"	MESSAGE_TEXT = "Invalid Subject Index (&INDEX_ID). The Index passed has to be a valid record in the transaction line details table."
"CSI_TXN_OBJECT_ INDEX_INVALID"	MESSAGE_TEXT = "Invalid Object Index (&INDEX_ID). The Index passed has to be a valid record in the transaction line details table."
"CSI_TXN_PARTY_DTL_ ID_INVALID"	MESSAGE_TEXT = "Invalid Transaction Party Detail ID (&PTY_DTL_ID) has been passed."
"CSI_TXN_LINE_DTL_ ID_INVALID"	MESSAGE_TEXT = "Invalid Transaction Line Detail ID (&LINE_DTL_ID) has been passed."
"CSI_TXN_RLTN_NOT_ REQD_WARN"	MESSAGE_TEXT = "This transaction type (&SRC_NAME) does not require a Instance Instace Relationship."
"CSI_TXN_SRC_LOC_ INVALID"	MESSAGE_TEXT = "The location type code (&LOC_CODE) for this transaction type (&SRC_NAME) is invalid."
"CSI_TXN_PARAM_ IGNORED_WARN"	MESSAGE_TEXT = "The parameter value (&VALUE) for the parameter (&PARAM) is ignored. &REASON."
"CSI_TXN_NON_SRC_ AND_NO_RLTN"	MESSAGE_TEXT = "One of the record (Identified by record index &INDEX) in the transaction detail table (Item ID: &ITEM_ID) is a non sourced line(Configuration) and has no relation with any of the sourced parent. A relationship record is missing in the item relationship table.\n\"
"CSI_TXN_MULTIPLE_ PARENT"	MESSAGE_TEXT = "One of the record (Identified by record index &INDEX) in the transaction detail table (Item ID: &ITEM_ID) has more than one parent specified in the item relationship table. Please check the values in the Subject ID and the Object ID columns.\n\"
"CSI_TXN_MULTIPLE_ OWNER"	MESSAGE_TEXT = "One of the record (Identified by record index: &INDEX and Item ID: &ITEM_ID) in Transaction line details table has multiple owners. Please fix the data in the Party Details table.\n\"
"CSI_TXN_OWNER_ NOT_FOUND"	MESSAGE_TEXT = "One of the record (Identified by record index &INDEX and Item ID: &ITEM_ID) in the Transaction Line Detail table is sourced but does not have an owner. Instance cannot be created without a Owner."
"CSI_TXN_SOURCE_ID_ INVALID"	MESSAGE_TEXT = "Invalid Source Transaction Line ID (&SRC_LINE_ID) for the source &SRC_NAME has been passed."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_TXN_SUB_TYPE_ ID_INVALID"	MESSAGE_TEXT = "Invalid Transaction Sub Type ID (&SUB_ TYPE_ID) has been passed."
"CSI_TXN_PARTY_ ACCT_ID_INVALID"	MESSAGE_TEXT = "Invalid Transaction Party Account Detail ID (&PTY_ACCT_ID) has been passed."
"CSI_TXN_RLTNS_ID_ INVALID	MESSAGE_TEXT = "Invalid Transaction Relationship ID (&RLTNS_ID) has been passed."
"CSI_TXN_OU_ID_ INVALID"	MESSAGE_TEXT = "Invalid Transaction Operating Unit ID (&TXN_OU_ID) has been passed."
"CSI_TXN_EXT_ATTRIB_ ID_INVALID"	MESSAGE_TEXT = "Invalid Transaction Attrib Detail ID (&EXT_ATT_ID) has been passed."
"CSI_CANNOT_ CREATE_RECORD" LAST_UPDATE_DATE = "2001/07/10"	MESSAGE_TEXT = "You cannot create new record."
"CSI_API_CANNOT_BE_ SERIALIZED"	MESSAGE_TEXT = "This item is serialized and so cannot be used for split instance"
"CSI_API_INSTANCE_ EXISTS"	MESSAGE_TEXT = "This instance (&INSTANCE_ID) already exists"
"CSI_API_OWNER_ NOT_UNIQUE"	MESSAGE_TEXT = "Item Uniqueness check failed. A Non-serialized item owner by the same owner already exist in the same inventory location."
"CSI_API_LOCATION_ NOT_VALID"	MESSAGE_TEXT = "Invalid Location. Either location_type_ code or location_id cannot be null"
"CSI_FW_NOMAPPING_ FILE"	MESSAGE_TEXT = "Cannot find the Mapping file (&FILENAME) specified by the key (&KEYNAME)."
"CSI_FW_REQ_PARAM_ NOT_PRESENT"	MESSAGE_TEXT = "Required parameter (&REQPARAM) not present in request or cookie."
"CSI_FW_CATALOG_ NOT_FOUND"	MESSAGE_TEXT = "Catalog file (&FILENAME) or entry (&ENTRYNAME) missing."
"CSI_FW_NOMAPPING"	MESSAGE_TEXT = "No mapping available for (&MAPPING)."
"CSI_PARTIES_TABLE_ TIP"	MESSAGE_TEXT = "The owner party is not shown in this list. To update the owner you can select Transfer Ownership on the Side Navigation menu."
"CSI_ACCOUNT_ MANDATORY_TIP"	MESSAGE_TEXT = "Account is mandatory only for external parties."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_FW_NORECORDS_ FOUND"	MESSAGE_TEXT = "No records were found matching the given criteria."
"CSI_FW_NO_JOIN"	MESSAGE_TEXT = "Unable to join tables (&TABLENAME)."
"CSI_FW_NO_ENTITY_ FOUND"	MESSAGE_TEXT = "Unable to load entity. No entity matching the search criteria is found."
"CSI_FW_TOO_MANY_ ENTITIES"	MESSAGE_TEXT = "Unable to load entity. More than one entity found matching the search critiera."
"CSI_FW_PARAMS_ NOT_PRESENT"	MESSAGE_TEXT = "None of the following parameters are present in the request or cookie. (&REQPARAM)."
"CSI_FW_API_ERROR"	MESSAGE_TEXT = "Internal Error! API returned error without error message."
"CSI_PERZ_UNKNOWN_ SERVICE_TYPE"	MESSAGE_TEXT = "Unknown personalization type. Cannot load or save personalization."
"CSI_INVALID_NEW_ SETTING_NAME"	MESSAGE_TEXT = "Invalid name for the new personalization settings. Cannot save personalization."
"CSI_PERZ_DATA_ MISSING"	MESSAGE_TEXT = "Unable to load personalization. Missing personalization data."
"CSI_NO_DEFAULT_ CHOICE_PROFILE"	MESSAGE_TEXT = "Cannot load or save personalization data. No default profile name available."
"CSI_PERZ_NO_ CURRENT_SETTING"	MESSAGE_TEXT = "No current settings avaliable for personalization."
"CSI_FW_NO_LOOKUP_ ENTRY"	MESSAGE_TEXT = "Missing entry (&ENTRY) in the lookup catalog file (&FILENAME). Please make sure the correct entry name and file name are specified for the lookup."
"CSI_FW_NO_LOV_ ENTRY"	MESSAGE_TEXT = "Missing entry (&ENTRY) in the LOV catalog file (&FILENAME). Please make sure the correct entry name and file name are specified for the LOV."
"CSI_FW_NO_QUERY_ ENTRY"	MESSAGE_TEXT = "Missing entry (&ENTRY) in the query catalog file (&FILENAME). Please make sure the correct entry name and file name are specified for the query."
"CSI_FW_LOV_ NOAPPID"	MESSAGE_TEXT = "No Application ID (AppId) specfied for this LOV. Please make sure valid appID is passed in the request to the LOV."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_FW_LOV_ NONAME"	MESSAGE_TEXT = "No LOV field name specfied for this LOV. Please make sure valid LOV field name is passed in the request to the LOV."
"CSI_API_INVALID_ PATH"	MESSAGE_TEXT = "File Location or Name is Invalid"
"CSI_API_INVALID_ MODE"	MESSAGE_TEXT = "File Open Mode String was Invalid"
"CSI_API_INVALID_ FILEHANDLE"	MESSAGE_TEXT = "File handle was invalid"
"CSI_API_INVALID_ OPERATION"	MESSAGE_TEXT = "File is not Open for Writing"
"CSI_API_WRITE_ ERROR"	MESSAGE_TEXT = "OS error occured during Write Operation"
"CSI_API_PUT_LINE_ ERROR"	MESSAGE_TEXT = "When Others Error"
"CSI_API_INVALID_ PARAMETERS"	MESSAGE_TEXT = "An incorrect combination of parmeters has been passed to Installed Base"
"CSI_API_ UNINSTALLED_ PARAMETER"	MESSAGE_TEXT = "Data missing from Installed Base Setup Table, CSI_INSTALL_PARAMETERS."
"CSI_API_PARTY_ACCT_ NOT_MAPPED"	MESSAGE_TEXT = "Parties and its corresponding accounts needs to be mapped for Installed Base API"
"CSI_API_INVALID_ OWNER_ACCT"	MESSAGE_TEXT = "Owner Account for External Parties is mandatory for Installed Base API"
"CSI_API_EXP_NOT_ ALLOWED"	MESSAGE_TEXT = "Installed Base doesn't allow &COLUMN to be expired"
"CSI_API_PTY_ CONTACT_EXISTS"	MESSAGE_TEXT = "Party has a valid contact. Please expire the old contact in order to create a new one."
"CSI_API_DUP_ACCT_ TYPE"	MESSAGE_TEXT = "&RELATIONSHIP_TYPE_CODE Acccount already exists for the current Party"
"CSI_PASS_NULL_ PARAMS"	MESSAGE_TEXT = "Cause : You have passed attribute level as GLOBAL.\n\\n\ Action : Pass null for Item ,Instance and Category parameters"
"CSI_PASS_CAT_ PARAMS"	MESSAGE_TEXT = "Cause : You have passed attribute level as CATEGORY.\n\\n\ Action : Pass only category parameters"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_MISSING_CAT_ PARAMETER"	MESSAGE_TEXT = "You have to pass category parameter"
"CSI_INVALID_ PARAMETER"	MESSAGE_TEXT = "Invalid parameter (&PARAMETER)"
"CSI_PASS_ITEM_ PARAMS"	MESSAGE_TEXT = "Cause : You have passed attribute level as ITEM.\n\\n\ Action : Pass only item parameters"
"CSI_MISSING_ITEM_ PARAMETER"	MESSAGE_TEXT = "You have to pass item parameters"
"CSI_INVALID_ITEM_ PARAMETER"	MESSAGE_TEXT = "You have passed invalid item parameters"
"CSI_PASS_INS_ PARAMS"	MESSAGE_TEXT = "Cause : You have passed attribute level as INSTANCE.\n\\n\ Action : Pass only instance parameters"
"CSI_DECODE_MGS_ ERROR"	MESSAGE_TEXT = "You have encountered an error while processing event - &MESSAGE_CODE, message id - &MESSAGE_ID"
"CSI_UNEXP_SQL_ ERROR"	MESSAGE_TEXT = "You have encountered an exexpected error: &API_NAME, &SQL_ERROR."
"CSI_INT_OE_LINE_ID_ INVALID"	MESSAGE_TEXT = "Invalid Order Line ID (&OE_LINE_ID) has been passed."
"CSI_INT_ITEM_ID_ INVALID"	MESSAGE_TEXT = "Invalid Item ID (&ITEM_ID) has been passed."
"CSI_REQUIRED_FIELD_ TIP". LAST_UPDATE_ DATE = "2001/07/22"	MESSAGE_TEXT = "* Indicates required field."
"CSI_MISSING_INS_ PARAMETER"	MESSAGE_TEXT = "You have to pass instance parameters"
"CSI_INVALID_INS_ PARAMETER"	MESSAGE_TEXT = "You have passed invalid iinstance parameter (&PARAMETER)."
"CSI_INVALID_AL_ PARAMETER"	MESSAGE_TEXT = "You have passed an invalid attribute level (&PARAMETER)."
"CSI_MISSING_AL_ PARAMETER"	MESSAGE_TEXT = "You have to pass attribute level parameter."
"CSI_MISSING_ PARAMETER"	MESSAGE_TEXT = "You have not passed required parameter (&PARAMETER) ."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_TXN_SYSTEM_DUP_NAME"	MESSAGE_TEXT = "Passed system name already exists."
"CSI_UPD_NOT_ALLOWED"	MESSAGE_TEXT = "System update not allowed."
"CSI_CANT_UPDATE_EXPIRED_SYS"	MESSAGE_TEXT = "You cannot update an expired system."
"CSI_INVALID_TXN_SYSTEM_ID"	MESSAGE_TEXT = "You have passed an invalid system_id ."
"CSI_NO_TXN_SYSTEM_ID"	MESSAGE_TEXT = "You have to pass a required parameter."
"CSI_API_IP_ACCOUNT_ID"	MESSAGE_TEXT = "The ip_account id &IP_ACCOUNT_ID already exists in Installed Base table CSI_IP_ACCOUNTS"
"CSI_API_TER_DATE"	MESSAGE_TEXT = "Instance End Date is needed for terminable Statuses defined in Install Base Setup table CSI_INSTANCE_STATUSES"
"CSI_FAILED_TO_VALIDATE_CCF"	MESSAGE_TEXT = "All the mandatory Instance attributes should be provided to mark Creation_Complete_Flag as checked"
"CSI_API_INVALID_STATUS_ID"	MESSAGE_TEXT = "This status is not defined in the setup csi_instance_status table."
"CSI_API_INVALID_ZERO_QTY"	MESSAGE_TEXT = "An Instance cannot be created with 'zero' quantity"
"CSI_API_INVALID_NEG_QTY"	MESSAGE_TEXT = "A Instance cannot be created with a 'negative' quantity"
"CSI_API_INVALID_UOM_CLASS"	MESSAGE_TEXT = "UOM Class does not exist for the Unit of Measure Code passed"
"CSI_API_NO_PRIMARY_UOM_CODE"	MESSAGE_TEXT = "There is no Primary Unit of Measure defined for the Unit of Measure supplied to the Instance"
"CSI_API_INVALID_NEGATIVE_QTY"	MESSAGE_TEXT = "Negative quantites are not allowed on this Item"
"CSI_API_INVALID_REL_QTY"	MESSAGE_TEXT = "Quantity cannot be >1 if the Instance has child instances in the component of tree."
"CSI_CFG_EXPIRE_TIP"	MESSAGE_TEXT = "To Expire relationships select rows and click expire button."

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_EMPTY_PARTY_ACCT_TBL"	MESSAGE_TEXT = "Accounts only available for external parties."
"CSI_API_CANT_UPD_EXP_ITEM"	MESSAGE_TEXT = "The Expired Instance cannot be updated. To update an expired instance, we first need to unexpire the instance"
"CSI_API_STATUS_NOT_ALLOWED"	MESSAGE_TEXT = "The Instance cannot be created with an 'Expired' instance status"
"CSI_INT_INT_PTY_ID_MISSING"	MESSAGE_TEXT = "The Internal party id is not defined in CSI_INSTALL_PARAMETERS table"
"CSI_INSTANCE_QTY"	MESSAGE_TEXT = "Quantity must be a positive integer!"
"CSI_INT_INV_SRC_TRX_ID"	MESSAGE_TEXT ="There is no transaction lines found for the combination (Source_transaction_id :(&SOURCE_TRANSACTION_ID),\n\. Source_transaction_table : (&SOURCE_TRANSACTION_TABLE))"
"CSI_INT_OWNER_ACCT_MISSING"	MESSAGE_TEXT = "There is no owner party account found for the instance_party_id : (&INSTANCE_PARTY_ID)"
"CSI_INT_MSTR_ORG_MISSING"	MESSAGE_TEXT = "The master org not defined in mtl_parameters for the Organization_id :(&ORGANIZATION_ID)"
"CSI_INT_UNEXP_SQL_ERROR"	MESSAGE_TEXT = "Encountered an unexpected SQL Error :(&SQL_ERROR)"
"CSI_INT_ITEM_ID_MISSING"	MESSAGE_TEXT = "The inventory item_id missing for the combination (Inventory_item_id :(&INVENTORY_ITEM_ID), Inv_organization_id : (&INV_ORGANIZATION_ID))"
"CSI_INT_ORD_LINE_MISSING"	MESSAGE_TEXT = "The Order line missing for the material transaction_id: (&MTL_TRANSACTION_ID)"
"CSI_INT_SPL_ORD_LINE_MISSING"	MESSAGE_TEXT = "The Splitted Order line (In case Partial Shipment) not found for the Order Line_id :(&ORDER_LINE_ID)"
"CSI_INT_SUB_TYPE_REC_MISSING"	MESSAGE_TEXT = "The Sub type is not defined for the combination (Sub_type_id : (&SUB_TYPE_ID) , Transaction_type_id :(&TRANSACTION_TYPE_ID))"
"CSI_INT_STS_CODE_MISSING"	MESSAGE_TEXT = "The Instance Status is not defined in the CSI_INSTANCE_STATUSES for the Status_code : (&STATUS_CODE)"
"CSI_INT_INV_II_REL_ID"	MESSAGE_TEXT = "The Instance-to-instance relationship not found for the relationship_id :(&RELATIONSHIP_ID)"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_INT_MOD_INST_ MISSING"	MESSAGE_TEXT = "There are no instances found for the model with the Order Line_id : (&LINE_ID)"
"CSI_API_INVALID_ ATTRIBUTES"	MESSAGE_TEXT = "Instance Cannot be marked as Creation Complete, because all the mandatory parameters are not supplied"
"CSI_API_OWNER_ OTHERS_EXCEPTION"	MESSAGE_TEXT = "Failed to validate item uniqueness. An unexpected error occured"
"CSI_ACCT_PROD_ FILTER"	MESSAGE_TEXT = "Products are filtered on account number (&ACCTNUM)."
"CSI_NO_ACCTS_ FOUND"	MESSAGE_TEXT = "The user is currently not associated with any accounts. Please associate the user with an account before using Oracle Installed Base."
"CSI_INT_MANY_INST_ FOUND"	MESSAGE_TEXT = "Either no instance OR more than one instance found for the inventory location attributes"
"CSI_INT_MUL_MOD_ INST_FOUND"	MESSAGE_TEXT = "Expects only instance for the model but found more than one instance ."
"CSI_INT_MUL_SYS_ FOUND"	MESSAGE_TEXT = "More than one systems found for the system number (&SYSTEM_NUMBER)"
"CSI_INT_MULTIPLE_ OWNER"	MESSAGE_TEXT = "More than one owner party records are passed for txn_line_detail_id (&TXN_LINE_DETAIL_ID)"
"CSI_INT_PTY_OWNER_ MISSING"	MESSAGE_TEXT = "In case of sub type where change_owner flag is \"Y\" ,the Party owner record has to be passed but it was not passed for the txn_line_detail_id (&TXN_LINE_ DETAIL_ID)"
"CSI_INT_INST_REF_ MISSING"	MESSAGE_TEXT = "In case of sub type where the source reference required flag = ′Y′ , then instance has to be referred in the txn line detail (&TXN_LINE_DETAIL_ID)"
"CSI_INT_RET_DATE_ MISSING"	MESSAGE_TEXT = "In case of sub type where the source return required flag = ′Y′ , then instance has to be referred in the txn line detail (&TXN_LINE_DETAIL_ID)"
"CSI_INT_INV_INST_ PTY_ID"	MESSAGE_TEXT = "There is no instance party found for the the combination (Instance_id :(&INSTANCE_ID) ,Instance_ party_id:(&INSTANCE_PARTY_ID), Relationship_type_code: (&RELATIONSHIP_TYPE_CODE))"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_INT_INV_PTY_ID"	MESSAGE_TEXT = "Either sub type has change owner code as \"E\" ,so the external party_id: (&PARTY_ID) cannot be same as the internal party_id : (&INTERNAL_PARTY_ID) OR the sub type change owner code is \"I\" , so the external party_id : (&PARTY_ID) has to be same as the internal party_id :(&INTERNAL_PARTY_ID)"
"CSI_INT_NSRC_REL_MISSING"	MESSAGE_TEXT = "There is no relationship build for the non-source txn_line_detail_id : (&TXN_LINE_DETAIL_ID)"
"CSI_INT_II_REL_MISSING"	MESSAGE_TEXT = "Instance-to-instance relationship not found for the relationship_id : (&II_RELATIONSHIP_ID)"
"CSI_INT_OBJ_ID_NOT_ALLOW_UPD"	MESSAGE_TEXT = "The instance object_id :(&OBJECT_ID) not allowed to update"
"CSI_INT_INV_INST_PARTY_ID"	MESSAGE_TEXT = "There is no instance party found for the combination (Instance_id : (&INSTANCE_ID), Relationship_type_code :(&RELATIONSHIP_TYPE_CODE))"
"CSI_INT_INV_INST_OU_ID"	MESSAGE_TEXT = "There is no Organization assigments found for the instance_ou_id :(&INSTANCE_OU_ID)"
"CSI_INT_INV_EXT_ATTR_ID"	MESSAGE_TEXT = "There is no attribute value found for the combination (Instance_id : (&INSTANCE_ID) , Attribute_id :(&ATTRIBUTE_ID))"
"CSI_INT_MANY_ATTR_FOUND"	MESSAGE_TEXT = "There are many attribute values found for the combination (Instance_id : (&INSTANCE_ID) , Attribute_id :(&ATTRIBUTE_ID))"
"CSI_INT_INV_OU_ID"	MESSAGE_TEXT = "There is no organization assignment found for the combination (Instance_id : (&INSTANCE_ID),Operating_unit_id : (&OPERATING_UNIT_ID), Relationship_type_code : (&RELATIONSHIP_TYPE_CODE))"
"CSI_INT_MANY_OU_FOUND"	MESSAGE_TEXT = "There are many Organization assignments found for the combination (Instance_id : (&INSTANCE_ID), Operating_unit_id : (&OPERATING_UNIT_ID), Relationship_type_code : (&RELATIONSHIP_TYPE_CODE))"
"CSI_INT_INV_ACCT_ID"	MESSAGE_TEXT = "There is no party account found for the combination (Instance_party_id : (&INSTANCE_PARTY_ID) ,Relationship_type_code :(&RELATIONSHIP_TYPE_CODE))"
"CSI_INST_MANY_ACCT_FOUND"	MESSAGE_TEXT = "There are many party account found for the combination (Instance_party_id : (&INSTANCE_PARTY_ID) ,Relationship_type_code :(&RELATIONSHIP_TYPE_CODE))"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_INST_INV_INSTA_PTY_ID"	MESSAGE_TEXT = "There is no instance party found for the the combination (Instance_id :(&INSTANCE_ID) , Relationship_type_code: (&RELATIONSHIP_TYPE_CODE))"
"CSI_INT_MANY_INSTA_PTY_FOUND"	MESSAGE_TEXT = "There is many instance party found for the the combination (Instance_id :(&INSTANCE_ID) , Relationship_type_code: (&RELATIONSHIP_TYPE_CODE))"
"CSI_INT_INV_INST_ID"	MESSAGE_TEXT = "There is no instance found for Instance_id : (&INSTANCE_ID)"
"CSI_INST_INV_ATTR_VALUE_ID"	MESSAGE_TEXT = "There is no attribute value found for attribute_value_id : (&ATTRIBUTE_VALUE_ID)"
"CSI_INT_INST_PTY_MISSING"	MESSAGE_TEXT = "There is no instance party found for the instance_party_id : (&INSTANCE_PARTY_ID)"
"CSI_INT_INV_IP_ACCT_ID"	MESSAGE_TEXT = "There is no instance party account found for the ip_account_id : (&IP_ACCOUNT_ID)"
"CSI_INT_INV_TRX_TYPE_ID"	MESSAGE_TEXT = "There is no sub type defined for the transaction type_id : (&TRANSACTION_TYPE_ID)"
"CSI_INT_INV_ITEM_ID"	MESSAGE_TEXT = "The primary UOM is not defined for the combination (Inventory_item_id : (&INVENTORY_ITEM_ID) ,Inv_organization_id : (&INV_ORGANIZATION_ID))"
"CSI_INT_INV_CUST_ACCT_ID"	MESSAGE_TEXT = "There is no customer account found in hz_cust_accounts for cust_accout_id :(&CUST_ACCOUNT_ID)"
"CSI_INT_INV_ORD_LINE_ID"	MESSAGE_TEXT = "There is no instances found for the order line_id :(&ORDER_LINE_ID)"
"CSI_INT_INST_OWNER_MISSING"	MESSAGE_TEXT = "The Instance Party Owner is missing for the instance_id : (&INSTANCE_ID)"
"CSI_INT_INV_TRX_LINE_ID"	MESSAGE_TEXT = "There is no transaction found for the source transaction_line_id: (&TRANSACTION_LINE_ID)"
"CSI_API_INVALID_INSTALL_PARAMS"	MESSAGE_TEXT = "Error reading set-up parameters from CSI_INSTALL_PARAMETERS. Please check the application set-up"
"CSI_API_INVALID_LOC_PARAMS"	MESSAGE_TEXT = "Specified location attributes are ambiguous"
"CSI_API_INVALID_INVENTORY_LOC"	MESSAGE_TEXT = "Invalid Inventory Location.Inventory Organization id or Subinventory cannot be null for the location type code - INVENTORY"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_INVALID_INV_LOCATION"	MESSAGE_TEXT = "Invalid Location id passed for the location type code - INVENTORY"
"CS_API_INVALID_WIP_SETUP_PARAM"	MESSAGE_TEXT = "Invalid Location id passed for the location type code - WIP, is not the same as defined in the setup csi_install_parameters table"
"CSI_API_INVALID_PROJ_SET_PARAM"	MESSAGE_TEXT = "Location id passed for the location type code - PROJECT, is not the same as defined in the setup csi_install_parameters table"
"CSI_API_INVALID_WIP_SET_PARAM"	MESSAGE_TEXT = "Location id passed for the location type code - WIP, is not the same as defined in the setup csi_install_parameters table"
"CSI_API_INVALID_INT_SET_PARAM"	MESSAGE_TEXT = "Location id passed for the location type code - IN_TRANSIT, is not the same as defined in the setup csi_install_parameters table"
"CSI_API_INVALID_PO_SET_PARAM"	MESSAGE_TEXT = "Location id passed for the location type code - PO, is not the same as defined in the setup csi_install_parameters table"
"CSI_CHECK_CREATE_COMPL"	MESSAGE_TEXT = "check if instance creation completed."
"CSI_TIP_SELECT_ITEM"	MESSAGE_TEXT = "first select an item using LOV."
"CSI_TIP_SELECT_PARTY"	MESSAGE_TEXT = "first select a party using LOV."
"CSI_OWNER_ACCT_REQ_OWNER_PTY"	MESSAGE_TEXT = "An Owner account can be created only for Owner Parties. Please create a Valid Owner Party."
"CSI_API_PREFERRED_PTY_EXISTS"	MESSAGE_TEXT = "A Preferred &RELATIONSHIP_TYPE Party for Instance_id, &INSTANCE_ID already exists in Installed Base and hence cannot create another Preferred Party."
"CSI_API_PRIMARY_PTY_EXISTS"	MESSAGE_TEXT = "A Primary &RELATIONSHIP_TYPE Party for Instance_id, &INSTANCE_ID already exists in Installed Base and hence cannot create another Primary Party."
"CSI_INVALID_PTY_CONTACT_OPT"	MESSAGE_TEXT = "Cannot copy contacts without its Parties. Please turn Copy Party Flag on."
"CSI_API_BOM_CONFIG_EXPLODED"	MESSAGE_TEXT = "Assembly Configration for Instance, &INSTANCE_ID already exists in Installed Base"

Table 1–40   Messages for Oracle Install Base

Message Code	Message Text
"CSI_API_NULL_ITEM_ ORG"	MESSAGE_TEXT = "Either item or Inventory Org is null. Please correct your data i.e. (&ITEM_ORG_ID)"
"CSI_API_INVALID_ BOM_ORG"	MESSAGE_TEXT = "Assembly or Inventory Organization is invalid. Please correct your data i.e. (&BOM_ORG_ID)"
"CSI_API_INVALID_ ITEM_ORG"	MESSAGE_TEXT = "Item or Inventory Organization is invalid. Please correct your data i.e. (&ITEM_ORG_ID)"
"CSI_API_VLD_ORG_ID_ NULL"	MESSAGE_TEXT = "Validation Oraganization ID is Null. Please correct your data in order to copy the instance."
"CSI_API_INSTANCE_ID_ NULL"	MESSAGE_TEXT = "Instance ID is Null. Please correct your data in order to copy the instance."