

Business Graphic Exercises



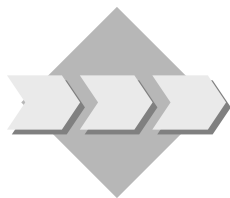
Unit: Web Dynpro Business Graphics

Topic: Simple Business Graphics



At the conclusion of this exercise, you will be able to:

- Add a Simple Business Graphic to your Web Dynpro application.
- Use the important properties of Business Graphics.
- How to pass data to your Business Graphic.



Exercise 1 – Create a Simple Business Graphic

1 Overview

This solution will step you through step by step how to create a Web Dynpro application that contains a Business Graphic.

2 Prerequisites

- 2-1 The SAP NetWeaver Developer Studio is installed on your computer.
- 2-2 You have access to the SAP J2EE Engine (Release 6.40), and it has been configured for using the Internet Graphics Server (IGS).

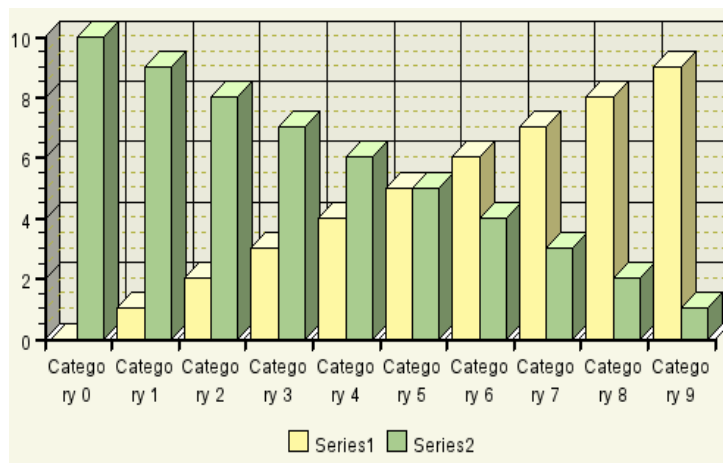
3 Exercise Guide

- 3-1 Open the project template in the exercise directory called WD03_Advanced_BusinessGraphics.
- 3-2 Open the view called SimpleGraphicsView and add a Business Graphic to the layout.
 - 3-2-1 Set the properties of the Business Graphic appropriately.
 - The chartType should be “columns”.

- Change the height and width of your Business Graphic.
- 3-2-2 Add a category to your Business Graphic – just right click on your Business Graphic in the Outline pain or your layout, and select “Insert Category”
- 3-2-3 Add 3 Simple Series to your Business Graphic – To add do same thing you did for a Category but select “Insert Series” – make sure to select SimpleSeries in the popup window!
- Set the “label” property of your Simple Series – just enter in some text for each one (Biz One, Biz Two, Biz Three)
- 3-3 Create the necessary elements in your views context.
- 3-3-1 You will need 1 value node.
- 3-3-2 Under the value node you will need 4 value attributes.
- 1 should be of type String – Will be mapped to your Business Graphic’s category
 - The other 3 should be of type double – will be mapped to your Business Graphic’s Simple Series.
- 3-4 Map your Business Graphic, Simple Series, and Category to the context elements.
- 3-5 In the view’s wdDoInit() method add the necessary code to fill data into your context that can be used in your Business Graphic. (Hint: See page 26 of presentation)
- 1-5-1 This will require a “for” loop and creating a value node of the type you created above, and then setting the value attribute properties of that node (Category and Simple Series values).

4 Deploy and Run

- 4-1 Your application, the output should look similar to what is shown below, but you should have 3 columns per category.





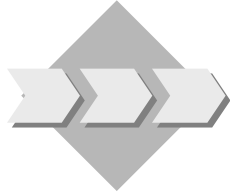
Unit: Web Dynpro Business Graphics

Topic: Introduction to the Chart Designer



At the conclusion of this exercise, you will be able to:

- Learn how to start the Chart Designer.
- Use the Chart Designer to make basic changes to your Business Graphic.



Exercise 2 – Use the Chart Designer to Customize Your Simple Business Graphic

1 Overview

This exercise will test your ability to customize simple business graphic. You will learn to start and use the Chart Designer to make modifications to your business graphic.

2 Prerequisites

- 2-1 The SAP NetWeaver Developer Studio is installed on your computer.
- 2-2 You have access to the SAP J2EE Engine (Release 6.40), and it has been configured for using the Internet Graphics Server (IGS).
- 2-3 You have successfully finished exercise 1 – Simple Business Graphics.

3 Exercise Guide

- 1-1 Open your project that you completed in Exercise 1 – Simple Business Graphics. The name of the project should be “SimpleGraphics”.
- 1-2 Start the Chart Designer.
 - 1-2-1 Open the view “SimpleGraphicsView”.
 - 1-2-2 Go to the “Layout” of the view.

1-2-3 Right Click on your Business Graphic UI Element, and select “Start Chart Designer”.

1-3 Edit the properties.

1-3-1 Set the Title of your business graphic. Just highlight the “Title” element in the “Overview” pain. Then enter your title in the “Caption” property.

1-3-2 Set the Legend caption. Same process you did for the “Title”, but for “Legend”. Set the “Border” properties so that the legend has a black border.

1-3-3 Set the Title and Unit “caption” property under the “Category axis” element. (Open up the node, you will see a Title element).

1-3-4 Do the same as above but for the first “Value axis” node.

1-3-5) Change the Background Color. Highlight the “Background” element in the Overview pane. Under “Area Properties” you can set the color.

1-3-6) Go ahead and play around with all the settings and see what effect they have on your Business Graphic...have fun!

1-3-7) Don’t forget to save your Meta Data!

4 Deploy and Run

4-1 Your application, the output should look similar to what is shown below...what your graphic really looks like depends on the settings you made using the Chart Designer.

