

Bill Presentment Architecture : A Flexible Invoicing Solution : Let's Get Those Bills Paid on Time !

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Agenda

- **Introduction**
- **Overview of BPA**
- **Framework and Illustration**
 - **Create Template to present bills**
 - **Template Assignment**
 - **View online bills**
 - **Data Retrieval from Other Oracle Modules**
 - **Print BPA invoices**
 - **Invoice Delivery Options**

Introduction

- This presentation gives an insight into Oracle's Bill Presentment Architecture in R12.
- It describes setups that can be accomplished by an end user with minimal technical assistance,
- focus on interaction with various Oracle modules to retrieve billing data,
- offers tips for implementing all the functionality needed for a full-fledged invoicing solution.
- and explains the flexibility of various delivery options available out-of-the-box.

Overview

1. A bill presentment tool that helps to create and present comprehensive and more-customer-focused invoices that increase the likelihood and timeliness of payment.
2. BPA provides the architecture
3. to retrieve billing data from multiple data sources, including transaction flexfields and other data not interfaced and stored in Oracle Receivables.
4. provides template-based configuration of online and printed bills,
5. the ability to select the content of the bill,
6. choose the layout design,
7. display parent billing lines and drilldown details,
8. set up the assignment of these billing templates by defining rules based on criteria.

Framework and Illustration

- Create Template to present bills
- Template Assignment
- View online bills
- Data Retrieval from Other Oracle Modules
- Print BPA invoices
- Invoice Delivery Options

Create Template to present bills

Template Management > Templates > Create Template: General Information

ORACLE Bill Management

Home Logout Preferences Help Personalize Page Diagnostics

Template Management | Template Assignment | Print Management | Configuration

Templates | Content Items | External Templates

General Information | Primary Page Design | Details Page Design | Print Setup | Preview

Create Template: General Information

* Indicates required field

Step 1 of 5

* Template Name:

Template Description:

Transaction Class:

Primary Data Source:

Supplementary Data Source:

Tax Format: ⓘ

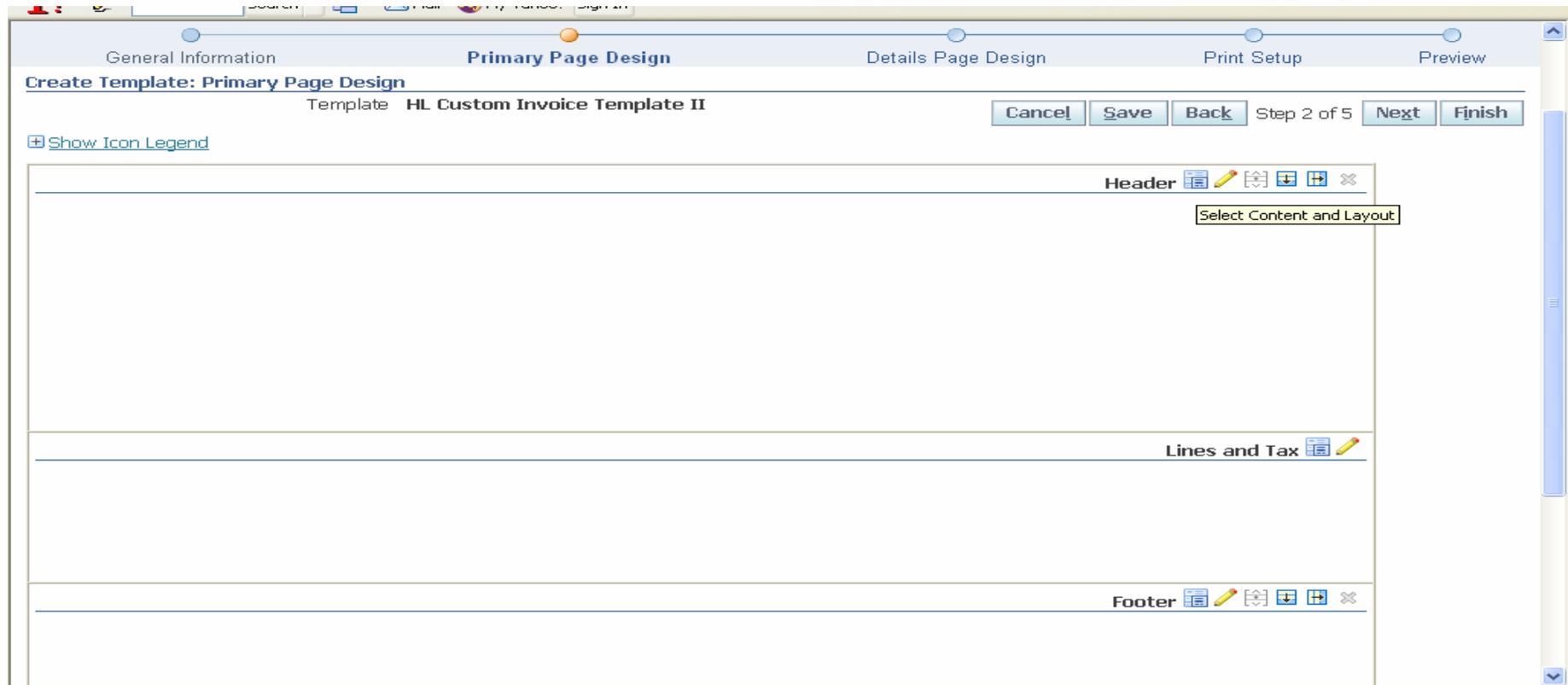
Step 1 of 5

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help | Personalize Page | Diagnostics
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Create Template to present bills

Define a template name for a specific transaction class and primary data source as shown in above screenshot



Create Template to present bills

Using the icons, we can perform additional operations like splitting the content areas horizontally and vertically; moving swapping or duplicating the content items and layout; and updating properties like spacing, width and labels

The screenshot displays the 'Primary Page Design' interface for creating a template. The main window is titled 'Primary Page Design: Select Content and Layout' and shows a 'Template HL Custom Invoice Template' with a 'Content Area Header'.

Content Section:

- Data Source View:** Oracle Receivables : Invoice Header View
- Available Content Items:**
 - Operating Unit Name
 - Outstanding Balance
 - Outstanding Balance With Tokens
 - Payments and Credits
 - Primary Sales Rep Name
 - Purchase Order Number
 - Purchase Order Revision
 - Remaining Charges
 - Remaining Freight
 - Remaining Line Amount
 - Remaining Tax
 - Sales Order
 - Shipping Reference
 - Shipping Via
 - Special Instructions
- Selected Content Items:**
 - Bill To Customer Name
 - Bill To Address Formatted
 - Ship To Customer Name
 - Ship To Address Formatted
 - Remit To Address Formatted
 - Transaction Number
 - Billing Date
 - Shipping Date
- Actions:** Move, Move All, Remove, Remove All
- Description:** Shipping Date-Oracle Receivables-Invoice Header View

Layout Section:

- Select a layout for the content chosen above. 'XXXX' represents data.
- Single Column (with item label)
- Double Column (with item label)
- Mixed Column (with item label)
- Content Item Group Label:** Item Label

Create Template to present bills

Primary Page Design > Header > Select Content and Layout - II

Purchase Order Number
Purchase Order Revision
Remaining Charges
Remaining Freight
Remaining Line Amount
Remaining Tax
Sales Order
Shipping Reference
Shipping Via
Special Instructions

Transaction Number
Billing Date
Shipping Date

Move
Move All
Remove
Remove All

Description
Shipping Date-Oracle Receivables-Invoice Header View

Layout

Select a layout for the content chosen above. 'XXXX' represents data.

Single Column (with item label)
Content Item Group Label
Item Label
XXXX
Item Label
XXXX

Double Column (with item label)
Content Item Group Label
Item Label Item Label
XXXX XXXX
Item Label Item Label
XXXX XXXX

Mixed Column (with item label)
Content Item Group Label
Item Label
XXXX
Item Label Item Label
XXXX XXXX

Multiple Rows (with item label)
Content Item Group Label
Item Label XXXX
Item Label XXXX
Item Label XXXX

Multiple Rows (without item label)
Content Item Group Label
XXXX
XXXX
XXXX

Single Row (with item label)
Content Item Group Label
Item Label Item Label
XXXX XXXX

Cancel Apply

Template Management Template Assignment Print Management Configuration Home Logout Preferences Help Personalize Page Diagnostics
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Create Template to present bills

Primary Page Design > Lines and Tax > Select Content and Layout

The screenshot shows the Oracle Primary Page Design interface. The main window is titled "Primary Page Design" and is currently on the "Primary Page Design: Select Content" tab. The template being edited is "HL Custom Invoice Template". The content area is set to "Lines and Tax".

Under the "Billing Lines" section, there is a description: "Select available items. Content appears in a tabular layout. Use reorder icons to specify column order." Below this, there are two columns: "Available Content Items" and "Selected Content Items".

The "Available Content Items" list includes: Gross Extended Amount, Gross Unit Selling Price, Interface Line Context, Line Type, Quantity Credited, Quantity Ordered, Reason Code, Sales Order Date, Sales Order Line, Tax Exempt Flag, Tax Exempt Number, Tax Exempt Reason Code, Transaction ID, Transaction Line ID, and Transaction Number. A "Data Source View" dropdown is set to "Oracle Receivables" with a "Go" button.

The "Selected Content Items" list includes: Line Number, Item Description, Sales Order, Quantity, Line Tax Exists Flag, Unit Price, and Extended Amount. The "Extended Amount" item is currently selected. Between the two lists are buttons for "Move", "Move All", "Remove", and "Remove All".

At the bottom of the window, there are "Cancel" and "Apply" buttons. The footer contains navigation links: "Template Management", "Template Assignment", "Print Management", "Configuration", "Home", "Logout", "Preferences", "Help", "Personalize Page", and "Diagnostics". A copyright notice at the bottom right reads "Copyright (c) 2006, Oracle. All rights reserved."

Create Template to present bills

Primary Page Design > Footer> Select Content and Layout

The screenshot shows the 'Primary Page Design' tool interface. The 'Primary Page Design: Select Content and Layout' dialog is open, showing the 'Footer' content area for the 'HL Custom Invoice Template'. The 'Content' section is active, displaying a list of available content items on the left and selected content items on the right. The 'Layout' section is also visible, showing three layout options: 'Single Column (with item label)', 'Double Column (with item label)', and 'Mixed Column (with item label)'. The 'Single Column' option is selected.

Content

Select available content items to add to the content area. Use the reorder icons to specify the content order.

Data Source View: Oracle Receivables : Invoice Header View [Go]

Available Content Items:

- Sales Order
- Ship To Address Formatted
- Ship To Customer Name
- Shipping Date
- Shipping Reference
- Shipping Via
- Special Instructions
- Term Due Date
- Term Name
- Terms Sequence Number
- Transaction ID
- Transaction Number
- Transaction Type Name
- Unearned Discount

Selected Content Items:

- Line Total Amount
- Tax Amount
- Freight Amount
- Total Amount
- Payments and Credits
- Finance Charges
- Outstanding Balance With Tokens

Move, Move All, Remove, Remove All

Description: Term Name-Oracle Receivables- Invoice Header View

Description: Outstanding balance as of <system date> in <currency>-Oracle

Layout

Select a layout for the content chosen above. 'XXXX' represents data.

Single Column (with item label)
Content Item Group Label: Item Label

Double Column (with item label)
Content Item Group Label: Item Label, Item Label

Mixed Column (with item label)
Content Item Group Label: Item Label

Create Template to present bills

Once the content and layout for each section is selected, the Invoice template will appear as given below:

Header						
Bill To Customer Name <Bill To Customer Name>						
Bill To Address Formatted <Bill To Address Formatted>			Ship To Customer Name <Ship To Customer Name>			
Remit To Address Formatted <Remit To Address Formatted>			Ship To Address Formatted <Ship To Address Formatted>		Transaction <Transaction Number>	
Shipping Date <Shipping Date>			Billing Date <Billing Date>			
Lines and Tax						
Item Num	Description	Sales Order Number	Quantity Shipped	Tax	Unit Price	Extended Amount
<Line Number>	<Item Description>	<Sales Order>	<Quantity>	<Line Tax Exists Flag>	<Unit Price>	<Extended Amount>
Footer						
SubTotal <Line Total Amount>						
Tax <Tax Amount>			Shipping <Freight Amount>			
Total <Total Amount>						
Payments and Credits <Payments and Credits>			Financial Charges <Finance Charges>			
Outstanding balance as of <system date> in <currency> <Outstanding Balance With Tokens>						

Create Template to present bills

Template Management > Templates > Create Template: Print Setup

General Information Primary Page Design Details Page Design **Print Setup** Preview

Create Template: Print Setup Template: HL Custom Invoice Template [Cancel](#) [Save](#) [Back](#) Step 4 of 5 [Next](#) [Finish](#)

Enter page dimensions in whole numbers or decimals.
* Indicates required field

Page Setup

Page Setup	A4	* Right Margin	0.5
Unit of Measure	Inches	* Left Margin	0.5
* Paper Height	11.69	Page Number	Top Left
* Paper Width	8.27	Font	Arial
* Top Margin	0.5	Font Size	10pt
* Bottom Margin	0.5		

Header Options

Header Display Primary Header first page
 Primary Header every page
 Primary Header first page, Secondary Header all other pages

Footer Options

Footer Display Primary Footer last page only
 Primary Footer every page

[Cancel](#) [Save](#) [Back](#) Step 4 of 5 [Next](#) [Finish](#)

Template Management Template Assignment Print Management Configuration Home Logout Preferences Help Personalize Page Diagnostics

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Create Template to present bills

Template Management > Templates > Create Template: Preview

Show Icon Legend

Logo Area
 <Company Logo>

Bill-to Address Bill To: <Bill To Customer Name> <Bill To Address Formatted>	Ship-to Address Ship To: <Ship To Customer Name> <Ship To Address Formatted>	Space Area	Remit Message Area <Default Message 1>								
Remit-to Address Remit To: <Remit To Address Formatted>		Trans Number,Dates Invoice <Transaction Number> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Billing Date</td> <td style="width: 50%;">Shipping Date</td> </tr> <tr> <td><Billing Date></td> <td><Shipping Date></td> </tr> </table>		Billing Date	Shipping Date	<Billing Date>	<Shipping Date>				
Billing Date	Shipping Date										
<Billing Date>	<Shipping Date>										
PO,SO Numbers Purchase Order Number <Purchase Order Number> Sales Order <Sales Order>		Shipping,Cust Ref <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Shipping Reference</td> <td style="width: 50%;">Ship Via</td> </tr> <tr> <td><Shipping Reference></td> <td><Shipping Via></td> </tr> <tr> <td>Customer Number</td> <td>Customer Location</td> </tr> <tr> <td><Customer Number></td> <td><Customer Location></td> </tr> </table>		Shipping Reference	Ship Via	<Shipping Reference>	<Shipping Via>	Customer Number	Customer Location	<Customer Number>	<Customer Location>
Shipping Reference	Ship Via										
<Shipping Reference>	<Shipping Via>										
Customer Number	Customer Location										
<Customer Number>	<Customer Location>										

Terms Area

Terms	Due Date	Salesperson	Customer Contact	Contact Phone	Contact Fax
<Term Name>	<Term Due Date>	<Primary Sales Rep Name>	<Customer Contact Name>	<Customer Phone>	<Customer Fax>

Page Lines Area

Item Num	Description	Sales Order Number	Quantity Shipped	Tax	Unit Price	Extended Amount
----------	-------------	--------------------	------------------	-----	------------	-----------------

Create Template to present bills

Default Invoice Template - II

		<Customer Number>		<Customer Location>		
Terms Area      						
Terms	Due Date	Salesperson	Customer Contact	Contact Phone	Contact Fax	
<Term Name>	<Term Due Date>	<Primary Sales Rep Name>	<Customer Contact Name>	<Customer Phone>	<Customer Fax>	
Page Lines Area  						
Item Num	Description	Sales Order Number	Quantity Shipped	Tax	Unit Price	Extended Amount
<Line Number>	<Item Description>	<Sales Order>	<Quantity>	<Line Tax Exists Flag>	<Unit Price>	<Extended Amount>
Instructions Area      				Invoice Subtotals      		
Special Instructions <Default Message 2> <Default Message 3>				SubTotal <Line Total Amount> Tax <Tax Amount> Shipping <Freight Amount> Total <Total Amount>		
				Invoice Payments      		
				Payments and Credits <Payments and Credits> Financial Charges <Finance Charges> Outstanding balance as of <Outstanding Balance With <system date> in <currency> Tokens>		
<input type="button" value="Cancel"/> <input type="button" value="Save"/> <input type="button" value="Back"/> Step 2 of 5 <input type="button" value="Next"/> <input type="button" value="Finish"/>						

Create Template to present bills

Template Management > Templates > Search Template

The screenshot displays the Oracle Bill Management interface. At the top, there are navigation tabs: Template Management, Template Assignment, Print Management, and Configuration. Below these are sub-tabs: Templates, Content Items, and External Templates. The main section is titled 'Search' and includes a note: 'Note that the search is case insensitive'. The search criteria are as follows:

- Template Name: HL Custom Invoice Template
- Primary Data Source: [Dropdown]
- Transaction Class: [Dropdown]
- Supplementary Data Source: [Dropdown]
- Tax Format: [Dropdown]
- Format: [Dropdown]
- Status: [Dropdown]

Buttons for 'Go' and 'Clear' are present. Below the search criteria, there are buttons for 'Select Template', 'Mark as Complete', 'Go', and 'Create'. A table of results is shown below:

Select	Template Name	Primary Data Source	Supplementary Data Source	Transaction Class	Tax Format	Template Format	Status	Update	Duplicate	Delete	Interactive Preview
<input checked="" type="checkbox"/>	HL Custom Invoice Template	Oracle Receivables	None	Invoice	Oracle Receivables Tax Printing Option		Incomplete				

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Template Assignment

- This step consists of:
 - Defining Rules
 - Assigning Template to Rule

Template Assignment

- Template Assignment > Assignment Rules

The screenshot shows the 'Create Assignment Rule: General Information' form in the Oracle E-Business Suite. The form is divided into several sections:

- General Information:** Includes fields for Rule Name (HL Custom Invoice Rule), Rule Description (HL Custom Invoice Rule), Primary Data Source (Oracle Receivables), and Supplementary Data Source (None). Buttons for 'Cancel' and 'Continue' are present.
- Rule Order:** A section for selecting the order to apply the rule for online and printed bills. It includes radio buttons for 'First' (selected) and 'After rule', and a dropdown menu set to 'Default Invoice Rule-2'.
- Attribute Matching Criteria:** A section for selecting attributes and entering matching criteria. It includes radio buttons for 'All attributes' (selected) and 'Any attributes'.
- Table:** A table with columns for Attribute Name, Condition, Value, and Remove. The first row is empty with the text 'No data exists.' The second row shows 'Add Attribute' with a dropdown set to 'Batch Source' and a 'Go' button.

Template Assignment

- Template Assignment > Assigned Templates
- Once the template is assigned to the rule, the screenshot will appear as given below

ORACLE Bill Management Home Logout Preferences Help Personalize Page Diagnostics

Template Management | **Template Assignment** | Print Management | Configuration

Assignment Rules | **Assigned Templates**

Assigned Templates

Search

Note that the search is case insensitive

Template Name:

Transaction Class:

Bill Creation From Date:

(example: 29-Mar-2007)

Bill Creation To Date:

Rule Name:

Primary Data Source:

Supplementary Data Source:

Template Name	Transaction Class	Template Status	Bill Creation From Date	Bill Creation To Date	Rule Name	Presentment	Primary Data Source	Supplementary Data Source
HL Custom Invoice Template	Invoice	Complete	01-Jan-2006		HL Custom Invoice Rule	Online and Print	Oracle Receivables	None

View Online Bills

- Internal users and external customers can view bills online using Oracle Receivables, Oracle iReceivables, Oracle Collections or other calling application.
- When a user selects a transaction number, the assignment engine in BPA determines which template to use to display the bill.
- When viewing a bill, all the features and functionality of BPA's Interactive Preview, such as drilldown to transaction details are available to the user.

Template Assignment

- Navigate to Template Management section and select the template to interactively preview. Click on Interactive preview icon

ORACLE Bill Management

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Template Management | **Template Assignment** | Print Management | Configuration

Templates | Content Items | External Templates

Templates

Search

Note that the search is case insensitive

Template Name: HL Custom Invoice Template

Primary Data Source: [Dropdown]

Transaction Class: [Dropdown]

Supplementary Data Source: [Dropdown]

Tax Format: [Dropdown]

Format: [Dropdown]

Status: [Dropdown]

Go Clear

Select Template: Mark as Complete [Dropdown] Go | Create

Select All | Select None

Select	Template Name	Primary Data Source	Supplementary Data Source	Transaction Class	Tax Format	Template Format	Status	Update	Duplicate	Delete	Interactive Preview
<input checked="" type="checkbox"/>	HL Custom Invoice Template	Oracle Receivables	None	Invoice	Oracle Receivables Tax Printing Option		Complete				

Select to interactively preview template

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help | Personalize Page | Diagnostics

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Template Assignment

- Select the transaction number and click on Online Preview icon

Search

Search for a transaction to preview the template.

Operating Unit:

Transaction Number Low:

Transaction Number High:

Customer Name:

Transaction Class: **Invoice**

Primary Data Source: **Oracle Receivables**

Supplementary Data Source: **None**

Select Transactions: ⏪ Previous 1-10 ⏩

[Select All](#) | [Select None](#)

Select	Transaction Number ▲	Operating Unit	Transaction Class	Customer Name	Online Preview	Print Preview
<input type="checkbox"/>	10000000	Vision Operations	Invoice	World of Business		
<input type="checkbox"/>	10000041	Vision Operations	Invoice	World of Business		
<input checked="" type="checkbox"/>	10000061	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000062	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000063	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000064	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000065	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000066	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000067	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000068	Vision Operations	Invoice	World of Business		

Data Retrieval

– Data Sources

ORACLE Bill Management Home Logout Preferences Help

Template Management | **Template Assignment** | Print Management | Configuration

Data Sources | Hyperlinks

Data Sources

Search

Note that the search is case insensitive

Data Source Name:

Data Source Description:

Data Source Level:

Oracle Receivables Interface Context:

Status:

Select Data Source: |

[Select All](#) | [Select None](#)

Select	Data Source Name	Data Source Description	Data Source Level	Oracle Receivables Interface Context	Status	Update	Synchronize	Views	Delete
<input checked="" type="checkbox"/>	Oracle Projects	Oracle Projects	Supplementary	PA INVOICES	Enabled				
<input type="checkbox"/>	Oracle Receivables	Oracle Receivables	Primary		Enabled				
<input type="checkbox"/>	Oracle Receivables Balance Forward	Oracle Receivables Balance Forward	Primary		Enabled				

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Data Retrieval

- Register Data Source/Search Context Code

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Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Configuration: Data Sources >

Register Data Source

* Indicates required field

* Data Source Name:

Data Source Description:

Data Source Level:

* Oracle Receivables Interface Context:

Cancel Apply

Cancel Apply

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Cancel Select

Search

To find your item, select a filter item in the pulldown list and enter a value in the text field, then select the "Go" button.

Search By:

Results

Select	Quick Select	Context Code	Context Name	Description
<input checked="" type="radio"/>		PA INVOICES	PA INVOICES	Project Accounting Invoices
<input type="radio"/>		PA Internal Invoices	PA Internal Invoices	Project Accounting Internal Invoices

Results: Oracle Receivables Interface Context

Data Retrieval

- Register Data Source

ORACLE Bill Management

Home Logout Preferences Help

Template Management | Template Assignment | Print Management | **Configuration**

Data Sources | Hyperlinks

Configuration: Data Sources >

Register Data Source

* Indicates required field

* Data Source Name

Data Source Description

Data Source Level **Supplementary**

* Oracle Receivables Interface Context

Cancel Apply

Cancel Apply

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Data Retrieval

- Synchronize Data Source

The screenshot shows the Oracle Bill Management web application interface. The main navigation tabs are Template Management, Template Assignment, Print Management, and Configuration. The current page is 'Data Sources', which includes a search section and a table of data sources.

Data Sources Search Form:

- Note that the search is case insensitive
- Data Source Name:
- Data Source Description:
- Data Source Level:
- Oracle Receivables Interface Context:
- Status:
- Buttons:

Select Data Source: |

[Select All](#) | [Select None](#)

Select	Data Source Name	Data Source Description	Data Source Level	Oracle Receivables Interface Context	Status	Update	Synchronize	Views	Delete
<input type="checkbox"/>	OKL Contracts	OKL Contracts	Supplementary	OKL_CONTRACTS	Disabled				
<input type="checkbox"/>	Oracle Order Management	Oracle Order Management	Supplementary	ORDER ENTRY	Disabled				
<input type="checkbox"/>	Oracle Service Contracts	Oracle Service Contracts	Supplementary	OKS CONTRACTS	Disabled				
<input checked="" type="checkbox"/>	Projects	Data Source for Projects	Supplementary	PA Internal Invoices	Disabled				
<input type="checkbox"/>	XX2054	Test 2054 Supp Data Source	Supplementary	ORDER ENTRY	Disabled				

Data Retrieval

- Synchronize Flexfield Content Items

The screenshot shows the Oracle Bill Management interface. The breadcrumb trail is: Configuration > Data Sources > Synchronize Flexfield Content Items. The current data source is 'Projects'. There are 'Cancel' and 'Apply' buttons at the top right of the configuration area.

Header and Footer

Column Name	*Item Name	Item Display Label	Template Item	Assignment Attribute
No results found.				

Lines and Tax

Column Name	*Item Name	Item Display Label	Template Item
INTERFACE_LINE_ATTRIBUTE1	Provider Project Number	Provider Project Number	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE2	Draft Invoice Number	Draft Invoice Number	<input checked="" type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE3	Receiving Operating Unit	Receiving Operating Unit	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE4	Project Manager	Project Manager	<input checked="" type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE5	Cross Charged Project Number	Cross Charged Project Number	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE6	Line Number	Line Number	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE7	Type	Type	<input type="checkbox"/>

At the bottom right of the configuration area, there are 'Cancel' and 'Apply' buttons.

Data Retrieval

- Register View: Parameters and Content Items

The screenshot shows the 'Register View: Parameters and Content Items' configuration screen in the Oracle Bill Presentation Architecture tool. The interface includes a breadcrumb trail 'Configuration: Data Sources > Views >', a title bar 'Register View: Parameters and Content Items', and a summary table with the following data:

Data Source	Projects
Display Area	Header and Footer
View Display Name	Projects Customers

Buttons for 'Cancel!', 'Back', and 'Finish' are visible. Below the summary table is a 'Parameters' section with the instruction 'Select column name and value to filter the view.' It contains a table with the following structure:

Parameter Type	Column Name	Value	Remove
No data exists			
Add Parameter	Fixed Value		Go

The 'Content Items' section features a table with the following columns: Column Name, *Item Name, Item Display Label, and Template Item. The table contains 10 rows of data:

Column Name	*Item Name	Item Display Label	Template Item
AGREEMENT_ID	Agreement Id	Agreement Id	<input checked="" type="checkbox"/>
APPROVED_BY_PERSON_ID	Approved By Person Id	Approved By Person Id	<input checked="" type="checkbox"/>
APPROVED_DATE	Approved Date	Approved Date	<input checked="" type="checkbox"/>
AR_INVOICE_NUMBER	Ar Invoice Number	Ar Invoice Number	<input checked="" type="checkbox"/>
BILL_THROUGH_DATE	Bill Through Date	Bill Through Date	<input type="checkbox"/>
CREATED_BY	Created By	Created By	<input type="checkbox"/>
CREATION_DATE	Creation Date	Creation Date	<input type="checkbox"/>
CUSTOMER_TRX_ID	Customer Trx Id	Customer Trx Id	<input checked="" type="checkbox"/>
DRAFT_INVOICE_NUM	Draft Invoice Num	Draft Invoice Num	<input checked="" type="checkbox"/>

Navigation controls for the Content Items table include 'Previous', '1-10', and 'Next 10'.

Data Retrieval

- Enable Data Source

The screenshot shows the Oracle Bill Management web application interface. The main navigation bar includes 'Template Management', 'Template Assignment', 'Print Management', and 'Configuration'. The 'Configuration' tab is active, and the 'Data Sources' sub-tab is selected. Below the navigation, there is a search section with fields for 'Data Source Name', 'Data Source Description', 'Data Source Level', 'Oracle Receivables Interface Context', and 'Status'. A 'Go' button is present next to the search filters. Below the search section, there is a 'Select Data Source:' dropdown menu with options 'Mark as Enabled', 'Mark as Disabled', and 'Mark as Enabled'. A 'Go' button and a 'Register' button are also visible. Below this, there is a table of data sources with columns for 'Select', 'Data Source Name', 'Data Source Description', 'Data Source Level', 'Oracle Receivables Interface Context', 'Status', 'Update', 'Synchronize', 'Views', and 'Delete'. The 'Projects' data source is selected with a checkmark.

Select	Data Source Name	Data Source Description	Data Source Level	Oracle Receivables Interface Context	Status	Update	Synchronize	Views	Delete
<input type="checkbox"/>	OKL Contracts	OKL Contracts	Supplementary	OKL_CONTRACTS	Disabled				
<input type="checkbox"/>	Oracle Order Management	Oracle Order Management	Supplementary	ORDER ENTRY	Disabled				
<input type="checkbox"/>	Oracle Service Contracts	Oracle Service Contracts	Supplementary	OKS CONTRACTS	Disabled				
<input checked="" type="checkbox"/>	Projects	Data Source for Projects	Supplementary	PA Internal Invoices	Disabled				
<input type="checkbox"/>	XX2054	Test 2054 Supp Data	Supplementary	ORDER ENTRY	Disabled				

Print BPA Invoices

Page 1 of 1

Your Company Logo

Bill To:
Computer Service and Rentals
301 Summit Hill Drive
CHATTANOOGA, TN 37401

Ship To:
Computer Service and Rentals
50 King Street
TORONTO ONTARIO M5H3Y2
CANADA

Remit To:
PO Box 680978
ATTN: Accounts Receivable
Vision Corporation
NEW YORK, NY 10022

Please include the invoice number on all remittances and include remittance copy with postal payments.

Invoice	
10000061	
Billing Date	Shipping Date
04-Jan-1996	04-Jan-1996
Purchase Order Number	
Sales Order	
11000	
Shipping Reference	Ship Via
Customer Number	Customer Location
1006	Chattanooga (OPS)

Terms	Due Date	Salesperson	Customer Contact	Contact Phone	Contact Fax
Net 15	19-Jan-1996	Manley, Ms. Elaine			

Item Num	Description	Quantity	Shipped	Tax	Unit Price	Extended Amount
1	Consulting/Training	20	No		1,100.00	22,000.00
2	Sentinal Multimedia	150	No		10,000.00	1,500,000.00

Special Instructions
For questions regarding this invoice, please contact salesperson.
A 1.5% finance charge is added to all past due invoices. All software is licensed in accordance with the terms and conditions of the Software License and Services agreement or the referenced GSA Schedule contract.

SubTotal	1,522,000.00
Tax	0.00
Shipping	0.00
Total	1,522,000.00
Payments and Credits	1,522,000.00
Financial Charges	0.00
Outstanding balance	0.00
as of 29-Mar-2007 in CAD	

Delivery Options

- Invoice Print BPA Master program generates one PDF file for each group of invoices and stores it as the output file of the concurrent program.
- The PDF file can be saved and emailed as attachment to the Customers

Thank You