



ORACLE BUSINESS INTELLIGENCE WORKSHOP

Sending Alerts Using Oracle Business Intelligence Delivers

Purpose

In this tutorial, you learn how to create alerts in a dashboard on the BIC2G:EE 10.1.3.2 VMWare image (Linux Edition v1.0).

Time to Complete: Approximately 1 hour.

Topics

This tutorial covers the following topics:

	Page
Overview.....	2
Scenario.....	2
Prerequisites.....	3
Hardware and Software Requirements	3
Reference Material	4
Configuring Scheduler Tables	4
Configuring Scheduler	6
Creating and Delivering an iBot	10
Creating a Request and Adding it to Your Interactive Dashboard	11
Creating and Delivering a Simple iBot.....	25
Creating and Delivering a Conditional iBot.....	39
Chaining an iBot	46

Overview

Oracle Business Intelligence Delivers (Delivers) is the interface used to create alerts based on Oracle Business Intelligence Answers (Answers) results.

Answers is an extremely powerful, ad hoc data query tool that enables you to perform multidimensional analysis in a pure Web architecture. You can use Delivers to detect specific results and notify the appropriate person or group through Web, wireless, mobile, and other voice communication channels.

Delivers works in tandem with Oracle Business Intelligence Scheduler (Scheduler). iBots deliver reports and alerts to end users. iBots are configured and submitted for execution using Delivers. Scheduler is an extensible application and server that manages and schedules jobs. Oracle BI Scheduler supports two kinds of jobs:

- ▣ **Scripted Jobs:** Scripted jobs are set up and submitted, using the Job Manager feature of the Oracle Business Intelligence Server Administration Tool. For example, a scripted job can periodically load Oracle BI Server usage statistics into a back-end database. For scripted jobs, Oracle BI Scheduler communicates with Oracle BI Server.
- ▣ **Unscripted Jobs:** Unscripted jobs are called **iBots**. iBots deliver reports and alerts to end users. iBots are configured and submitted for execution, using Oracle Business Intelligence Delivers. Oracle BI Scheduler communicates with Oracle Business Intelligence Presentation Services for unscripted jobs and must be installed and configured to deliver iBots.

This tutorial covers how to use Delivers and Scheduler to create iBots based on Answers results and build alerts that can be sent to user's dashboards or other delivery devices. You learn how to configure delivery devices, add delivery profiles, add alerts, create iBots, and configure Scheduler.

Scenario

The dashboard you build in this tutorial charts sales for the last 12 months by channel, country region, and product category and provides trend analysis data

as well as narrative highlights of categories that have declined in sales in the last month.

Prerequisites

This tutorial is only for the Windows environment. In order for this lesson to work successfully, you should:

1. Complete the tutorial, **Creating Interactive Dashboards and Using Oracle Business Intelligence Answers**.
2. Complete the tutorial, **Creating the Metadata for BI Answers Using Oracle Business Intelligence Administrator**.
3. **Optional** - To enable email delivery through a local freeware mail server.

Install and configure the ArGoSoft mail server as described in the “**Course technical pre-requisites**” document

Hardware and Software Requirements

The following is a list of hardware and software requirements:

- ▣ Supported Browsers include:
 - Microsoft Internet Explorer 6.0
 - Microsoft Internet Explorer 7.0
 - Firefox 1.5.x
 - Firefox 2.0
 - Mozilla 1.7.x
 - Netscape 7.2.x
- ▣ Client Operating Systems:
 - Microsoft Windows 2000 Professional with Service Pack 3 or above
 - Microsoft Windows 2003 Professional with Service Pack 1 or above (32-bit only)
 - Microsoft Windows XP Professional with Service Pack 1 or above
- ▣ Server Operating Systems:

- For Oracle BI Server: Microsoft Windows 2000 Service Pack 4/2003 Server

Reference Material

The following is a list of useful reference material should you need additional information:

- **Documentation:** [Oracle Business Intelligence Enterprise Edition Documentation](#)
- **Education:**
 - [Oracle BI 10g: Analytics Overview \(eStudy\)](#)
 - [Oracle BI Presentation Services 10g: Create Reports/Dashboards \(Instructor-Led Training\)](#)
 - [Oracle BI Server Administrator 10g: Build Repositories Rel 1\(Instructor-Led Training\)](#)
 - [Oracle Business Intelligence Enterprise Edition 10g \(10.1.3.2\) \(Oracle By Example\)](#)

Configuring Scheduler Tables

In this topic you create the Scheduler tables. To deliver iBots, the Scheduler must be configured and four tables must be created and populated with information from the Scheduler jobs. These tables store information about a job instance, parameters, and the schedule. The Scheduler, in turn, monitors these tables and performs any necessary actions. These tables are S_NQ_ERR_MSG, S_NQ_INSTANCE, S_NQ_JOB, and S_NQ_JOB_PARAM.

These scheduler tables are pre-populated in the VMWare BIC2G image under the schema S_NQ_SCHED (with identical password S_NQ_SCHED).

Should you wish to configure Scheduler tables on a new platform or re-deploy in the BIC2G image, perform the following steps:

Optional: For re-deploying existing scheduler tables only

1. Click **Start > All Programs > Oracle-OraDB102 > Application Development > SQL Plus**.

Tables can be stored in any schema, but instructions in this OBE assume they are in the S_NQ_SCHEDULED schema. Log on using the following credentials, and click **OK**:

User Name: **S_NQ_SCHEDULED**

Password: **S_NQ_SCHEDULED**

Host String: **orcl**

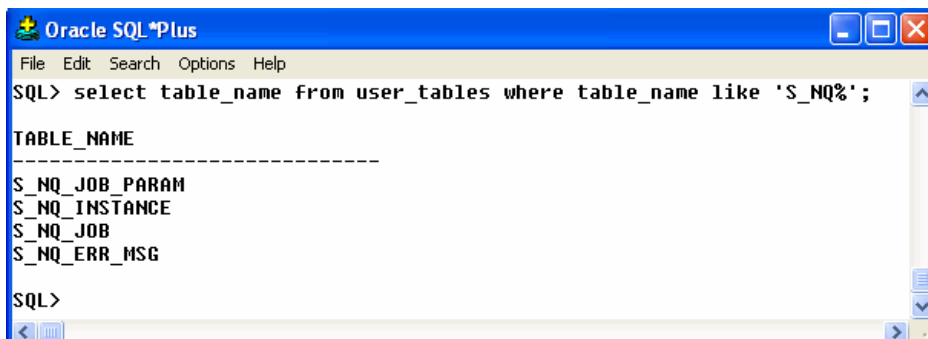
2. In Oracle SQL*Plus, enter the following string at the SQL > prompt to run the attached batch sql file:

SAJOBS.Oracle.sql

```
start
<InstallDrive>\oraclebi\server\schema\sajobs.oracle.sql;
```

Verify that the tables were created by entering the following string at the SQL > prompt:

```
select table_name from user_tables where
table_name like 'S_NQ%';
```



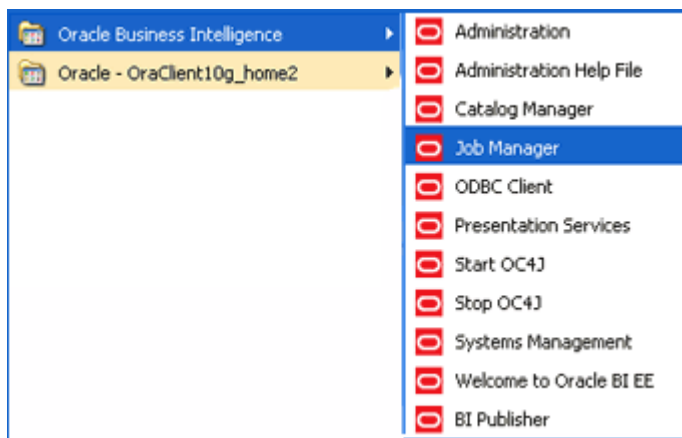
3. Enter **Exit** at the SQL > prompt to close Oracle SQL*Plus.

Configuring Scheduler

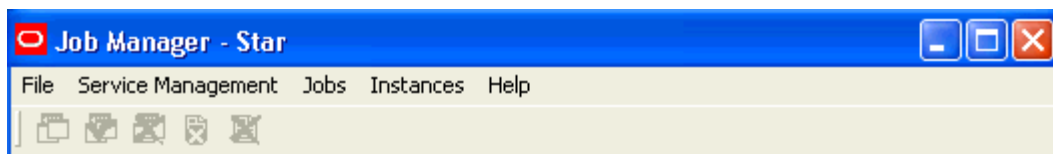
Now that you have created the tables for storing information about Scheduler jobs in the SH database, you need to configure Scheduler. You set Scheduler configuration options in the Job Manager Configuration dialog box, a feature of the Oracle Business Intelligence Administration Tool (Administration Tool). **Note:** You can access the Job Manager tool directly from the Oracle Business Intelligence start menu or through the Administration Tool.

To configure Scheduler, perform the following steps:

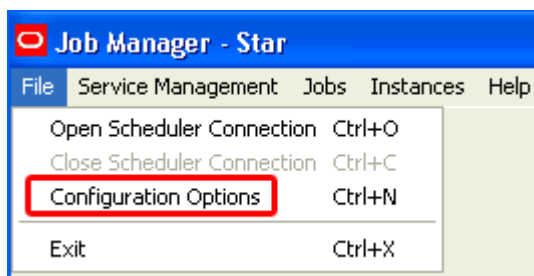
1. Click **Start > All Programs > Oracle Business Intelligence > Job Manager**.



Job Manager appears.



2. Select **File > Configuration Options**.



The Scheduler Configuration dialog appears.

3. Enter the appropriate information as follows:

A. Select the **Scheduler** tab. The **Database** sub-tab shows connection pool information and database table names. Enter the following values in the appropriate text boxes:

Database **Oracle 10g R2**

Type:

Call Interface: **OCI 10g R1/R2** (**Note:** The machine running Oracle BI Server **must** use the Oracle Call Interface (OCI) to connect to the database.)

Data Source **orcl**

Name:

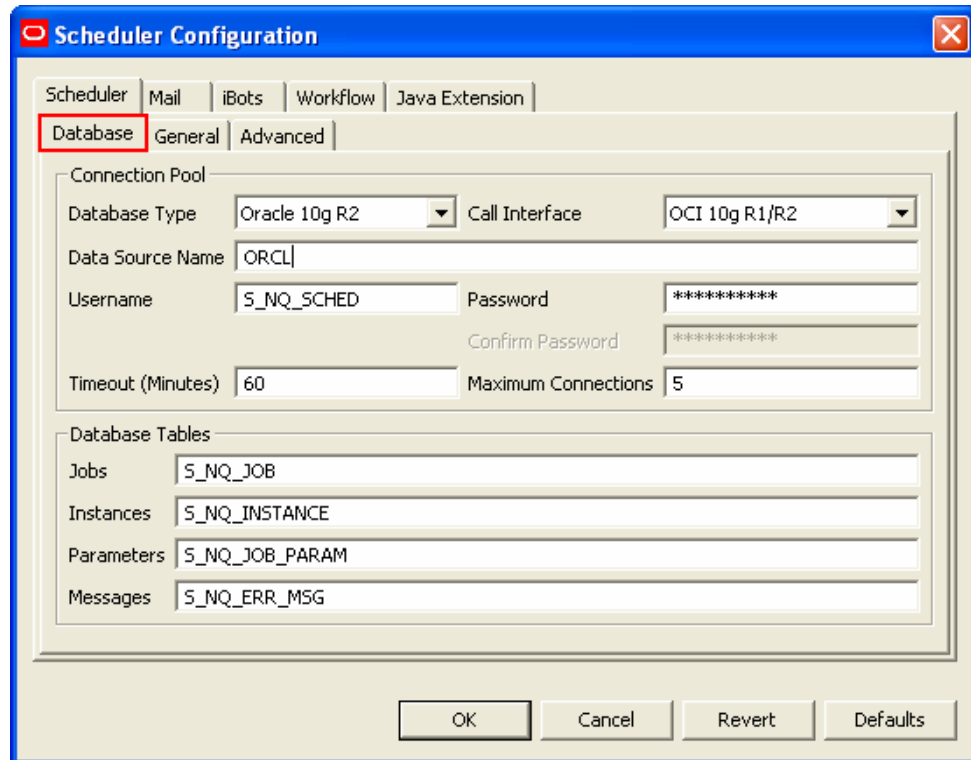
Username: **S_NQ_SCHED**

Password: **S_NQ_SCHED**

Confirm **S_NQ_SCHED**

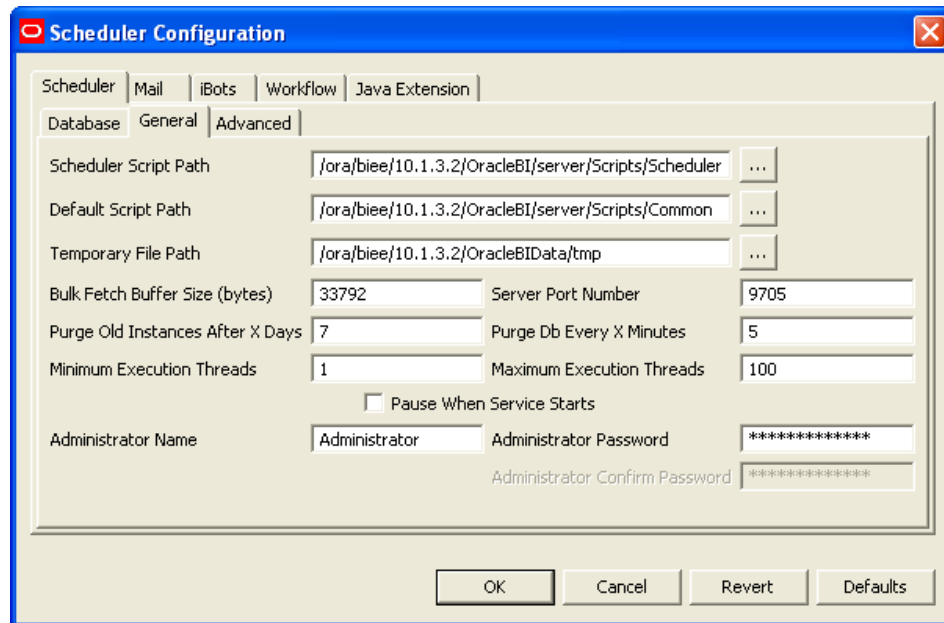
Password:

Verify that your values are the same as those that appear in the screenshot.



B. Click the **General** sub-tab and enter

- Administrator Name: **Administrator**
- Administrator Password: **Administrator**
- Scheduler Script Path:
/ora/biee/10.1.3.2/OracleBI/server/Scripts/Scheduler
- Default Script Path:
/ora/biee/10.1.3.2/OracleBI/server/Scripts/Common
- Temporary file path: */ora/biee/10.1.3.2/OracleBIData/tmp*

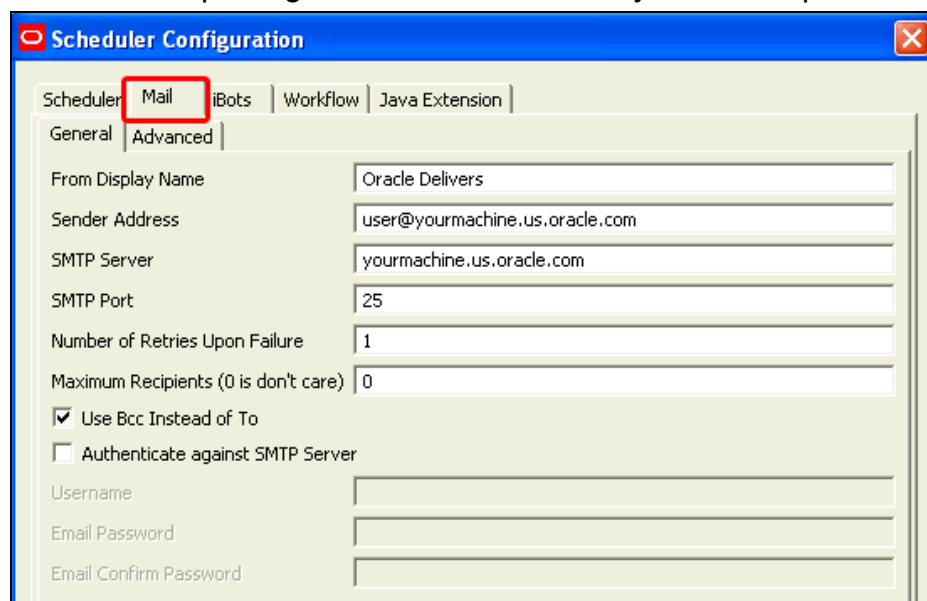


4. Optional Step – requires ArgoSoft (or other) mail server available.

Next you configure your mail server. It is critical that you specify the SMTP server that delivers your mail.

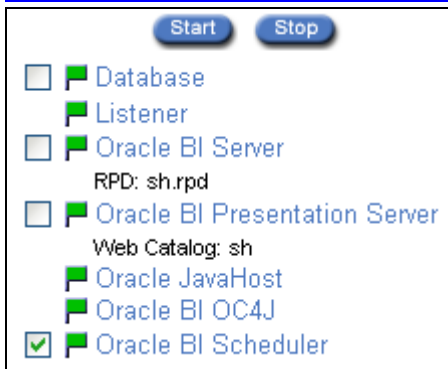
Note: As this is a standalone installation for demonstration purposes, for this iteration only the Microsoft SMTP service is stopped to ensure that the ArGoSoft Mail service works properly.

Click the Mail tab and verify that all text boxes correspond to those in the screenshot below replacing the domain name with yours as required.



Click **OK** to close the Scheduler Configuration window. Exit the Job Manager and the Oracle BI Administration Tool.

5. Use the Process control page to **Stop** and then **Start** Oracle BI Scheduler:
http://oracle2go.us.oracle.com/go/process_control/pc.html



Creating and Delivering an iBot

Oracle BI Delivers uses intelligence agents or Web robots, called iBots. **iBots** are software-based agents driven by schedule or events (chained iBots) that can access, filter, and perform analytics on data based upon defined criteria. iBots provide proactive delivery of real-time, personalized, and actionable intelligence throughout the business network. iBots also provide intelligence from data spanning operational and analytical sources. Upon detection of a problem or opportunity, iBots can determine the appropriate individuals to notify and deliver information to them through a wide range of devices (such as email, pager, PDA, mobile phones, and so on).

When a user creates and schedules an iBot in Oracle BI Delivers, the Oracle BI Presentation Server gathers information about the iBot such as its priority, the intended recipients, and the devices to which content should be delivered. The Oracle BI Presentation Server packages this information and other characteristics into a job, and then informs Oracle BI Scheduler when to execute the job.

This sub-topic shows you how to create a request in Answers and an iBot that delivers an alert to your Interactive Dashboard. Additionally, you learn how to chain iBots together so that the results of one iBot request trigger the delivery of another.

- ☒ [Creating a Request and Adding it to Your Interactive Dashboard](#)
- ☒ [Creating and Delivering a Simple iBot](#)
- ☒ [Creating and Delivering a Conditional iBot](#)
- ☒ [Chaining an iBot](#)

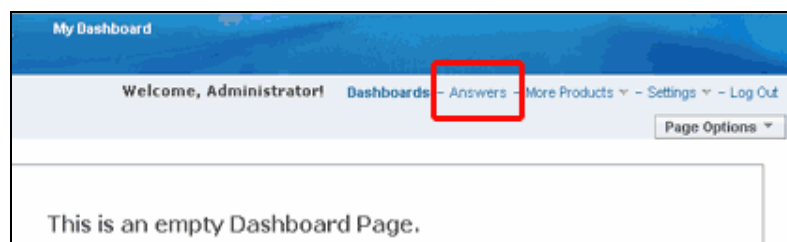
Creating a Request and Adding it to Your Interactive Dashboard

1. Before you create an iBot and schedule the iBot for delivery, you need to ensure that you are able to create a request and publish the request to a dashboard.

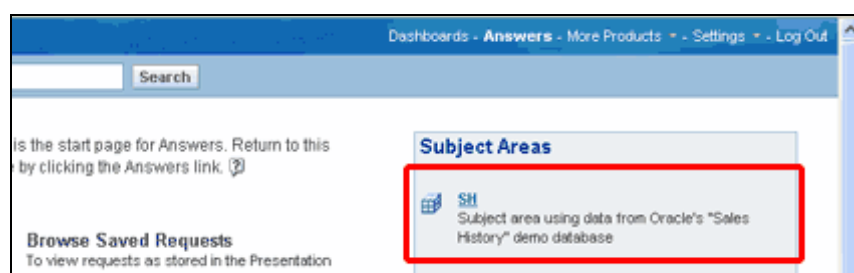
If Oracle Business Intelligence is not currently open, click **Start > All Programs > Oracle Business Intelligence > Presentation Services**, enter **Administrator** in both the **User ID** and **Password** text boxes, and click **Log In**.

The Oracle Interactive Dashboard appears.

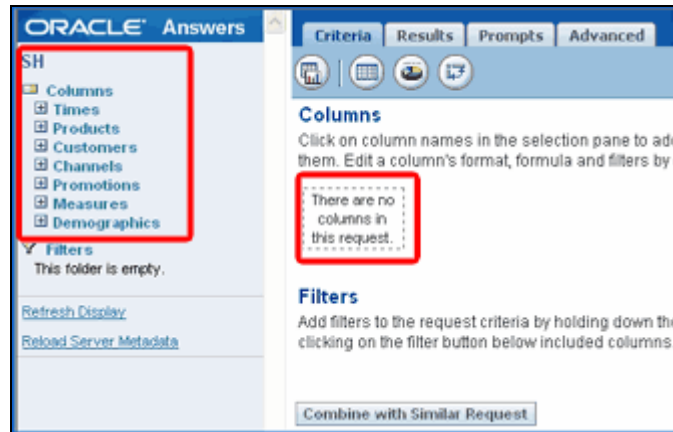
Click the **Answers** link.



The Answers window appears. Select the **SH** subject area from the panel on the right.



2. The Catalog folders on the left are replaced by SH Subject Area columns. Create a new request by expanding a sub-folder from the left panel and selecting (single-clicking) each column. The column will be added to the Workspace area on the right panel.

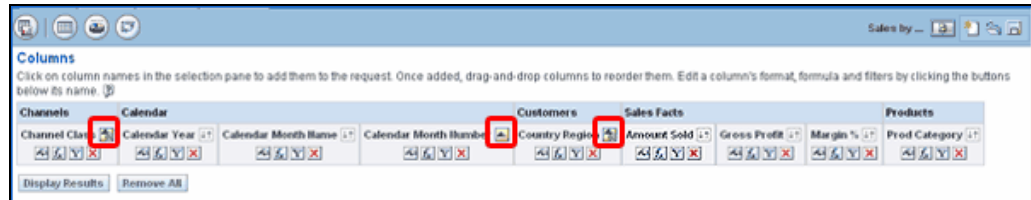


Click the following columns on the left panel: **Channel Class**, **Calendar Year**, **Calendar Month Name**, **Calendar Month Number**, **Country Region**, **Amount Sold**, **Gross Profit**, **Margin %**, and **Product Category**.

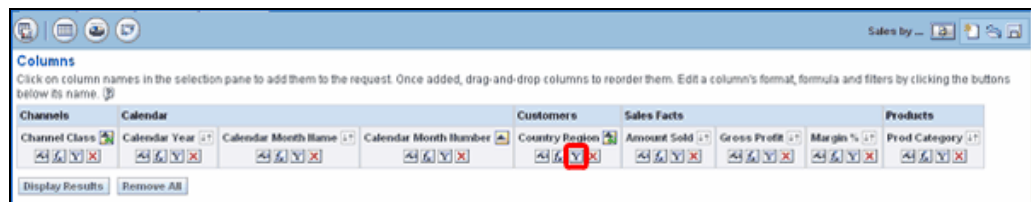


3. To make your request more meaningful, you sort the criteria and add a filter to remove the Middle East region as no data exists for this particular region.

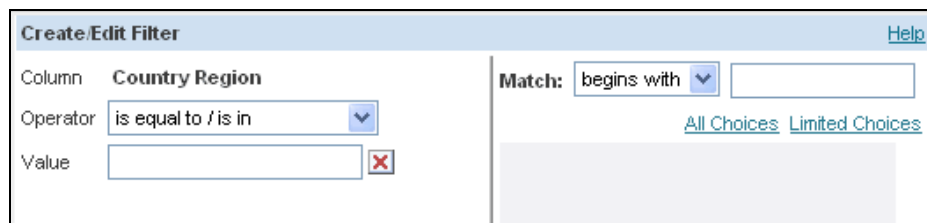
A. In this specific order, click the **Sort** button  for **Calendar Month Number, Channel Class, and Country Region**.



B. Next, click the **Filter** button  for **Country Region**.

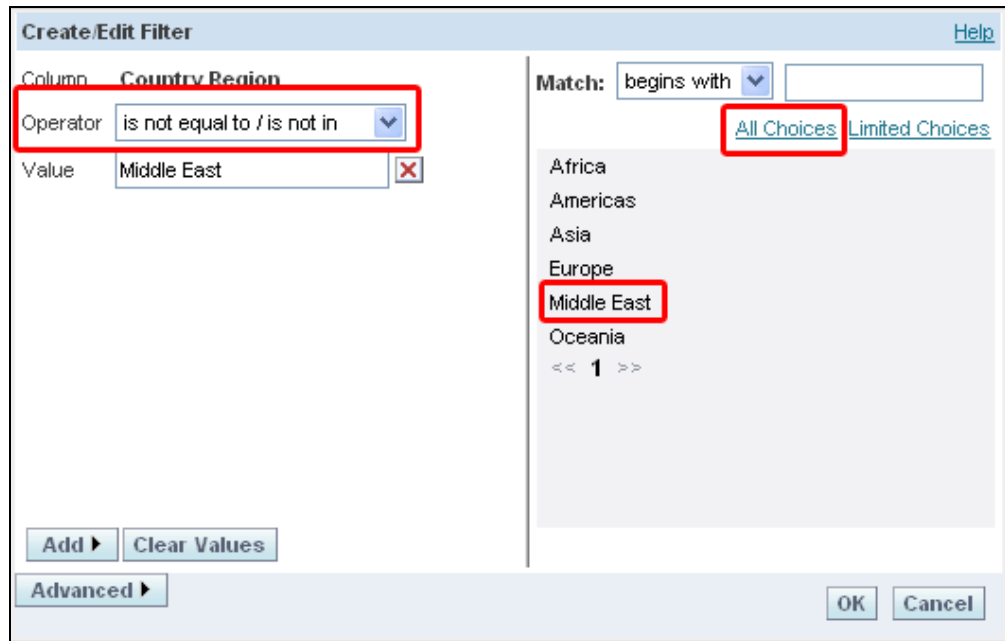


The Create/Edit Filter dialog appears.

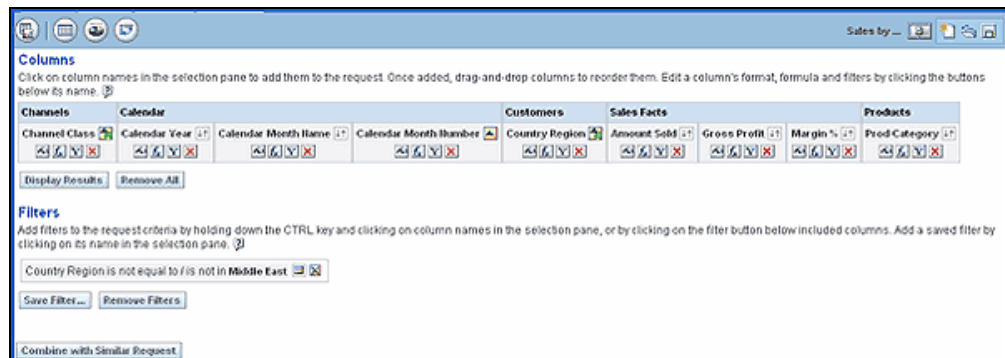


The 'Create/Edit Filter' dialog box is shown. It has a 'Column' field set to 'Country Region'. The 'Operator' is set to 'is equal to / is in'. The 'Value' field is empty. On the right, the 'Match' dropdown is set to 'begins with'. There are links for 'All Choices' and 'Limited Choices'.


C. Click the **All Choices** link and select **Middle East**. The Value text box populates automatically. Click the **Operator** drop-down list and select **is not equal to / is not in**.

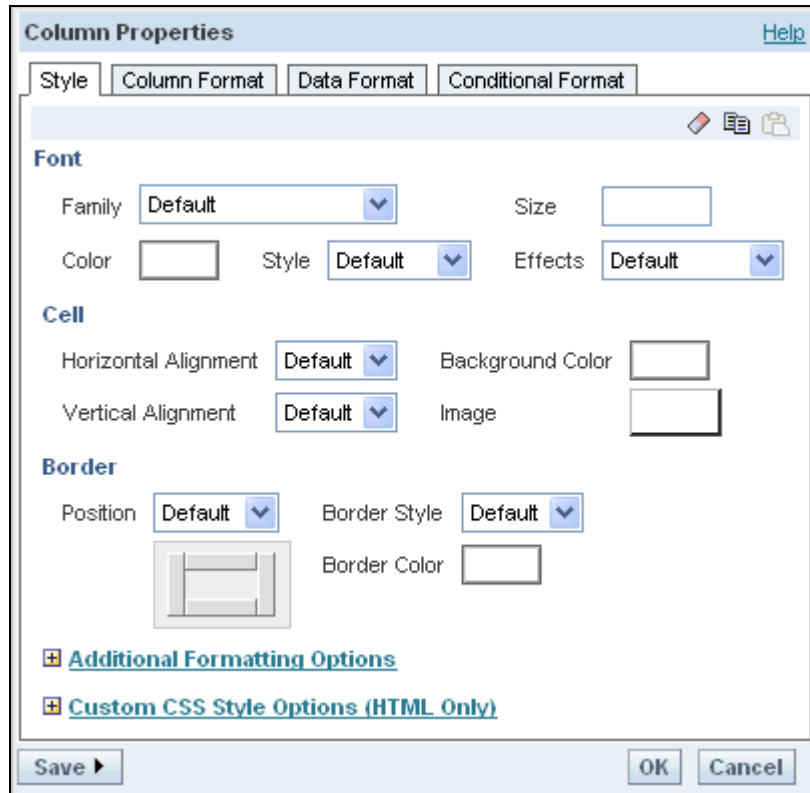


D. Click **OK** to add the filter to your request. Your request criteria should look like the screenshot below.

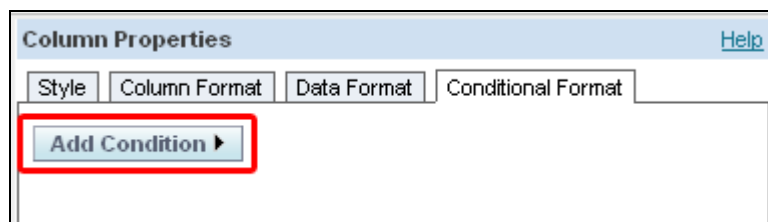


4. Add conditional formatting to the request to accentuate the best and worst performing regions by Year, Product Category, and Channel.

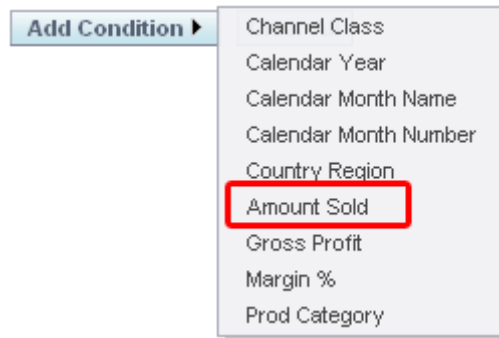
A. Click the **Column Properties** button  for **Amount Sold** and select the **Conditional Format** tab.



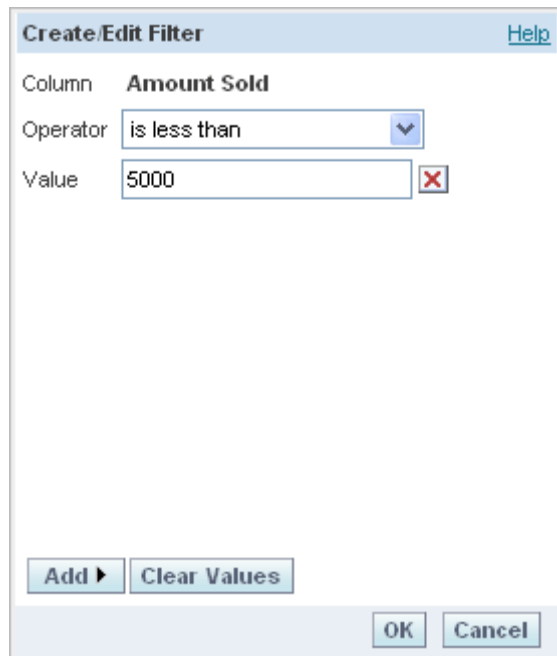
B. Click **Add Condition**.



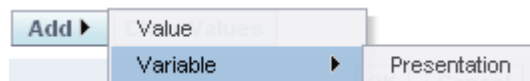
C. Select **Amount Sold**.



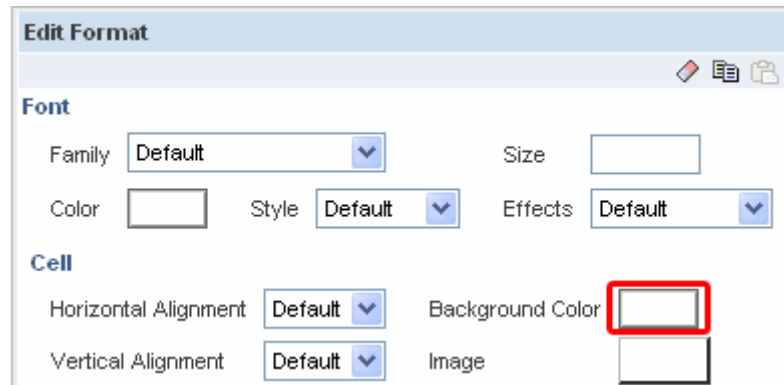
D. The Create/Edit Filter dialog appears. Select **is less than** from the **Operator** drop-down list. Enter **5000** (five thousand) in the **Value** text box.



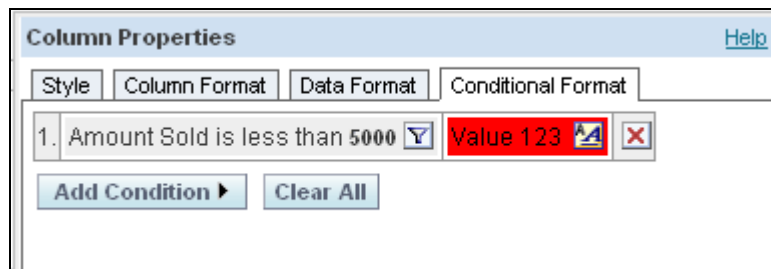
E. Click **Add > Variable > Presentation**. Click **OK**.



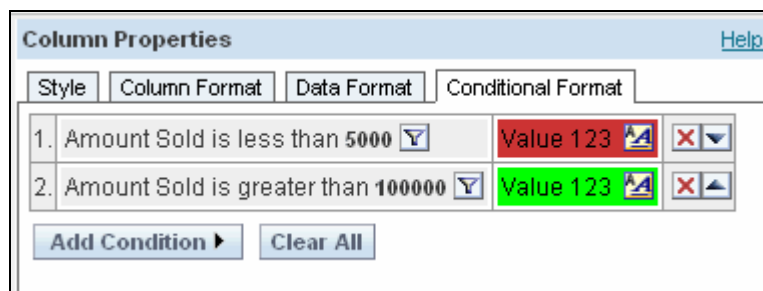
F. The Edit Format dialog appears. Click the **Background Color** button, select any red color, and click **OK > OK**.



G. The Column Properties dialog appears once again. Click **Add Condition** once again, but this time set the Amount Sold condition to display a green color when the value exceeds 100000 (one hundred thousand).




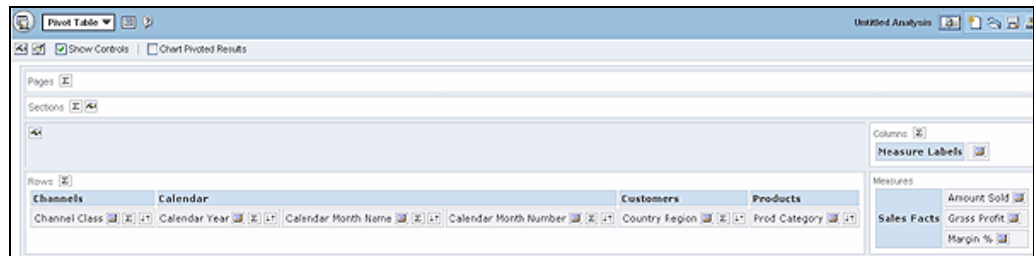
H. The Column Properties dialog should look like the screenshot below.




I. Once you have finished adding the second condition, click **OK** in the Column Properties dialog to return to the Criteria tab.

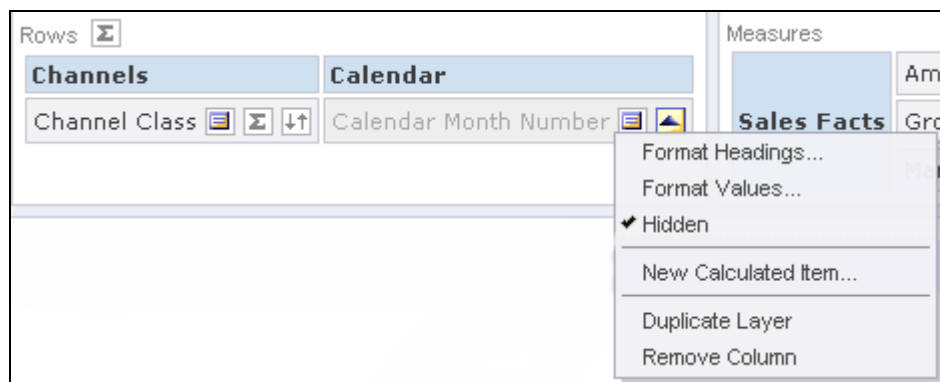
5. Next you set up a pivot table that will ultimately appear on your dashboard.

A. Click the **Pivot Table** button . Your pivot table work area should like the screenshot below.

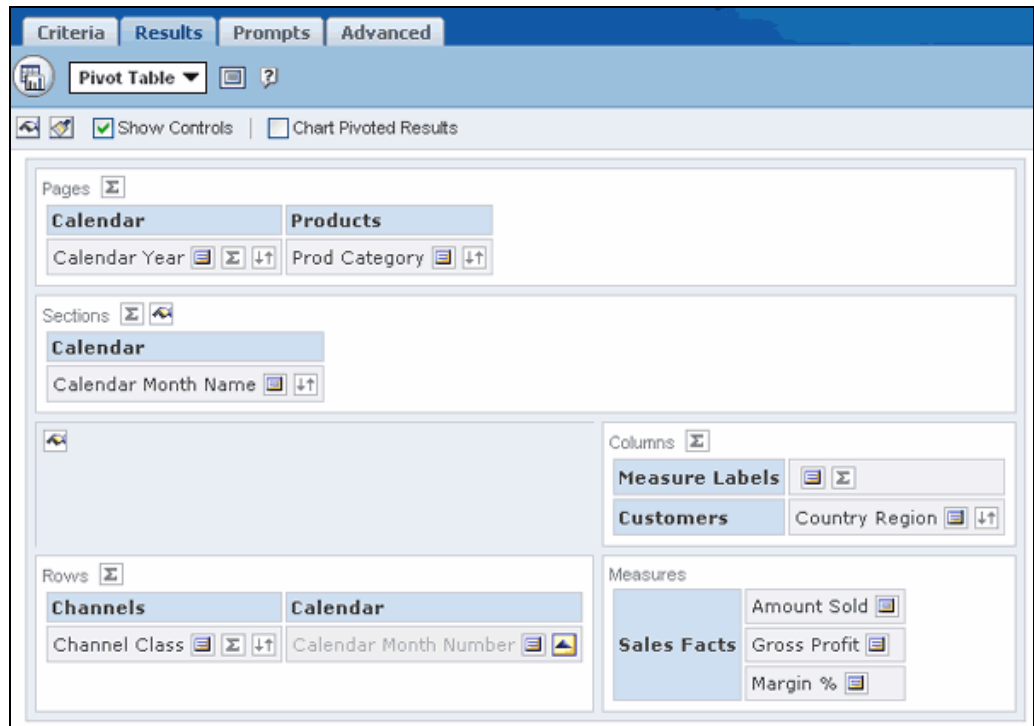


Hint: Channel Class, Calendar Year, Calendar Month Name, Calendar Month Number, Country Region, and Prod Category columns should appear under the **Rows** label. Amount Sold, Gross Profit, and Margin % should appear under the **Measures** label.

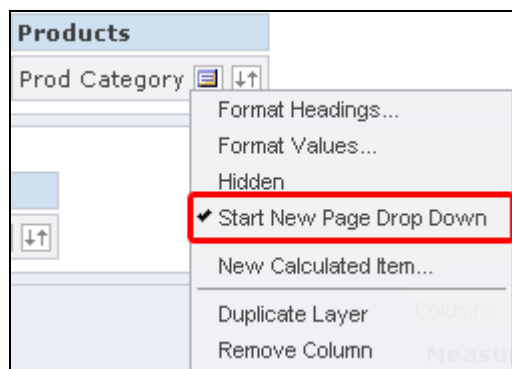
Calendar Month Number was added to the request to enable sorting. For display purposes however, this column is not necessary. Click the **More Options** button  and hide this column.



B. Next, you need to set up the appropriate layout. Drag **Calendar Year** and **Prod Category** to the Pages area, **Calendar Month Name** to the Sections area, and **Country Region** to the Columns area (drag this below the Measure Labels).



C. Click the **More Options** button  for **Prod Category** and select **Start New Page Drop Down**.



Your request appears below the **Display Results** link.

Display Results

Calendar Year: 2001
Prod Category: Hardware

January

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	120131.53	16449.21	77752.88	10201.30	20117.49	2581.84	13454.35	1894.43	16.75	15.89	17.30	18.57
Indirect	20216.41	3330.59	11227.99	1493.07	4203.05	802.58	2217.59	330.91	20.79	20.42	19.75	22.09
Others	64051.96	9114.75	24252.69	1545.78	11651.48	1685.91	4445.37	306.18	18.19	18.50	18.33	19.81

February

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	111854.44	22642.92	57865.24	11797.10	20131.84	4039.92	10324.24	2366.90	18.00	17.84	17.84	20.06
Indirect	42060.36	13130.66	17782.46	3019.48	8759.66	2655.17	3368.52	719.66	20.83	20.22	18.94	23.83
Others	66847.77	17242.29	16093.87	8708.87	11677.17	3030.47	2724.83	1598.52	17.47	17.58	16.93	18.36

March

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	133148.47	22007.57	90800.68	18589.58	25386.58	3386.83	15096.05	2868.28	16.36	15.39	16.63	15.43
Indirect	66380.52	11263.90	32162.86	16595.13	12639.40	1950.10	5990.90	3159.85	19.04	17.31	18.63	19.04
Others	84734.07	21417.87	21240.94	11583.56	15888.62	3906.82	4123.64	2211.86	18.75	18.24	19.41	19.09

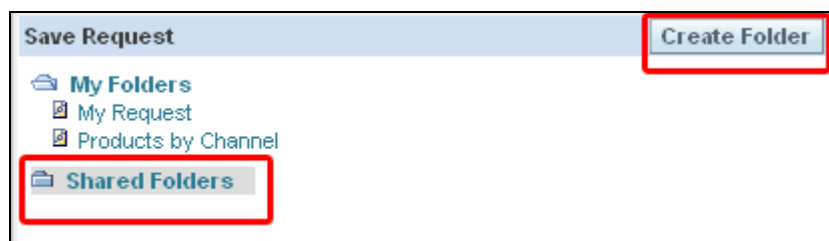
April

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	128594.42	27218.38	101143.39	5813.69	22844.23	4589.34	17138.57	946.45	16.36	16.86	16.94	16.28
Indirect	58609.74	15352.67	21457.38	3154.11	10055.57	2811.01	4046.79	714.58	17.76	18.31	18.86	17.16
Others	83124.34	23990.72	42600.54	9019.16	15790.86	4632.72	8315.22	1758.84	19.00	19.31	19.52	19.50

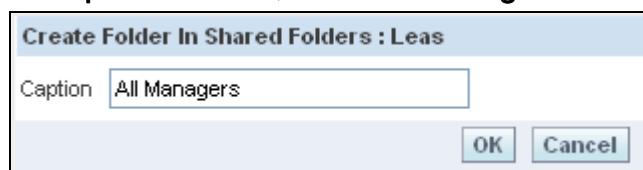
This request shows how well each Product Category is performing across all Regions (except the Middle East), by Channel. By setting up Calendar Year and Prod Category as separate page items, you are able to manage the display. The conditional formatting signals outstanding performance and highlights where improvements should be made.

6. A. Click **Save Request** .

B. Click **Shared Folders** and then click **Create Folder**.



C. In the **Caption** text box, enter **All Managers** and click **OK**.



D. In the **Name** text box, give your request a meaningful name and then click OK.

7. Now you need to prepare the request for display on your dashboard.>

A. Click the **Manage Display** button . The Compound Layout view appears.

B. Click the **X** in the upper-right corner for the **Table** display. This will remove the table view from your request.

Channel Class	Calendar Year	Calendar Month Name	Calendar Month Number	Country Region	Amount Sold	Gross Profit	Margin %	Prod Category
					120731.83	20117.49	16.75	Hardware
					130200.80	22936.52	17.22	Electronics
	2001	January			182611.58	34403.01	21.03	Peripherals and Accessories
					100200.10	25593.50	23.68	Photo
					89859.06	22208.77	24.72	Software/Other
					67860.42	11856.12	17.47	Electronics
	1998	January			104604.30	52404.34	26.82	Hardware
					211269.82	77079.68	24.76	Peripherals and Accessories
					160186.01	61978.62	37.29	Photo
					222200.77	26521.49	20.37	Software/Other

Your request should look like the screenshot below.

Criteria Results Prompts Advanced

Compound Layout ?

Add View: [Icons]

Pivot Table

Calendar Year: 2001

Prod Category: Hardware

January

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	120131.53	16449.21	77752.88	10201.30	20117.49	2581.64	13454.35	1894.43	16.75	15.69	17.30	18.57
Indirect	20216.41	3930.85	11227.99	1495.07	4203.05	802.58	2217.59	330.91	20.79	20.42	19.75	22.09
Others	64051.96	9114.75	24252.69	1565.78	11651.48	1685.91	4445.37	306.18	18.19	18.50	18.33	19.81

February

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	111854.44	22642.92	57865.24	11797.10	20131.64	4039.92	10324.24	2366.90	18.00	17.84	17.84	20.06
Indirect	42060.36	13130.66	17782.46	3019.40	8759.66	2655.17	3368.52	719.66	20.83	20.22	18.94	23.83
Others	66847.77	17242.29	16093.87	8708.87	11677.17	3030.47	2724.83	1598.52	17.47	17.58	16.93	18.36

March

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	135140.41	22007.57	90800.68	18589.58	25386.58	3386.83	15096.05	2868.28	16.36	15.39	16.63	15.43
Indirect	66380.52	11263.90	32162.86	16595.13	12639.40	1950.10	5990.90	3159.85	19.04	17.31	18.63	19.04
Others	84734.07	21417.67	21240.94	11583.56	15888.62	3906.82	4123.64	2211.86	18.75	18.24	19.41	19.09

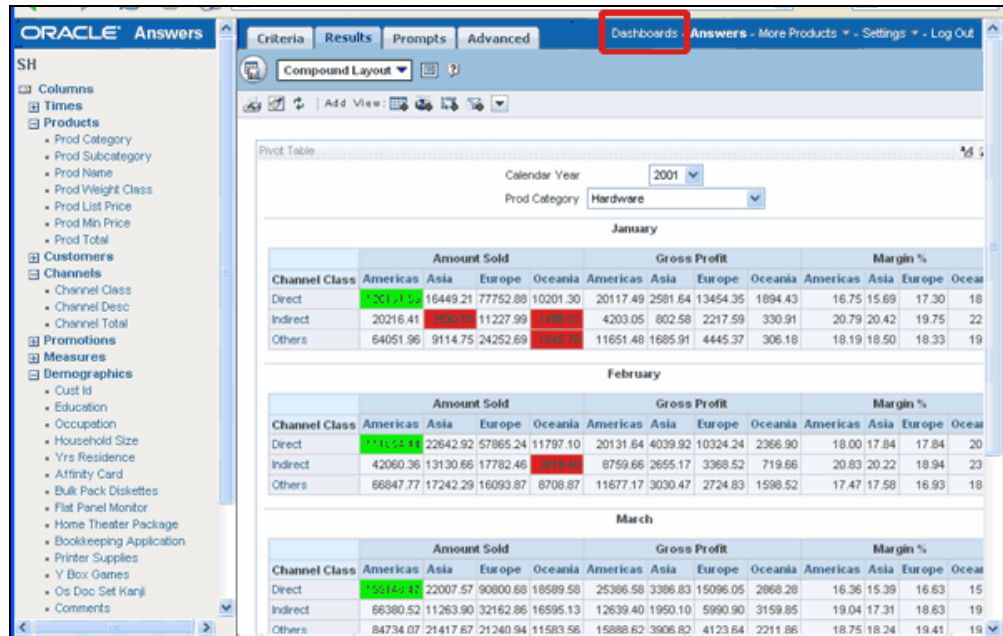
April

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	136534.43	27218.38	101141.89	5813.69	22844.23	4589.34	17138.57	946.45	16.36	16.86	16.94	16.28
Indirect	56609.74	15352.67	21457.38	4764.15	10055.57	2811.01	4046.79	714.58	17.76	18.31	18.86	17.16
Others	83124.34	23990.72	42600.54	9019.16	15790.86	4632.72	8315.22	1758.84	19.00	19.31	19.52	19.50

C. Save your request.

8. Now you verify that you can add a request to a dashboard.

A. Click the **Dashboards** link.



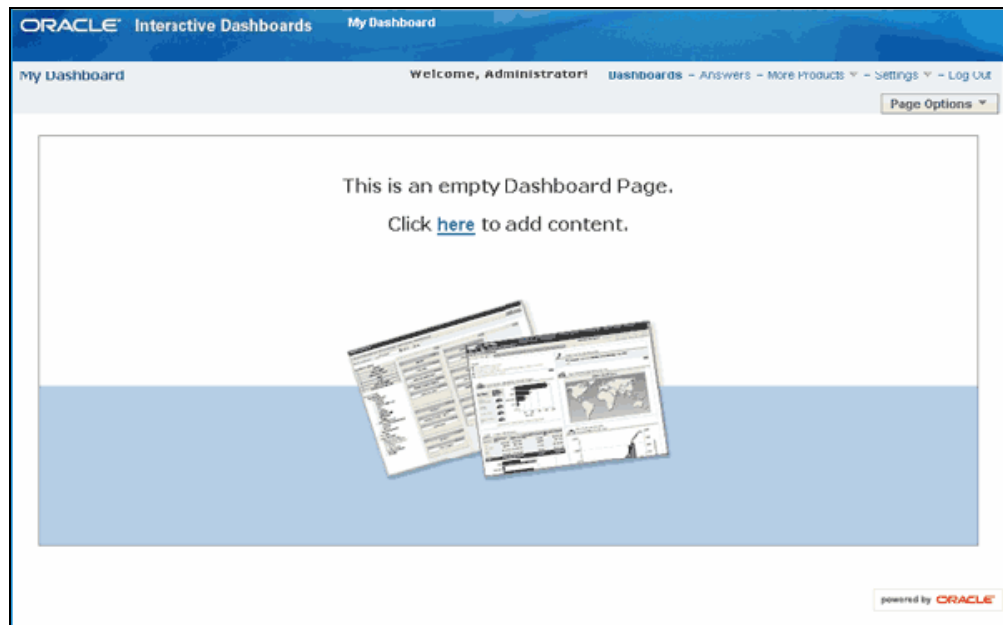
The screenshot shows the Oracle Answers interface. The top navigation bar includes 'Criteria', 'Results', 'Prompts', 'Advanced', and 'Dashboards'. The 'Dashboards' link is highlighted with a red box. Below the navigation bar, there is a 'Compound Layout' section and a 'Pivot Table' section. The Pivot Table is set to 'Calendar Year' 2001 and 'Prod Category' Hardware. It displays three tables for January, February, and March, each with columns for 'Amount Sold', 'Gross Profit', and 'Margin %' across four regions: Americas, Asia, Europe, and Oceania. The data is categorized by 'Channel Class' (Direct, Indirect, Others).

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	16449.21	77752.88	10201.30	20117.49	2581.64	13454.35	1894.43	16.75	15.69	17.30	18	
Indirect	20216.41	11227.99	11227.99	4203.05	802.58	2217.59	330.91	20.79	20.42	19.75	22	
Others	64051.96	9114.75	24252.69	11651.48	1685.91	4445.37	306.18	18.19	18.50	18.33	19	

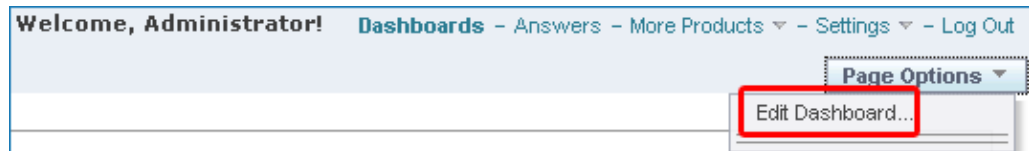
Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	22642.92	57865.24	11797.10	20131.64	4039.92	10324.24	2366.90	18.00	17.84	17.84	20	
Indirect	42060.36	13130.66	17782.46	8759.66	2655.17	3368.52	719.66	20.83	20.22	18.94	23	
Others	66847.77	17242.29	16093.87	8708.87	11677.17	3030.47	2724.83	1598.52	17.47	17.58	16.93	18

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	22007.57	90800.68	18589.58	25386.58	3386.83	15096.05	2868.28	16.36	15.39	16.63	15	
Indirect	66380.52	11263.90	32162.86	16595.13	12639.40	1950.10	5990.90	3159.85	19.04	17.31	18.63	19
Others	84734.07	21417.67	21240.94	11583.58	15888.62	3906.82	4123.84	2211.86	18.75	18.24	19.41	19

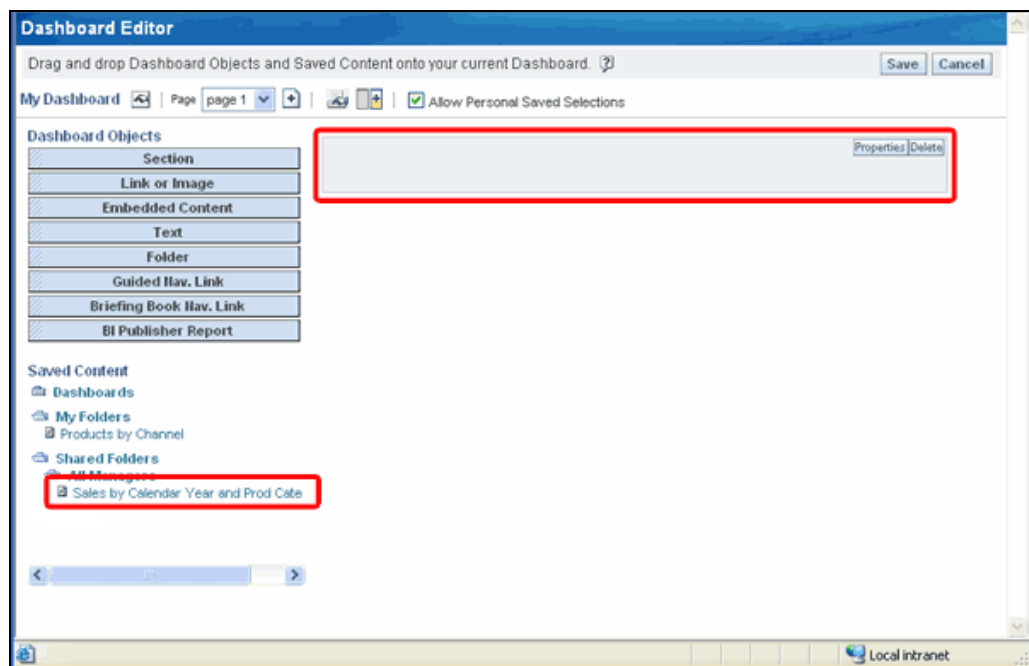
A blank My Dashboard appears.



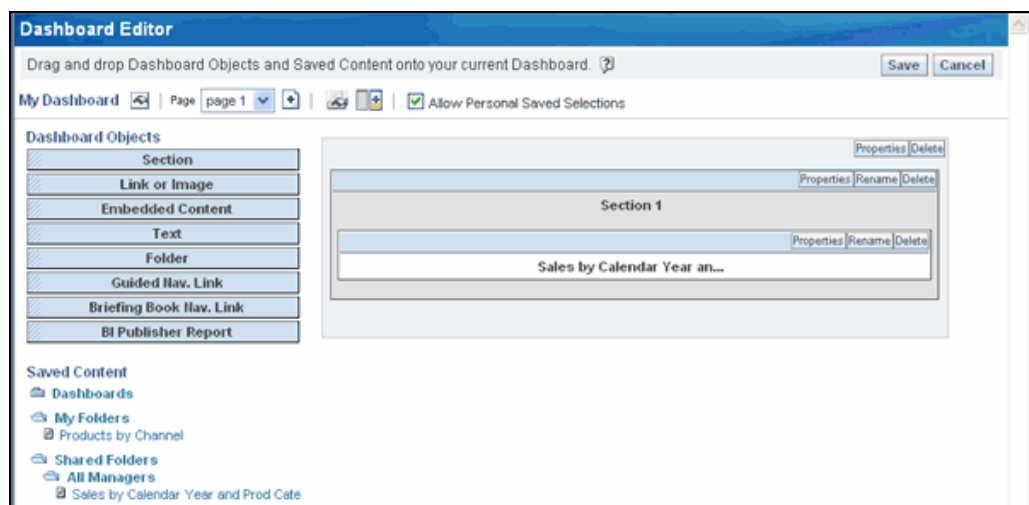
B. Click the **Page Options** drop-down list and select **Edit Dashboard**.



The Dashboard Editor window appears. Drag the request you created in Step #7 above from the pane on the left, to the gray workspace area on the right. This gray area is actually a "Section" placeholder.



The Dashboard Editor window should look like this:



C. Click **Save**. My Dashboard appears with your request.

ORACLE Interactive Dashboards My Dashboard Delivers

My Dashboard Welcome, Administrator! Dashboards - Answers - More Products - Settings - Log Out Page Options

Calendar Year 2001 Prod Category Hardware

January

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	12013.53	16449.21	77752.88	10201.30	20117.49	2581.64	13454.35	1894.43	16.75	15.69	17.30	18.57
Indirect	20216.41	3543.03	11227.99	11451.17	4203.05	802.58	2217.59	330.91	20.79	20.42	19.75	22.09
Others	64051.96	9114.75	24252.89	15357.8	11651.48	1685.91	4445.37	306.18	18.19	18.50	18.33	19.81

February

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	113654.4	22642.92	57865.24	11797.10	20131.64	4039.92	10324.24	2366.90	18.00	17.84	17.84	20.06
Indirect	42060.36	13130.66	17782.46	3213.81	8759.66	2655.17	3368.52	719.66	20.83	20.22	18.94	23.83
Others	66847.77	17242.29	16093.87	8708.87	11677.17	3030.47	2724.83	1598.52	17.47	17.58	16.93	18.38

March

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	113654.4	22642.92	57865.24	11797.10	20131.64	4039.92	10324.24	2366.90	18.00	17.84	17.84	20.06
Indirect	42060.36	13130.66	17782.46	3213.81	8759.66	2655.17	3368.52	719.66	20.83	20.22	18.94	23.83
Others	66847.77	17242.29	16093.87	8708.87	11677.17	3030.47	2724.83	1598.52	17.47	17.58	16.93	18.38

D. Click the **Log Out** link and close your browser.

Creating and Delivering a Simple iBot

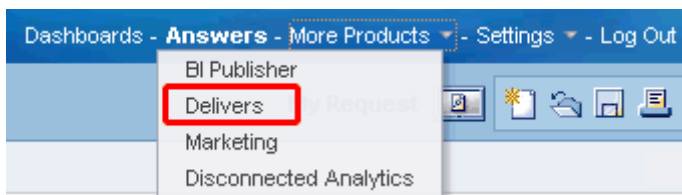
In the simplest format, an Oracle BI Delivers iBot automatically performs a specified Presentation Catalog request (created with Oracle BI Answers) based on a defined schedule, and examines the results for a specific problem or opportunity. If the specific problem or opportunity is detected in the results, an alert is generated and passed to people who are subscribed to the iBot, using the delivery options specified for each person. The content of the iBot can be tailored for an associated delivery device. For example, content sent to a pager might include only a telephone number, and content sent to a Blackberry device might include an email with more detailed information such as a chart.

When Oracle BI Delivers is enabled, an Alerts section is automatically added to the first page of My Dashboard if one is not manually placed there. In this lesson,

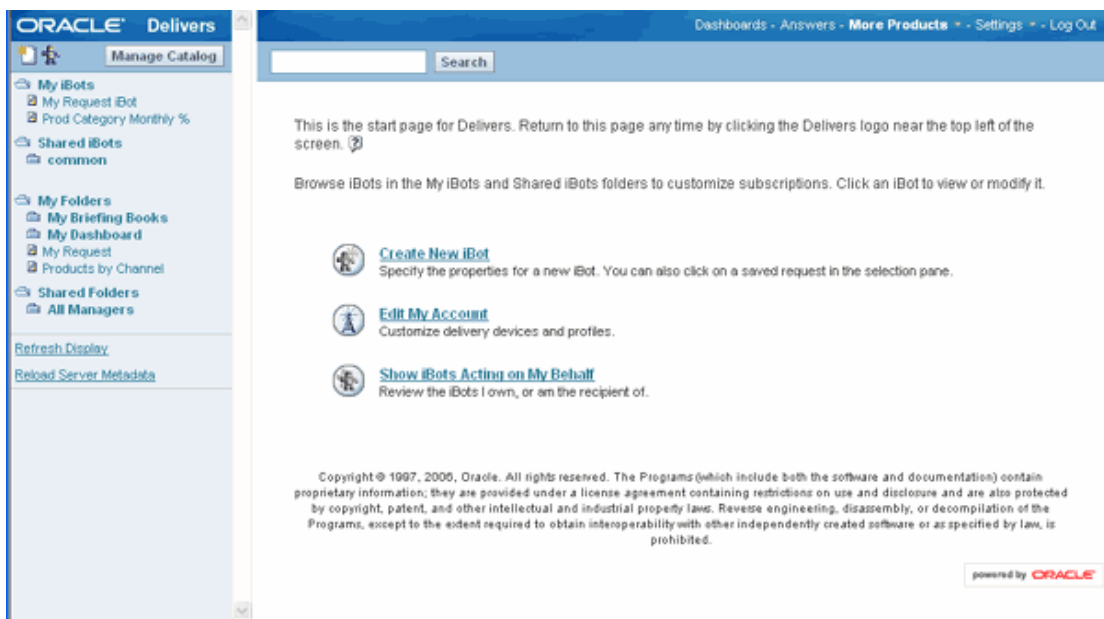
you create an iBot that delivers an alert to your Interactive Dashboard and email account.

1. If Oracle Business Intelligence is not currently open, click **Start > All Programs > Oracle Business Intelligence > Presentation Services**, enter **Administrator** in both the **User ID** and **Password** text boxes, and click **Log In**.

To open Oracle BI Delivers, click the **More Products** link and select **Delivers** from the drop-down menu.



The Delivers page appears.



2. In this step, you setup the device profile for the iBot.

- A. Click **Edit My Account**.



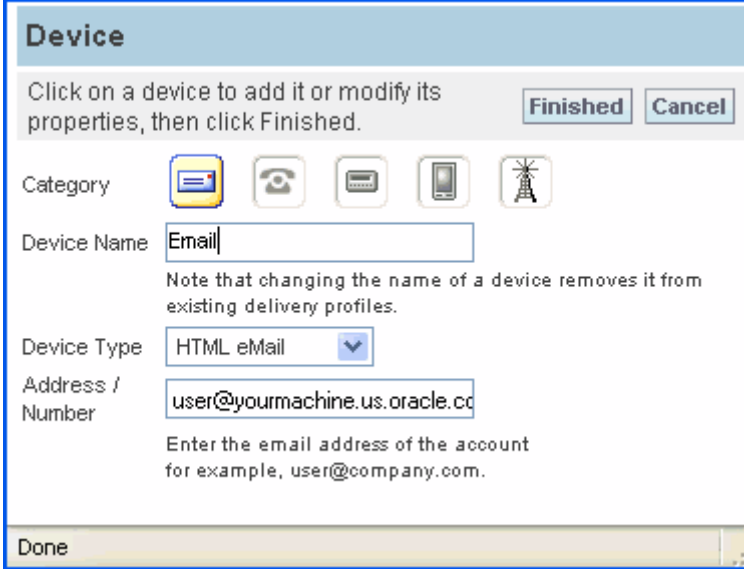
The My Account page appears. On this page, you specify devices to receive the content.

- B. Click the **Add Email Device** link.

The screenshot shows the "My Account" page. At the top, there's a header "My Account" with a help icon. Below it, a sub-header says "Make changes to your account information." with "Finished" and "Cancel" buttons. The page is divided into sections: "General" with "Display Name" and "User ID" both set to "Administrator"; "Preferences" with dropdowns for "Default Dashboard" (My Dashboard), "Locale (location)" (English - United States), "User Interface Language" (English), and "Time Zone" (Default); "Delivery Options" with a sub-section "Devices" containing tabs for "Email", "Phone", "Pager", "Handheld", and "Other". Under the "Email" tab, there's a table with columns "Default" and "Device Name", and a message "No devices of this category are defined." Below this table, the "Add Email Device" link is highlighted with a red box. At the bottom, there's a "Delivery Profiles" section with a table for "Active" and "Profile Name", and a message "No delivery profiles are defined." followed by an "Add Delivery Profile" link. The page ends with a "Done" button.

In the **Device** dialog box, enter **Email** as the **Device**, select **HTML eMail** as the

Device Type, and enter *user@ <yourmachine>* for the Address.



The screenshot shows a dialog box titled "Device" with a light blue header. Below the header, there is a grey bar containing the text "Click on a device to add it or modify its properties, then click Finished." and two buttons: "Finished" and "Cancel".

The main area of the dialog box contains the following fields and options:

- Category:** A row of five icons: an envelope (selected), a telephone, a credit card, a mobile phone, and a radio tower.
- Device Name:** A text input field containing the word "Email". Below it is a note: "Note that changing the name of a device removes it from existing delivery profiles."
- Device Type:** A dropdown menu with "HTML eMail" selected.
- Address / Number:** A text input field containing "user@yourmachine.us.oracle.co". Below it is a note: "Enter the email address of the account for example, user@company.com."

At the bottom of the dialog box, there is a "Done" button.

C. Click **Finished**.

The email device appears.

My Account ?

Make changes to your account information. Finished Cancel

General

Display Name
 User ID

Preferences

Default Dashboard ▼
 Locale (location) ▼
 User Interface Language ▼
 Time Zone ▼

Delivery Options

Configure devices and delivery profiles for Oracle BI Delivers.

Devices

Email **Phone** **Pager** **Handheld** **Other**

Default	Device Name	
<input checked="" type="radio"/>	Email	Edit Delete

[Add Email Device](#)

Delivery Profiles

Active	Profile Name
No delivery profiles are defined.	

[Add Delivery Profile](#)

Done

3. Now setup the delivery profile for the iBot.

A. Click the **Add Delivery Profile** link.

Delivery Profiles

Active	Profile Name
No delivery profiles are defined.	
Add Delivery Profile	

B. In the **Delivery Profile** dialog box, enter **Dashboard** as the profile **Name** and select **Normal** as the **Content Priority**.

Delivery Profile ?

A delivery profile determines how content is delivered to you. You can create multiple profiles - for example, In Office and Away from Office. **Finished** **Cancel**

Name

Define Profile

Specify the devices to use when this is the active profile. Content priority (as specified in a Delivers iBot) determines the delivery device the profile will use. Content delivery notifications (Alerts) will also appear in the Alerts section of your Dashboard.

Device	Content Priority		
	High	Normal	Low
<input type="checkbox"/> Email	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Done ⋮

C. Click **Finished**. The profile is complete.

My Account ?

Make changes to your account information. **Finished** **Cancel**

General

Display Name
 User ID

Preferences

Default Dashboard
 Locale (location)
 User Interface Language
 Time Zone

Delivery Options

Configure devices and delivery profiles for Oracle BI Delivers.

Devices

Email
Phone
Pager
Handheld
Other

Default	Device Name	≡
<input checked="" type="radio"/>	Email	Edit Delete

[Add Email Device](#)

Delivery Profiles

Active	Profile Name	≡
<input checked="" type="radio"/>	Dashboard	Edit Delete

[Add Delivery Profile](#)

D. Click **Finished** again.

4. Now you create the iBot that delivers the request to your dashboard based on a specified schedule.

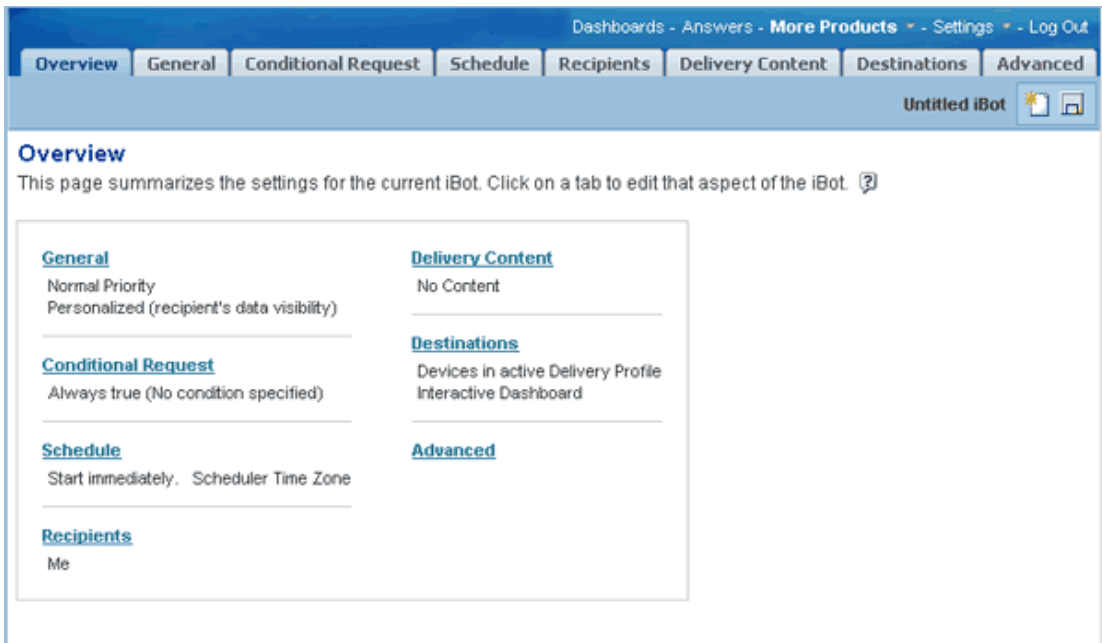
Click **Create New iBot**.



Create New iBot

Specify the properties for a new iBot. You can also click on a saved request in the selection pane.

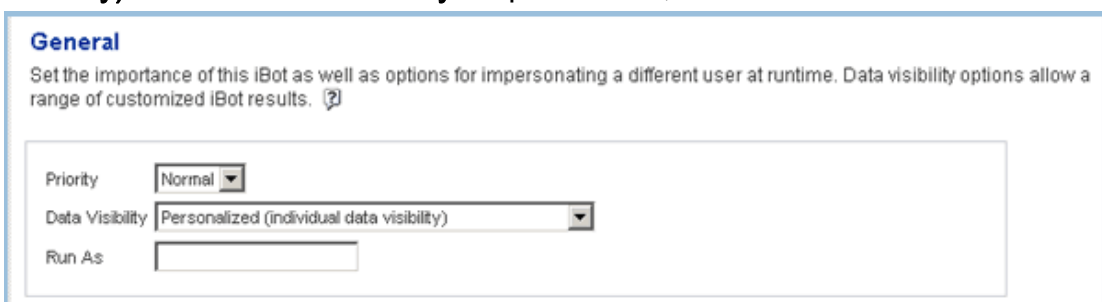
The Overview page appears.



Click the **General** tab (or the General link).

5. You use the General tab to specify the priority of the iBot and how to send the delivery content. You can set the priority to low, normal, or high. The priority works with the delivery profile for a user to determine the destination for alerts of different priorities.

Select **Normal** from the **Priority** drop-down list, **Personalized (individual data visibility)** from the **Data Visibility** drop-down-list, and leave **Run As** blank.



Click the **Schedule** tab.


6. You use the Schedule tab to determine when the iBot runs, how often it runs, and when to discontinue running it. iBots can execute based on a specified schedule. You can define a starting date and time for the iBot, a recurrence schedule, and an ending date. You can also create a nonscheduled iBot. This is useful when you want to create an iBot that runs only as part of an iBot chain, or an iBot that is initiated by an external process.
- Select the **Set Schedule** check box. Additionally, select **Start Immediately** and **Recurrence - Once** radio buttons.

Schedule


Create or edit the schedule this iBot will follow. ?

Set schedule

Start Immediately

Start Date 

Time of Day (e.g. 12:00:00 AM)

Set Time Zone 

Recurrence

Once Run once (or on one day if repeating)

Daily


Weekly

Monthly

Repeat every minutes until (e.g. 11:59:59 PM)

End Date

None

End by 

Click the **Recipients** tab.

7. You use the Recipients tab to select the users and groups to receive the delivery content of the iBot.
- Select the **Me** check box.

Recipients

Select the users who will receive this iBot. User lists can be manually entered or dynamically generated. [?](#)

Me

A specific list of recipients

Choose recipients

Determine recipients from conditional request

Column Containing Recipients

2nd Column Containing Recipients (optional)

Show relevant rows only

Subscription Options

Publish for subscription Allow subscribers to customize iBot

Specify who can subscribe

Current Subscribers

Click the **Delivery Content** tab.

8. You use the Delivery Content tab to specify the type of content to deliver with the iBot, such as a dashboard page or a saved request. You can also specify the delivery format for the content, such as HTML, PDF, XLS, CSV, or text. You can include a short, descriptive headline with the content. The headline appears as the subject when the iBot is delivered. You can add a text message to provide context for an iBot attachment. You can personalize this headline or text message by using a repository variable, a session variable, or a presentation variable. If the delivery content is blank (no records are returned), you can add an explanation for this condition (only applies for conditional requests).

A. Enter **My Request** in the **Headline** text box and then click **Select Content**.

Delivery Content

Click on the Select Content button to specify this iBot's included content. The headline should be short and descriptive as it will be used to determine delivery subject headers (like an Email subject line). ?

Headline ?

No Content

Send content as

If sent as attachment, include this text ?

Deliver this message when **no records** are returned by the conditional request ?

B. The Choose Delivery Content window appears. Select the request that you saved above and click **OK**.

Choose Delivery Content

- 📁 **Conditional Request**
 - 📄 Results
 - 📄 Narrative Text
- 📁 **My Folders**
 - 📁 My Briefing Books
 - 📁 My Dashboard
 - 📄 My Request
 - 📄 Products by Channel
- 📁 **Shared Folders**
 - 📁 All Managers
 - 📄 Sales by Calendar Year and Prod Category
- 📁 **Disconnected Applications**

This folder is empty.

Delivery Content

The Delivery Content window reappears with your request

specified.

Delivery Content

Click on the Select Content button to specify this iBot's included content. The headline should be short and descriptive as it will be used to determine delivery subject headers (like an Email subject line). ?

Headline ?

Request (Shared Folders : All Managers : Sales by Calendar Year and Prod Category)

Send content as: ▼

If sent as attachment, include this text ?

Deliver this message when **no records** are returned by the conditional request ?

C. Click the **Destinations** tab.

9. You use the Destinations tab to specify a range of desired devices and destinations for iBots. There are two User Destinations: Interactive Dashboard and Active Delivery Profile.

If you choose Interactive Dashboard, the active iBots will appear in a Dashboard Alerts! section as well as on the **Alerts!** page. A link to this summary appears together with the application navigation links when new iBots are delivered.

If you choose Active Delivery Profile, iBots will be sent to specified devices in the active delivery profile. The active delivery profile is configured through the My Account page. The available devices include: email, pager, digital phone, handheld device, and other devices.

Click both **Interactive Dashboard** and **Active Delivery Profile** check boxes.

Destinations
Select destinations, devices, and services for which this iBot is intended. ?

<p>User Destinations</p> <p><input checked="" type="checkbox"/> Interactive Dashboard</p> <p><input checked="" type="checkbox"/> Active Delivery Profile</p> <p>Specific Devices (will override a user's Active Delivery Profile)</p> <p><input type="checkbox"/> Email</p> <p><input type="checkbox"/> Pager</p> <p><input type="checkbox"/> Digital Phone</p> <p><input type="checkbox"/> Handheld Device</p>	<p>System Services</p> <p><input type="checkbox"/> Oracle BI Server Cache For seeding cache</p> <p><input type="checkbox"/> Disconnected Application Cache Speeds up live disconnected application syno.</p>
---	---

10. Finally, you need to save the iBot and verify that the request has been delivered to your dashboard and to your email account.

Click the **Save** button and name your iBot, **My Request iBot**.

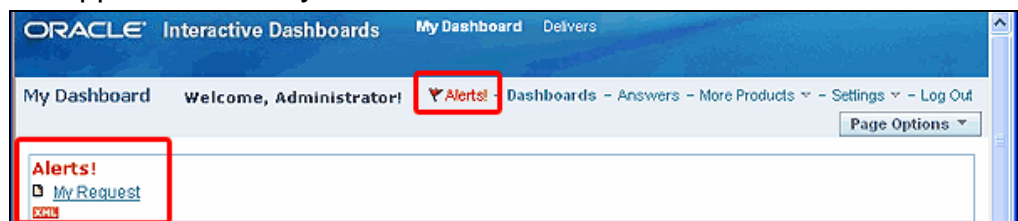
Folder:

Name:

Description:

11. Click the **Dashboards** link.

Your request appears in in the Alerts! area of the Interactive Dashboard and an Alerts link appears in the My Dashboard banner.



Click the **My Request** link to view your report from the dashboard. Your request appears.

Calendar Year 2001
Prod Category Hardware

January

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	120131.53	16449.21	77752.88	10201.30	20117.49	2581.64	13454.35	1894.43	16.75	15.69	17.30	18.57
Indirect	20216.41	3930.56	11227.99	1498.07	4203.05	802.58	2217.59	330.91	20.79	20.42	19.75	22.09
Others	64051.96	9114.75	24252.69	1545.78	11651.48	1685.91	4445.37	306.18	18.19	18.50	18.33	19.81

February

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	111854.44	22642.92	57865.24	11797.10	20131.64	4039.92	10324.24	2366.90	18.00	17.84	17.84	20.06
Indirect	42080.36	13130.66	17782.46	3019.40	8759.66	2655.17	3368.52	719.66	20.83	20.22	18.94	23.83
Others	66847.77	17242.29	16093.87	6708.87	11677.17	3030.47	2724.83	1598.52	17.47	17.58	16.93	18.36

March

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania
Direct	155146.47	22007.57	90800.68	16589.58	25396.58	3386.83	15096.05	2868.28	16.36	15.39	16.63	15.43
Indirect	66380.52	11263.90	32162.86	16595.13	12639.40	1950.10	5990.90	3159.85	19.04	17.31	18.63	19.04
Others	84734.07	21417.67	21240.94	11583.56	15888.62	3906.82	4123.64	2211.86	18.75	18.24	19.41	19.09

April

Channel Class	Amount Sold				Gross Profit				Margin %			
	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania	Americas	Asia	Europe	Oceania

Alternatively, you can click the **Alerts!** link in the My Dashboard banner to view the request, open the iBot, or clear the alert.

ORACLE Delivers

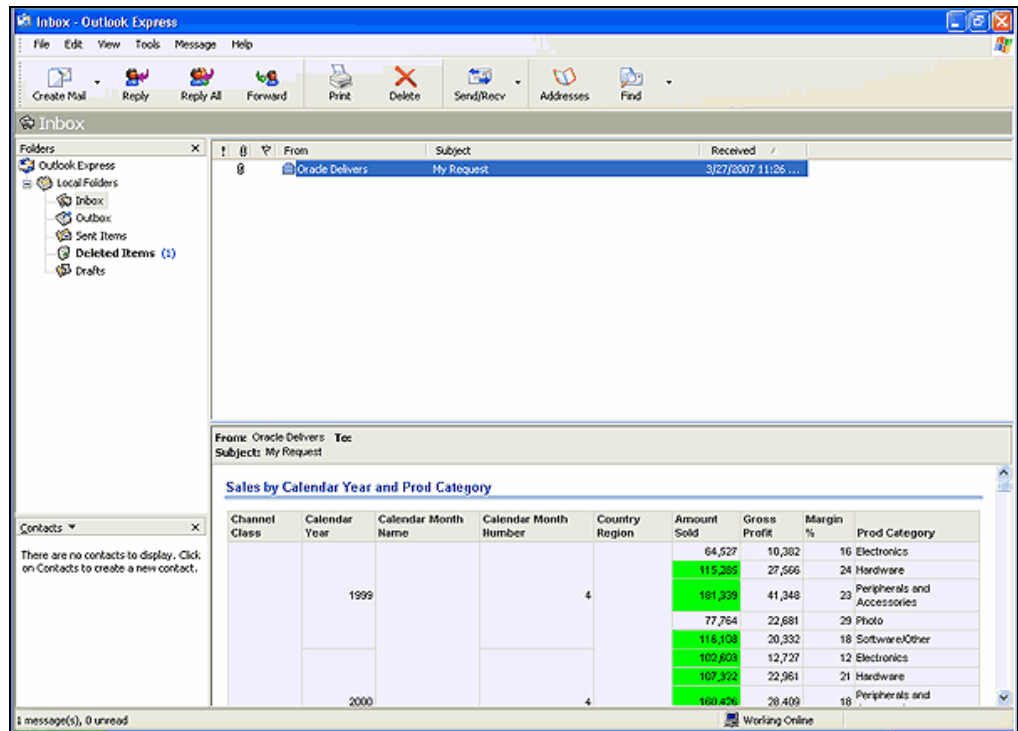
Headline	Delivered:	Recurrence
My Request	2/12/2007 10:26 AM	1

[View](#) this Alert.
[Clear](#) this Alert. It will be triggered again the next time conditions warrant.
[Open the iBot](#) that generated this alert.

[XML](#)

12. Click Start > All Programs > Outlook Express.

Your request appears in your Inbox. If you do not see your request, click **Send/Recv.** (Note: In this screenshot Preview Mode is enabled for Outlook Express, allowing you to view the request without opening the email.)



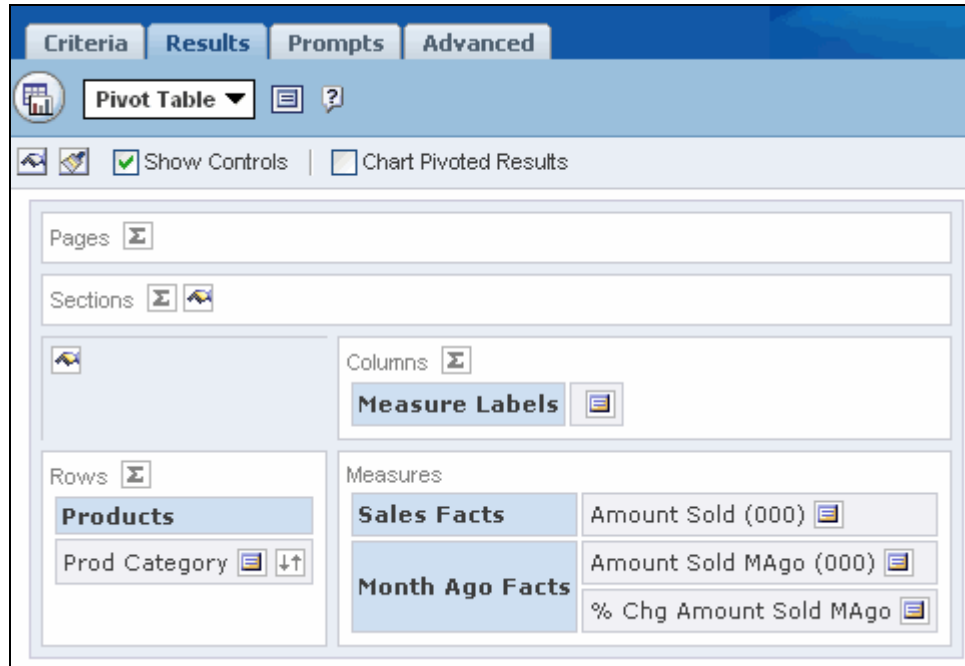
Close Outlook Express.

Creating and Delivering a Conditional iBot

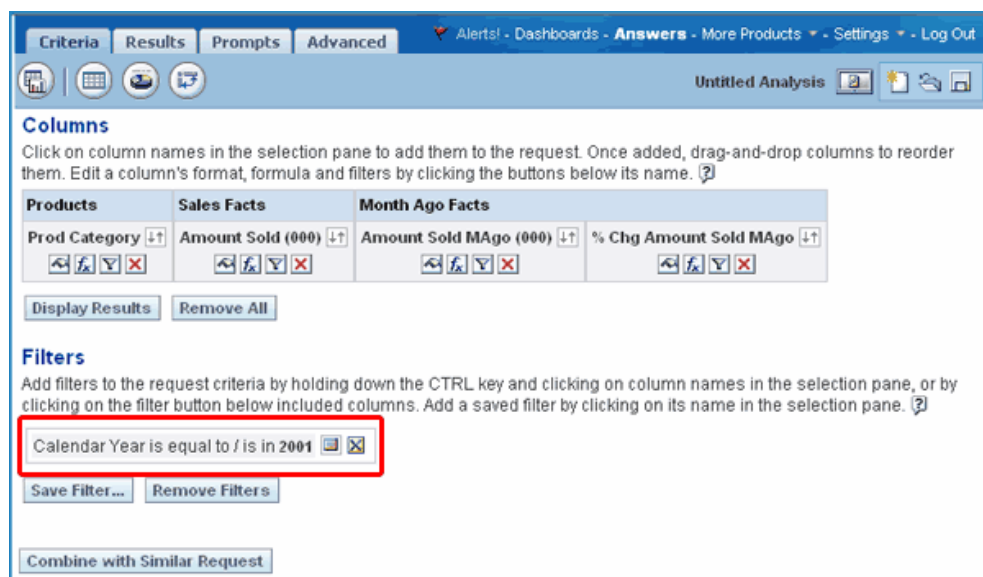
You use the Conditional Request tab to select a request to trigger an iBot. In this sub-topic you create an iBot that is triggered based upon a database condition rather than a time condition as in the sub-topic above.

1. If Oracle Business Intelligence is not currently open, click **Start > All Programs > Oracle Business Intelligence > Presentation Services**, enter **Administrator** in both the **User ID** and **Password** text boxes, and click **Log In**.

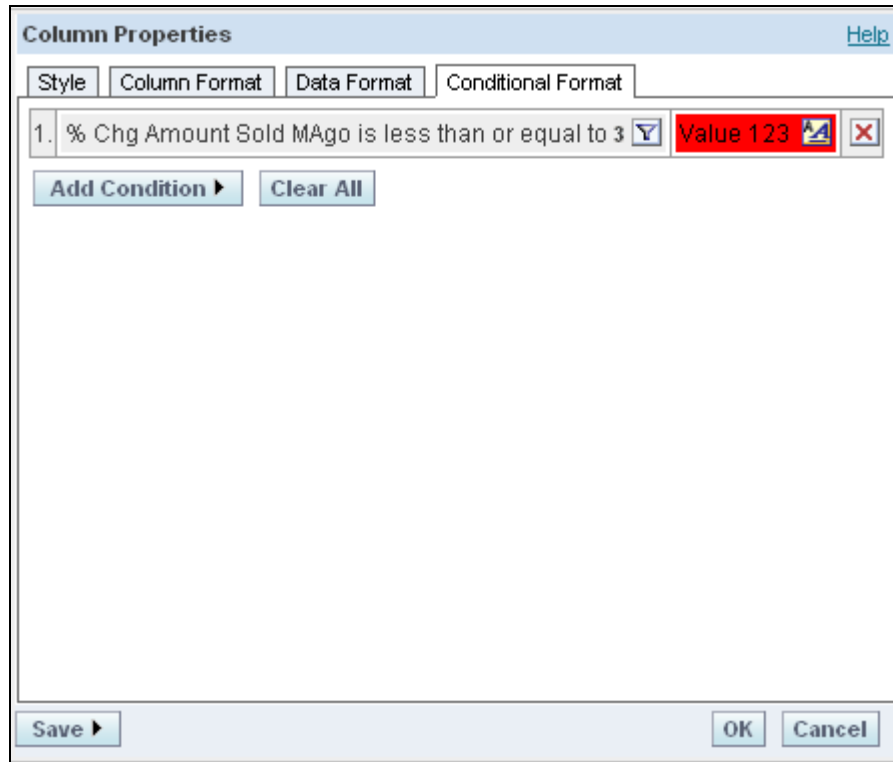
A. Using the knowledge and skills that you learned in the sub-topic, **Creating a Request and Adding it to Your Interactive Dashboard**, create the following request:



B. Only select the most current year (Calendar Year = 2001).



C. Add a condition to the measure, **% Chg Amount Sold MAgo**, that will display the value in red when the "change percent for last month" is less than or equal to **3**. This database condition will trigger a request that displays Product Categories with sluggish growth.



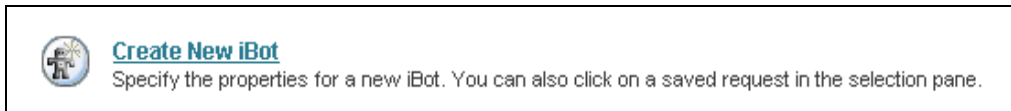
Your request should look like this screenshot:

[Display Results](#)

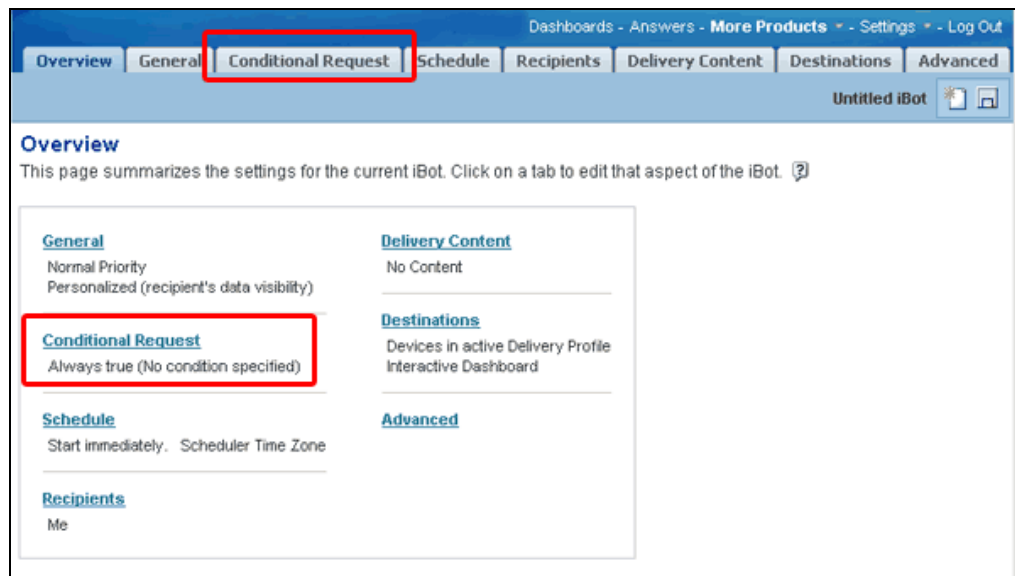
Prod Category	Amount Sold (000)	Amount Sold MAgo (000)	% Chg Amount Sold MAgo
Electronics	4705	4683	0.47
Hardware	5684	5712	-0.48
Peripherals and Accessories	7860	7442	5.61
Photo	6334	6066	4.41
Software/Other	3554	3350	6.09

D. Save your request as **% Change in Sales from Last Month** in the shared folder named **All Managers**.

2. Open Oracle BI Delivers by clicking the **More Products** link and selecting **Delivers** from the drop-down menu.
The Delivers page appears.
3. As you created a delivery profile for the iBot in the prior sub-topic, you can now simply click **Create New iBot**.



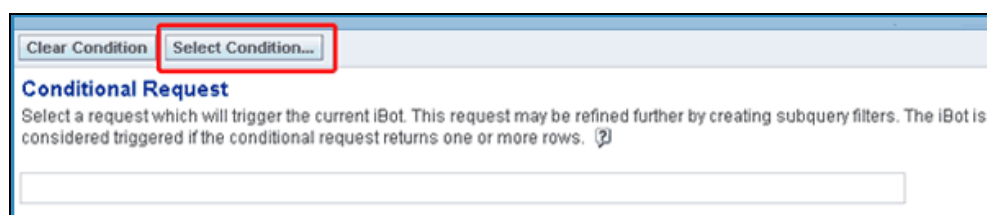
The Overview page appears. Click the **Conditional Request** tab (or the Conditional Request link).



The Conditional Request page appears.

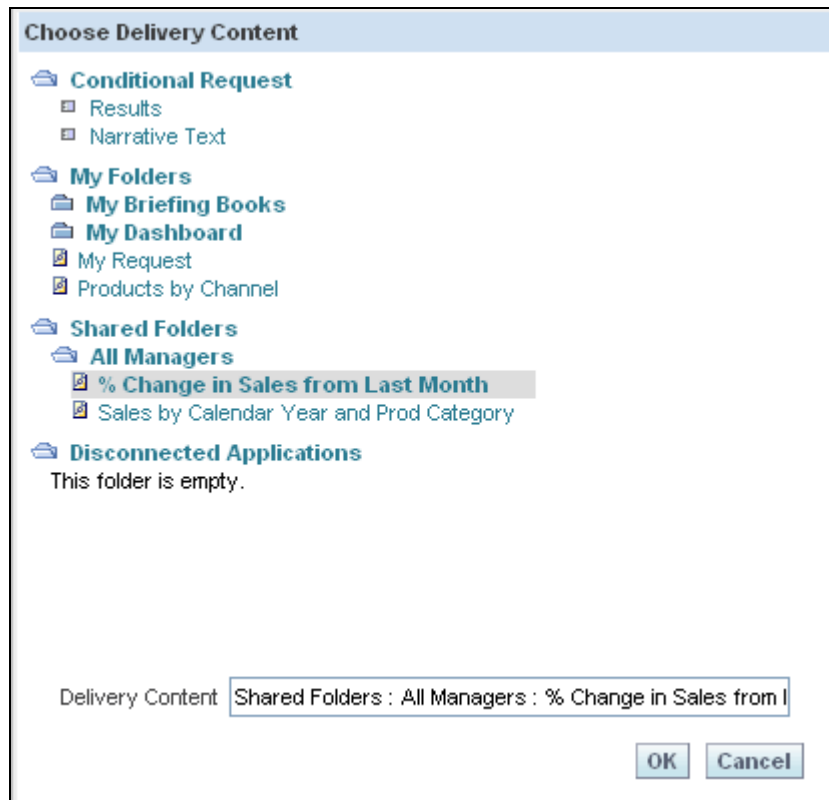
4. You use the Conditional Request tab to select a request to trigger the iBot. If you have filters from originating iBots applied to subsequent iBots, filter values are generated by the conditional request specified on this tab.

A. Click **Select Condition**.

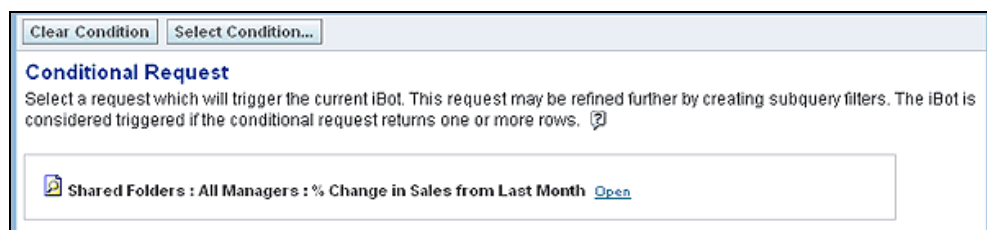


B. The Choose Request window appears. Select the request that

you created in Step #1 and click **OK**.



The Conditional Request window reappears with your specified request.




C. Click the **Schedule** tab.

5. Verify that the **Set Schedule** check box is selected, and choose the **Start Immediately** radio button. As this is a monthly evaluation of Product Category Performance, set the recurrence as it appears below.

Schedule

Create or edit the schedule this iBot will follow. ?

Set schedule

Start Immediately
 Start Date 
 Time of Day (e.g. 12:00:00 AM)
 Set Time Zone

Recurrence


Once
 Daily
 Weekly
 Monthly

On day of:
 On the of:

Jan Feb Mar Apr May Jun
 Jul Aug Sep Oct Nov Dec

Repeat every minutes until (e.g. 11:59:59 PM)

End Date

None
 End by 

Click the **Recipients** tab.

- Typically, managers and key staff responsible for monitoring Product Category sales would receive this request. For this practice, you will select only yourself. Ensure that you are the recipient by selecting the **Me** check box. Note that if you wanted to allow others to subscribe to the request, you would select **Publish for subscription**.

Recipients

Select the users who will receive this iBot. User lists can be manually entered or dynamically generated. ?

Me
 A specific list of recipients
 Choose recipients

Determine recipients from conditional request
 Column Containing Recipients
 2nd Column Containing Recipients (optional)
 Show relevant rows only

Subscription Options

Publish for subscription
 Specify who can subscribe

Allow subscribers to customize iBot

Current Subscribers

Click the **Delivery Content** tab.

7. Enter **% Sales Dropped Below 3%** in the **Headline** text box and then click **Select Content**. When the Choose Delivery Content window appears, locate your conditional request in the All Managers folder and click **OK**.

In the screenshot below, an optional text message is distributed if the request is sent as an attachment (in this case a PDF).

Delivery Content
Click on the Select Content button to specify this iBot's included content. The headline should be short and descriptive as it will be used to determine delivery subject headers (like an Email subject line). ?

Headline: % Sales Dropped Below 3% ?

Conditional Request (Shared Folders : All Managers : % Change in Sales from Last Month) Clear Content Select Content...

Send content as: Attachment (PDF) v

If sent as attachment, include this text ?

Review this report at once.

Deliver this message when no records are returned by the conditional request ?

Click the **Destinations** tab.

8. Accept the default User Destinations.

Destinations
Select destinations, devices, and services for which this iBot is intended. ?

User Destinations

- Interactive Dashboard
- Active Delivery Profile

Specific Devices (will override a user's Active Delivery Profile)

- Email
- Pager
- Digital Phone
- Handheld Device

System Services

- Oracle BI Server Cache
For seeding cache
- Disconnected Application Cache
Speeds up live disconnected application sync.

9. Finally, you need to save the iBot and verify that the request has been delivered to your Interactive Dashboard.

Click the **Save** button and name your iBot, **Prod Category Monthly %** and click **OK**.

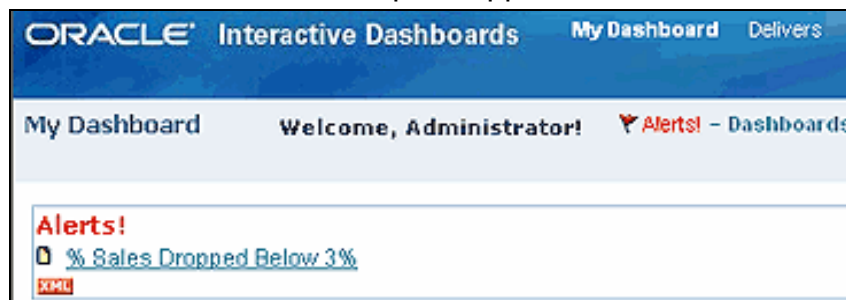
Folder: My iBots

Name: Prod Category Monthly %

Description:

OK Cancel

10. Click the Dashboard link. Your request appears on the dashboard.



Chaining an iBot

Just as you used the Conditional Request tab to create a conditional iBot, you can further refine the request to trigger another query based on the results of the first request. The results of the request determine whether the iBot sends its delivery content and initiates any subsequent actions as follows in the table below:

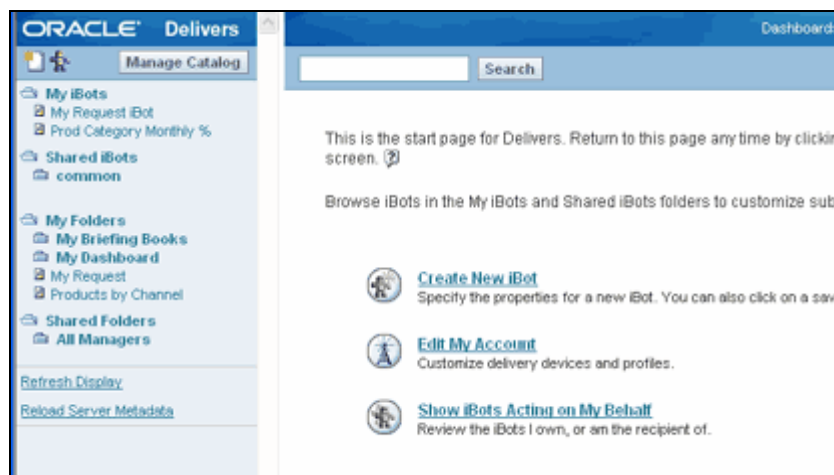
- ❑ If the request does not return any rows, the iBot is not triggered.
- ❑ If the request returns at least one row, the iBot sends its delivery content and initiates any subsequent actions.

This sub-topic shows you how to chain an iBot based on the results of a request.

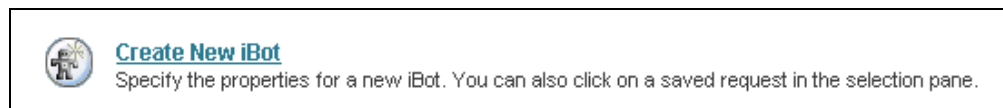
1. If Oracle Business Intelligence is not currently open, click **Start > All Programs > Oracle Business Intelligence > Presentation Services**, enter **Administrator** in both the **User ID** and **Password** text boxes, and click **Log In**.

Open Oracle BI Delivers by clicking the **More Products** link and selecting **Delivers** from the drop-down menu.

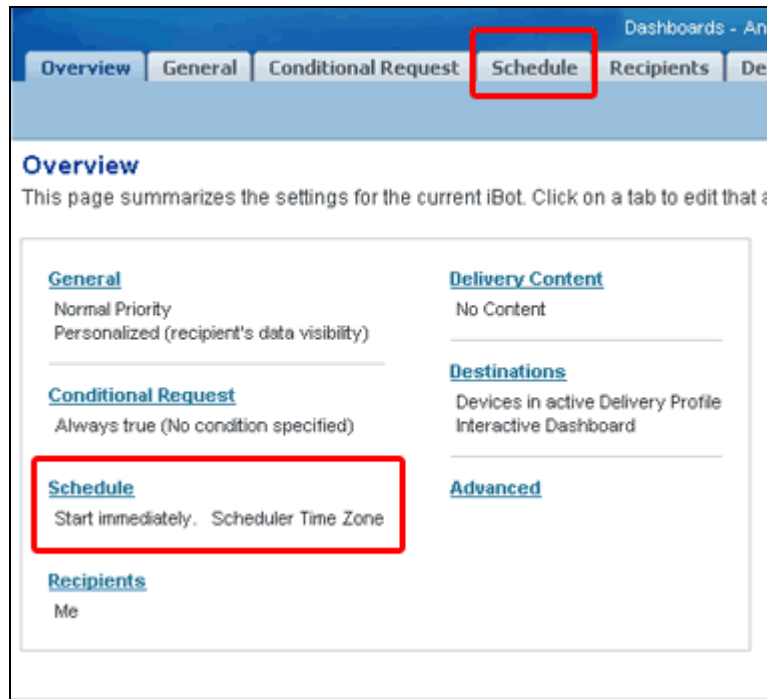
The Delivers page appears.



2. Click **Create New iBot**.

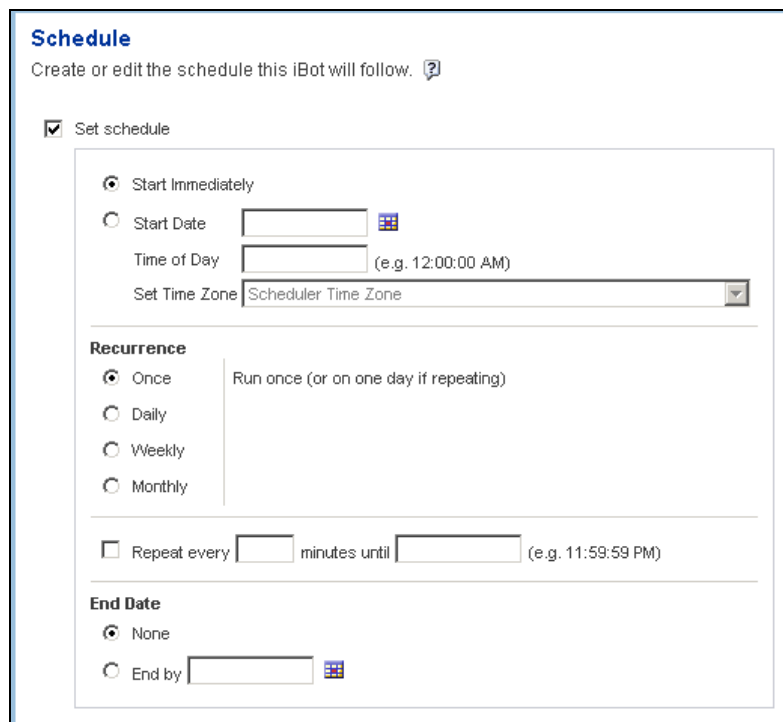


The Overview page appears. Click the **Schedule** tab (or the Schedule link).



The Schedule page appears.

3. Verify that the **Set Schedule** check box is selected, and choose the **Set Schedule** check box and **Start Immediately** radio button.



Click the **Recipients** tab.

4. > Ensure that you are the recipient by selecting the **Me** check box.

Recipients
Select the users who will receive this iBot. User lists can be manually entered or dynamically generated. (?)

Me
 A specific list of recipients
Choose recipients

Determine recipients from conditional request
Column Containing Recipients: (none) ▾
2nd Column Containing Recipients (optional): (none) ▾
 Show relevant rows only

Subscription Options

Publish for subscription Allow subscribers to customize iBot
Specify who can subscribe

Current Subscribers

Click the **Delivery Content** tab.

5. A. Enter **My Chained iBot** in the **Headline** text box.

Delivery Content
Click on the Select Content button to specify this iBot's included content. The headline should be short and descriptive as it will be used to determine delivery subject headers (like an Email subject line). (?)

Headline: (?)

No Content

Send content as: (Device default) ▾

If sent as attachment, include this text (?)

Deliver this message when no records are returned by the conditional request (?)

B. Click **Select Content**. When the Choose Delivery Content window appears, select **Sales by Calendar Year and Prod Category** from the All Managers folder and then click **OK**.

Ensure that the **Send content as** drop-down list is set to **Device Default**.

Delivery Content
Click on the Select Content button to specify this iBot's included content. The headline should be short and descriptive as it will be used to determine delivery subject headers (like an Email subject line). ?

Headline ?

Send content as: ?

If sent as attachment, include this text ?

Deliver this message when **no records** are returned by the conditional request ?

C. Click the **Destinations** tab.

6. Ensure that the **Interactive Dashboard** and **Active Delivery Profile** check boxes are selected.

Destinations
Select destinations, devices, and services for which this iBot is intended. ?

User Destinations

- Interactive Dashboard
- Active Delivery Profile

Specific Devices (will override a user's Active Delivery Profile)

- Email
- Pager
- Digital Phone
- Handheld Device

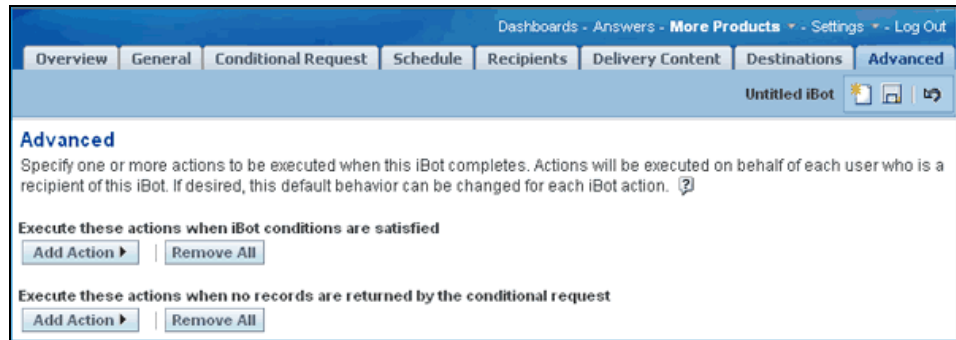
System Services

- Oracle BI Server Cache
For seeding cache
- Disconnected Application Cache
Speeds up live disconnected application sync.

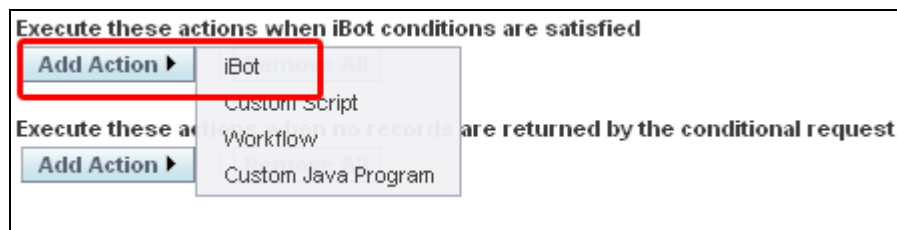
Click the **Advanced** tab.

7. You use the Advanced tab to specify one or more actions to execute when an iBot completes. Actions are executed on behalf of each user who is a recipient of the iBot. You can change the default behavior for each iBot action. Actions include the execution of other iBots, custom scripts, and so forth. You can also specify actions to execute either when iBot conditions are satisfied, or when no

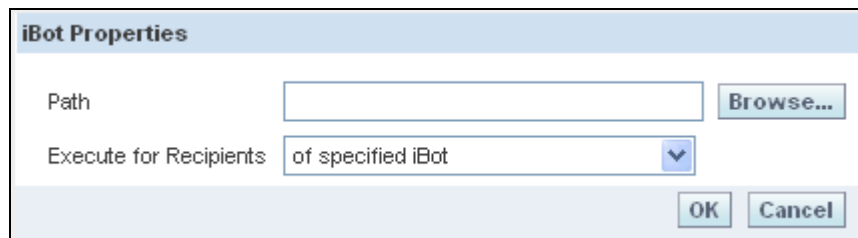
records are returned.



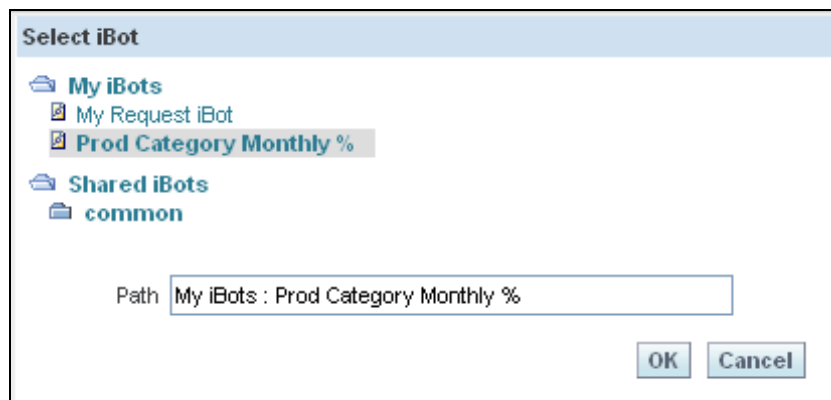
A. Click **Add Action** from the "Execute these actions when iBot conditions are satisfied" area and select **iBot** from the menu.



B. In the iBot Properties window, click **Browse**.



C. Locate and select the **Prod Category Monthly %** iBot and click **OK**.



D. Select **of current iBot** from the **Execute for Recipients** drop-down list and click **OK**.

iBot Properties

Path: My iBots : Prod Category Monthly %

Execute for Recipients: of specified iBot (dropdown menu open)

- of specified iBot
- of current iBot**
- of both specified and current iBot
- common to specified and current iBot
- of specified iBot, but not current iBot

Your chained iBot is added.

Advanced

Specify one or more actions to be executed when this iBot completes. Actions will be executed on behalf of each user who is a recipient of this iBot. If desired, this default behavior can be changed for each iBot action. (?)

Execute these actions when iBot conditions are satisfied

- iBot (Prod Category Monthly %)

Execute these actions when no records are returned by the conditional request

E. Save your iBot. Enter **My Chained iBot** in the **Name** text box and click **OK**.

Folder: My iBots

Name: My Chained iBot

Description:

F. Click the **Alerts!** link to view the chained iBot results.

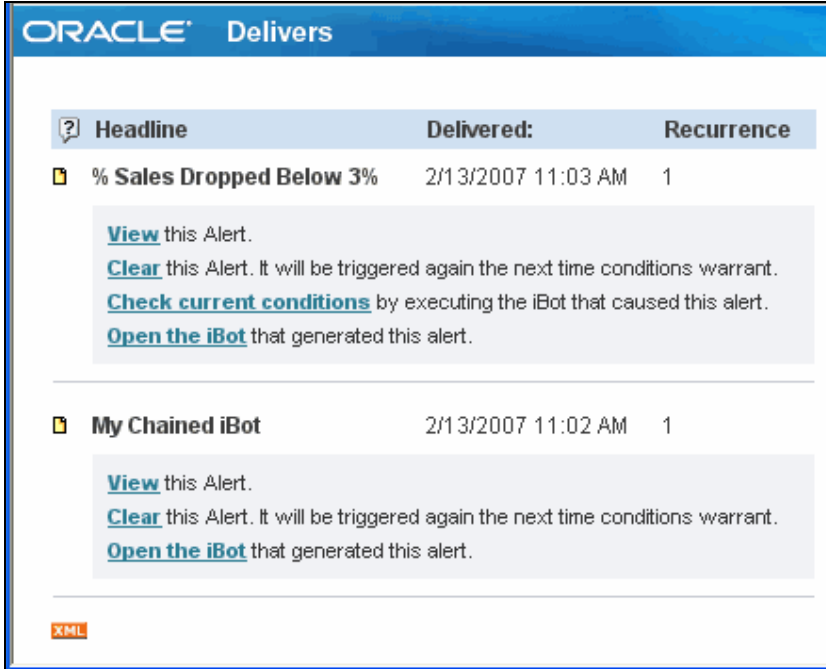
Alerts! Dashboards - Answers - More Products - Settings - Log Out

Overview | General | Conditional Request | Schedule | Recipients | Delivery Content | Destinations | Advanced

My iBots : My Chained iBot

As previously noted, you can review both iBots, clear the alerts, or

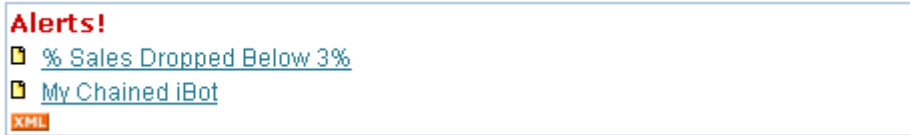
review the requests from this window.



The screenshot shows the Oracle Delivers interface. At the top, there is a blue header with the Oracle logo and the word "Delivers". Below the header is a table with three columns: "Headline", "Delivered:", and "Recurrence". The table contains two rows of alerts. The first row has a yellow icon, the headline "% Sales Dropped Below 3%", a delivery time of "2/13/2007 11:03 AM", and a recurrence of "1". Below this row is a grey box containing four links: "View this Alert.", "Clear this Alert. It will be triggered again the next time conditions warrant.", "Check current conditions by executing the iBot that caused this alert.", and "Open the iBot that generated this alert.". The second row has a yellow icon, the headline "My Chained iBot", a delivery time of "2/13/2007 11:02 AM", and a recurrence of "1". Below this row is a similar grey box with the same four links. At the bottom left of the interface, there is a small orange "XML" button.

Headline	Delivered:	Recurrence
% Sales Dropped Below 3%	2/13/2007 11:03 AM	1
My Chained iBot	2/13/2007 11:02 AM	1

If you prefer, you can also navigate to the dashboard and select the iBots from your Alerts! area.



The screenshot shows the "Alerts!" area in the Oracle dashboard. It features a red "Alerts!" header. Below the header, there are two entries, each with a yellow icon and a blue link: "% Sales Dropped Below 3%" and "My Chained iBot". At the bottom left of the area, there is a small orange "XML" button.

Summary

In this lesson, you've learned how to:

- ❑ Configure Oracle Business Intelligence Scheduler tables.
- ❑ Create a Request and Publish it to the Interactive Dashboard.
- ❑ Create a Simple iBot.
- ❑ Create a Conditional iBot.
- ❑ Create a Chained iBot.

Related Information

- ❑ [Oracle Business Intelligence Enterprise Edition](#)

To learn more about OracleBI EE, refer to additional OBEs on the

☐ [OTN](#) Web site.

☐ Refer to the Welcome page for your Oracle BI EE software