



COMPLEX GRAPHICAL REPORT GENERATOR
VERSION 1.0

USERS GUIDE

8/15/2000

Company Name Here



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1. Introduction

The Complex Graphical Report Generator is a ColdFusion application designed to quickly translate stored data into an easy-to-understand graphical report. It is capable of creating bar or line charts that can easily be altered to suit the user's individual needs. The generator is easy to use and can quickly translate any data, making it a powerful and useful business tool.

2. Working with Charts

Any report generated by the Complex Graphical Report Generator can be instantly altered using the generator's intuitive user interface. Sections 2.1 and 2.2 explain how to use the interface to customize charts.

2.1 Customizing the Chart

Using the Complex Graphical Report interface is extremely easy. Any user, beginner or expert, will find that generating and customizing charts is as easy as 1-2-3. The steps below detail how to customize the charts.

1. Once the chart is generated, it is displayed in 3-dimensional, vertical line chart format by default. The Options Bar, located above the chart, contains all functions used to customize the chart's layout. Figure 1 illustrates the line chart interface. (**NOTE:** In the example below, the Y-axis represents the number of Widgets produced by Daniel and Krista, and the X-axis represents the production year.)

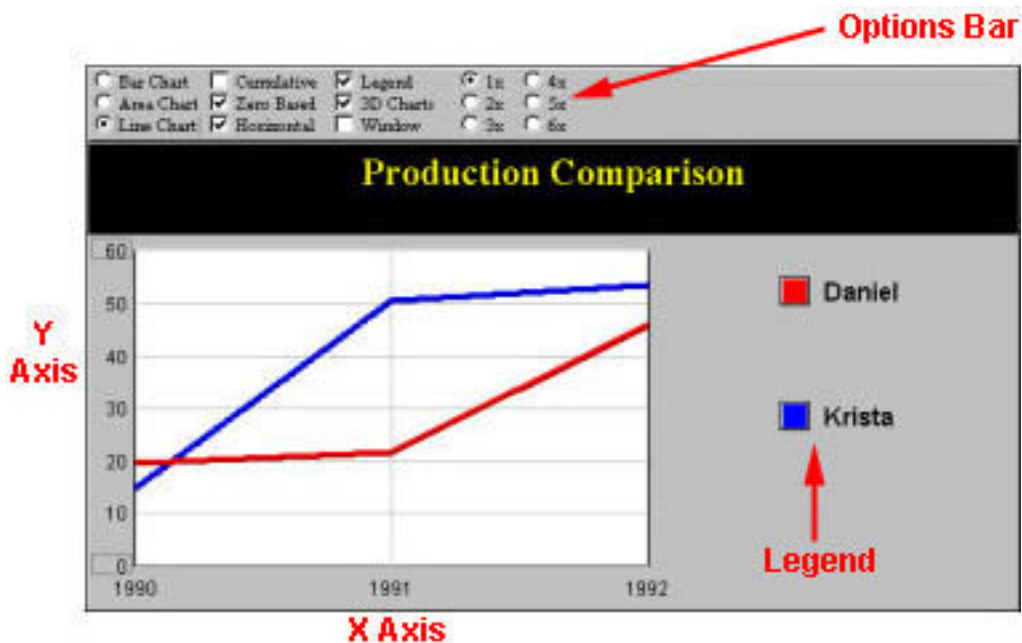


Figure 1 –Line Chart

2. To view the chart in a 2-dimensional layout, clear the **3D Charts** check box. To restore the 3-dimensional layout, select the **3D Charts** checkbox.
3. To present the chart horizontally, clear the **Vertical** check box. To restore the vertical layout, select the **Vertical** check box.
4. To present data cumulatively in the line chart, select the **Cumulative** check box. To restore the standard line chart, clear the **Cumulative** check box. (*NOTE*: The cumulative line chart displays production as it accumulates over time. For example, if Daniel produced 20 Widgets in 1990 and 21 in 1991, then the chart will display 41 Widgets in 1991.)
5. To view the chart's legend, select the **Legend** check box. To restore the chart-only view, clear the **Legend** check box.
6. To view the chart in a separate browser window, select the **Window** check box. To close the new window and return to the original chart, clear the new window's **Window** check box.
7. To magnify the chart, select the option corresponding to the level of magnification you want. The chart can be displayed 2, 3, 4, 5, or 6 times its original size.
8. To present the data in a bar chart, select the **Bar Chart** option. The bar chart can be customized using all the options outlined in Steps 2 through 7. To return to the line chart, select the **Line Chart** option. Figure 2 illustrates the bar chart interface.

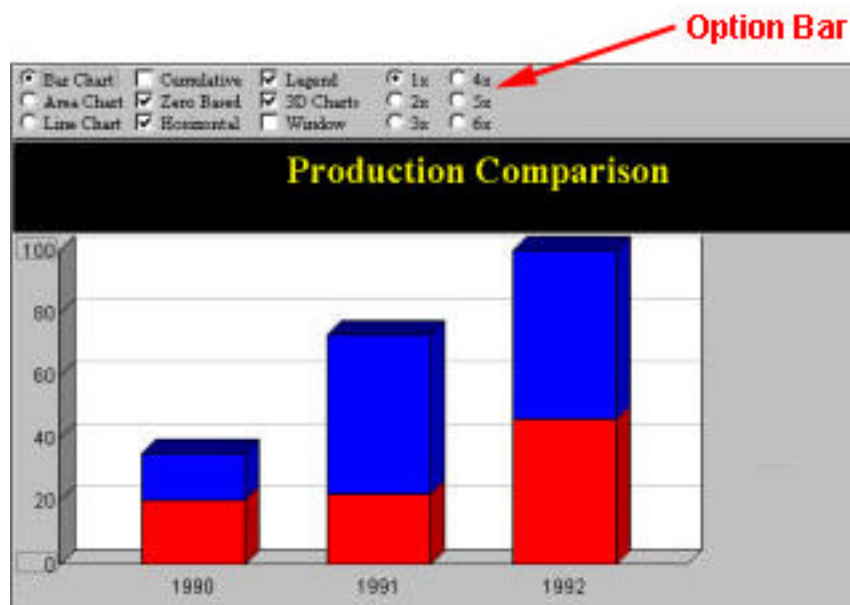


Figure 2 – Bar Chart

2.2 Customizing Line and Bar Chart Values

On line charts, Y-axis values are represented in increments of 10, and on bar charts, Y-axis values are represented in increments of 20. By default, all chart values (i.e., the number of Widgets produced in Figure 3) begin at zero and end with the first round number larger than the largest quantity. For example, in Figure 3 Daniel produced a maximum of 54 Widgets; therefore, the Y-axis values end at 60. However, the Complex Graphical Report Generator allows users to alter these values to suit their individual needs. The steps below detail how to customize line chart values. (**NOTE:** These steps also apply to changing bar chart values.)

1. Once the chart is generated, place the pointer over the Y-axis base value (see Figure 3) to change the base value to a text box.

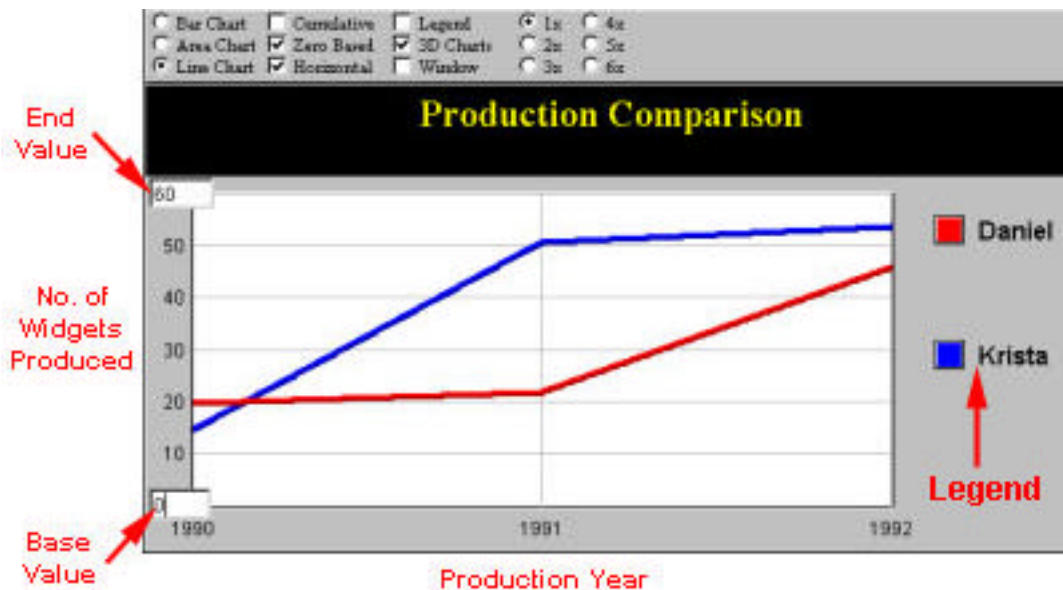


Figure 3 – Line Chart Values

2. Click inside the text box and enter the new base value for the Y-axis. After entering the new value, press ENTER or click anywhere outside the text box for the change to take effect. (**NOTE:** Only round numbers are used by the program. Therefore, if you enter any number between 1 and 9, the program reverts to 0 as its base value.)
3. To change the Y-axis end value, place the pointer over the Y-axis end value (see Figure 3) to change the end value to a text box.
4. Click inside the text box and enter the new end value for the Y-axis. After entering the new value, press ENTER or click anywhere outside the text box for the change to take effect. (**NOTE:** Only round numbers are used by the program. Therefore, if you enter any number between 51 and 59, the program uses 60 as its new end value.)

5. To restore the default Y-axis base and end values, select the **Zero Based** check box.

3. Graphical Report Generator Attributes

The Complex Graphical Report Generator uses the tags below to generate charts:

Custom Tags		
Attribute	Value	Definition
NumTitleLines:	(Default: 2)	Defines the number of lines the title can span.
TitleOnTop:	(Default: Yes)	Defines whether the title will be placed above the chart.
TitleHeightPercentage:	(Default: 15)	Defines title text height.
TitleBackgroundColor:	(Default: black)	Defines the title background color.
LegendBackgroundColor:	(Default: lightGray)	Defines the legend background color.
NumOfTitles: Number	(Default: 1)	Defines the number of titles used for the chart.
Title 1 Tags		
Attribute	Value	Definition
TitleFontProportion1:	(Default: 3.0)	Defines the title's proportions relative to the chart.
TitleFontName1:	(Default:TimesRoman)	Defines the title font.
TitleFontStyle1:	(Default: BOLD)	Defines the title font style (i.e., Bold, Italic, Underline).
TitleFontColor1:	(Default: yellow)	Defines the title color.
Title 2 Tags		
Attribute	Value	Definition
TitleFontProportion2:	(Default: 3.0)	Defines the title's proportions relative to the chart.
TitleFontName2:	(Default: TimesRoman)	Defines the title font.
TitleFontStyle2:	(Default: BOLD)	Defines the title font style (i.e., Bold, Italic, Underline).
TitleFontColor2:	(Default: yellow)	Defines the title color.

Title N (Title Number above 2) Tags		
Attribute	Value	Definition
TitleFontProportionN:	(Default: 3.0)	Defines the title's proportions relative to the chart.
TitleFontNameN:	(Default: TimesRoman)	Defines the title font.
TitleFontStyleN:	(Default: BOLD)	Defines the title font style (i.e., Bold, Italic, Underline).
TitleFontColorN:	(Default: yellow)	Defines the title color.
Chart Tags		
Attribute	Value	Definition
Items	N/A	X-Axis: The "Items" attribute identifies the items being displayed in the chart. For example, the X-axis in Figures 1 and 3 represent the Widget ID number.
Values	N/A	Y-Axis: The "Values" attribute identifies the number of items being displayed in the chart. For example, the Y-axis in Figures 1 and 3 represent the number of Widgets between 0 and 70.
Window:	(Default: no)	Defines whether the chart is displayed in a new window.
BackColor:	(Default: lightGray)	Defines the chart's background color.
ItemClickAction:	(Default: Off)	ColdFusion or Off
ItemColdFusionTemplate	(Optional)	Defines whether to call an existing Cold Fusion template.
CGIExecutable	(Optional)	CFML.exe that calls an existing Cold Fusion template.
ShowHeaderPanel:	(Default: Yes)	Defines whether to display the header panel.
HeaderPanelColor:	(Default: lightGray)	Defines the header panel color.
ChartBackgroundColor	(Default: White)	Defines the chart's background color.
ChartFontColor:	(Default: black)	Defines the chart's font color.

ChartAxisColor:	(Default: black)	Defines the chart's axes colors.
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Attribute	Value	Definition
HorizontalChart:	(Default: Yes)	Defines whether the chart is displayed horizontally.
MaxScrollPages:	(Default: 8)	Defines the maximum number of pages used by the chart.
LegendFontName:	(Default: System)	Defines the font used in the legend.
LegendFontStyle:	(Default: bold)	Defines the font style used in the legend.
LegendFontColor:	(Default: black)	Defines the font color used in the legend.
LegendBoxColor:	(Default: black)	Defines the box color used in the legend.
LegendOnLeft:	(Default: no)	Defines whether the legend is displayed on the left side of the chart.
LegendWidthPercentage	(Default: 33)	Defines the size of the legend in proportion to the chart.
ShowLegend:	(Default: no)	Defines the whether the legend is displayed.
GraphType:	(Default: bar)	Defines the type of chart displayed (i.e., bar or pie).
GraphOutlineColor:	(Default: black)	Defines the chart's outline color.
RotatePieChart:	(Default: no)	Defines whether the pie chart rotates.
PieChartRotationRate:	(Default: 10)	Defines the rate at which the pie chart will rotate.
ZeroBasedRange:	(Default: no)	Defines whether the Y-axis base value is zero.
Yes3DChart:	(Default: Yes)	Defines whether the chart is displayed three dimensionally.
ChartWidth:	(Default: 600)	Defines the chart's width.
ChartHeight:	(Default: 350)	Defines the chart's height.