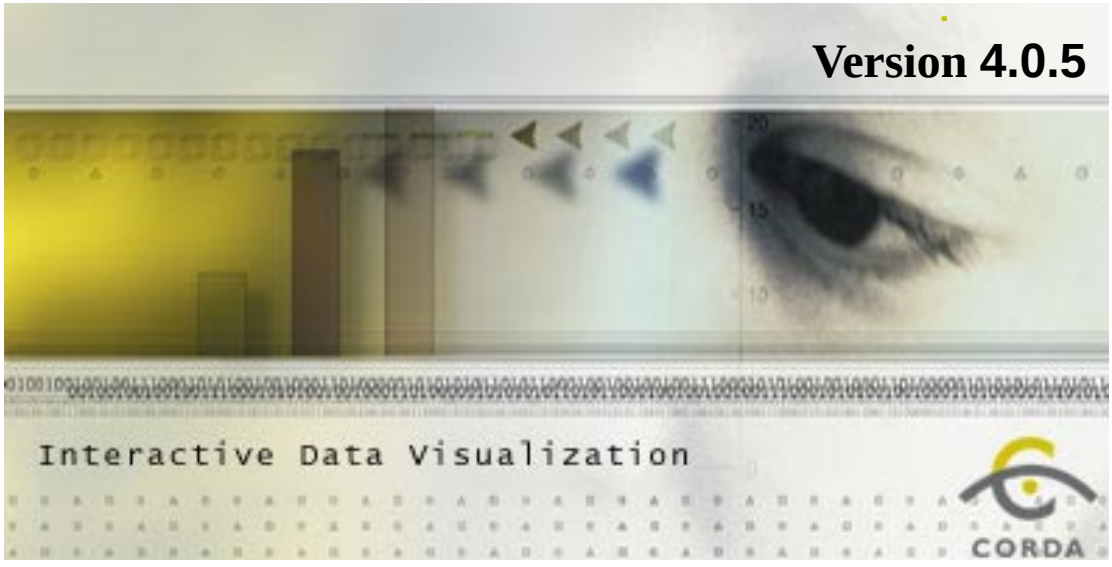
PopChart Examples



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1

INTRODUCTION

Welcome to the *PopChart Examples* book. This book contains examples of charts and graphs that you can make with PopChart Xpress, PopChart Builder, and PopChart Server. Each example contains step by step instructions on how to build the graph in PopChart Xpress or PopChart Builder, along with data in several formats that you can use dynamically with PopChart Server.

The contents of this book are also provided in HTML in the examples/html/popchart_examples directory of your PopChart installation. The benefit of the HTML examples is that you can interact with them and see how the graphs will look in an actual web environment. If you have installed PopChart Server, the examples will even be dynamically generated by PopChart Server, so that you can get a feel for how PopChart Server works.

If you are new to PopChart and want to learn how to use it, you should refer to either the *PopChart Quick Start* manual or the *PopChart Server User Guide*. If you are looking for a reference on PopChart's commands, the PopChartEmbedder APIs, or other specifications, you should refer to the *PopChart Server Reference* manual.

This documentation will be updated frequently as performance is enhanced and new features are added. Please visit the Corda Technologies website (http://www.corda.com) regularly for the latest documents.

WHAT IS POPCHART?

In a world of ever increasing information, perhaps no skill is more valuable than the ability to convey that information in the most understandable and accessible format possible. Raw data is no exception to this rule, yet because understanding raw data often involves wading through spreadsheet after spreadsheet in search of key figures and trends, it is often the hardest type of information to convey.

For that reason, data visualization is paramount. Graphs and charts can convey in a few seconds information that is often not clear even after hours of analyzing numbers. Data visualization is what Corda Technologies is all about. With our easy-to-use PopChart tools, you can translate your data into state-of-the-art PopChart images—eye-catching, high-resolution, and interactive data-driven graphics, such as the ones on the next page.

A PopChart image can contain a variety of charts and graphs, fed with on-demand dynamic data. It can include explanatory text boxes, callout notes, or PopUp text that appears as a viewer rolls over certain parts of the graph. It can even include interactive drill-down effects, such as linking to another PopChart image as a user clicks on a certain data item, or executing your own custom JavaScript™ functions.

As you read through this documentation, you will learn all about how you can utilize PopChart technology to convey your information. And, if you haven't already, you will soon discover why PopChart is your all-purpose data visualization tool.

ABOUT PopChart Server

PopChart Server does exactly what its name implies—that is, it serves images of charts and graphs. But these aren't just run-of-the-mill static charts and graphs. These are dynamic and interactive images generated by PopChart Server on the fly.

It works like this. You create an appearance file (kind of like a template for a graph) with PopChart Builder. Then, you send this appearance file to PopChart Server, along with data and formatting options, and PopChart Server returns a PopChart image—a graphical representation of your data, complete with PopUp text and the ability to drill-down to another graph that explains a data item in greater detail.

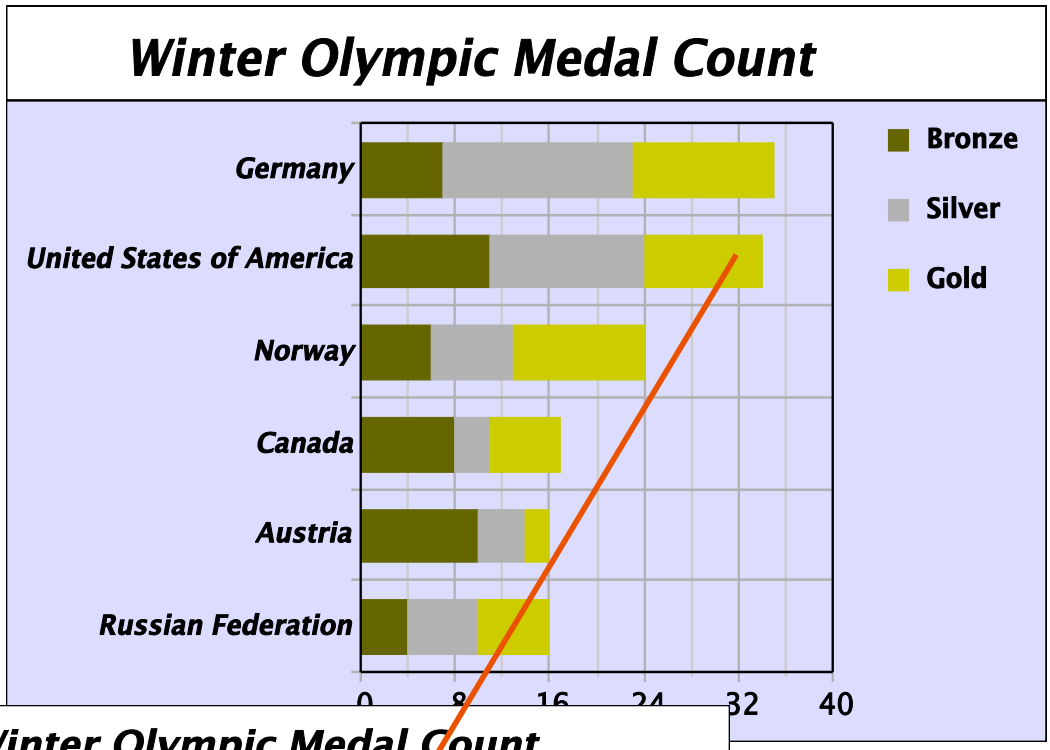
The image can be in one of many different types of formats, including Macromedia® FLASH™, SVG™, PNG, GIF, PDF, EPS, WBMP, and even even d link descriptive text for the visually impaired. You can also interface natively with PopChart Server in a variety of environments, from simple HTML to ColdFusion®; from Java Application Servers to Microsoft®'s .NET framework. PopChart Server can accept data from most database and data file formats. It even supports XML, making PopChart Server easy to integrate with your existing database system.

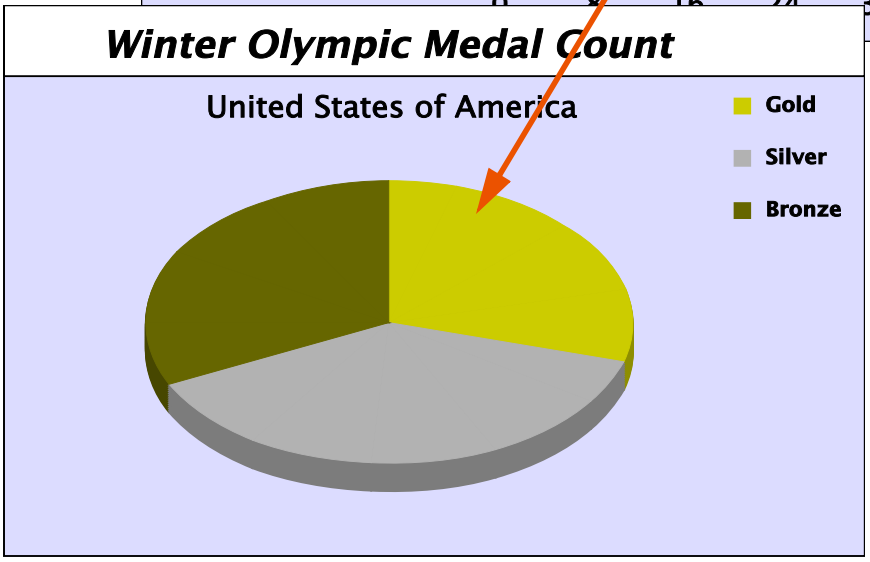
PopChart Server is the fastest, most robust, and most versatile data visualization and charting tool on the market today. Best of all, because PopChart Server is written in 100% Java™, it can run on any platform. No matter what environment you operate in, you can

take advantage of PopChart Server's patented DataFunnel™ technology to deploy the latest in state-of-the-art interactive data-driven graphics.

Over 20 different graph types, including Bars, Pies, Gauges, X-Y, Time, and Radar.

Data can be dynamic or static. PopChart also supports XML!





Data items drill-down to other web pages or PopCharts as the user clicks on them. Or you can execute a JavaScript function.

Crisp, colorful, 3D graphics in 7 different formats, including FLASH, GIF, SVG, and PDF.

PopChart Server can be downloaded for evaluation or purchased from the Corda Technologies website at http://www.corda.com.

ABOUT PopChart Builder

PopChart Builder is a graphical design tool that helps you design appearance files (templates) for use with PopChart Server. This easy-to-use development tool is purchased separately from PopChart Server, as many companies have multiple developers creating appearance files, but only one or two servers.

PopChart Builder can be downloaded for evaluation or purchased from the Corda Technologies website at http://www.corda.com.

ABOUT PopChart Xpress

For those looking to publish static PopChart images from their desktop, there's PopChart Xpress, a program that can run on any operating system and is easy enough for even non-technical employess to use. You simply choose a graph type in the PopChart Wizard, copy data from a spreadsheet program such as Microsoft Excel, select a few formatting options, and PopChart Xpress generates everything you need to publish an image of your graph on the web.

PopChart Xpress can be downloaded for evaluation or purchased from the Corda Technologies website at http://www.corda.com.

ABOUT THESE EXAMPLES

There are over 20 different examples in this book. If you are viewing the examples in book (PDF) form, each example takes two pages. In HTML form, each example will be on its own web page.

At the top of the left page of the book (or at the top of the web page) you will see the title of the example. Immediately below the title, you will see an image of a PopChart. In book form, it will be nothing more than an image. If you are viewing in HTML, though, you will be able to interact with the image (PopUp Text, Drill-down effects, etc).

Immediately below that, for most graphs, you will see a spreadsheet containing the data used in the example. This data is formatted specifically for use with the graph type in the example. It can be used to send data to the graph through screen-scraping (refer to "HTML Tables" on page 6-19 in the *PopChart Server User Guide*).

Immediately below this you will see a table containing information about the example. Here is an explanation of what this information means:

APPEARANCE FILE

This file is the PopChart appearance file (or project file, in the case of PopChart Xpress). This file is located in the examples/apfiles directory of your PopChart installation. Feel free to open it up in PopChart Xpress or PopChart Builder and copy it or change some of its settings.

PCXML FILE

This is the location of a PopChart XML (PCXML) file that contains the exact same data as you see in the spreadsheet. This file is located in the examples/data directory of your PopChart installation.

In the PDF version of the *PopChart Examples* book, this links to Appendix C, "Example PopChart XML Data," which contains the full text of each example PCXML Data file. In the HTML version of the *PopChart Examples* book, this links directly to the PCXML document.

For information about PopChart XML, refer to Chapter 10, "Using PopChart XML," in the *PopChart Server User Guide*.

XML DATA FILE

This is a link to an XML Data file that can be used in conjuction with the appearance file to dynamically create this PopChart image (applies only to PopChart Server). This file is located in the examples/data directory of your PopChart installation.

In the PDF version of the *PopChart Examples* book, this links to Appendix A, "Example XML Data Files," which contains the full text of each example XML Data file. In the HTML version of the *PopChart Examples* book, this links directly to the XML document.

For information about XML Data files, refer to "XML Data Files" on page 6-17 in the *PopChart Server User Guide*.

PCSCRIPT

This is a link to a file that contains PCScript commands that can be used in conjuction with the appearance file to dynamically create this PopChart image (applies only to PopChart Server). This file is located in the examples/command directory of your PopChart installation.

In the PDF version of the *PopChart Examples* book, this links to Appendix A, "Example XML Data Files," which contains the full text of each example XML Data file. In the HTML version of *PopChart Examples*, this links directly to the XML document.

Note: *In the HTML version of the PopChart Examples, each PCScript command string starts with `@_PCSCRIPT`. This is not actually part of the PCScript command string, rather it instructs PopChart Server to interpret everything that follows as PCScript. Actually, to be technically accurate, there is no such thing as a PCScript command file. These files are server command files that contain only PCScript.*

For information about PCScript, you should refer to Chapter 5, "PCScript," in the *PopChart Server Reference* manual.

CSV FILE

This is the location of a comma separated data file that contains the exact same data as you see in the spreadsheet. This file is located in the examples/data directory of your PopChart installation.

In the PDF version of the *PopChart Examples* book, this link will go nowhere, as the data is already available in the spreadsheet. In the HTML version, this will link directly to the file.

For information about XML Data files, refer to "Comma Separated Value Files" on page 6-17 in the *PopChart Server User Guide*.

TAB-DELIMITED

This is the location of a tab-delimited data file that contains the exact same data as you see in the spreadsheet. This file is located in the examples/data directory of your PopChart installation.

In the PDF version of the *PopChart Examples* book, this link will go nowhere, as the data is already available in the spreadsheet. In the HTML version, this will link directly to the file.

For information about XML Data files, refer to "Tab-Delimited Data Files" on page 6-16 in the *PopChart Server User Guide*.

VIEWING THE HTML EXAMPLES

To get to the HTML version of the *PopChart Examples*, you should click on the PopChart Examples shortcut, which will be in your Start Menu on Microsoft Windows® systems, on your desktop on Macintosh® systems, and in your Home folder on UNIX® compatible systems. If you can not find this shortcut, open the examples/index.html file in your PopChart root directory.

From here, you will be given several options. Select the PopChart Examples Book to see these examples. On the next page, you will be given three options, all of which lead to different versions of the same examples.

DYNAMIC HTML

You will need to make sure that PopChart Server is started before you can view the examples. The example book will check to see if PopChart Server is started before it will allow you to view the examples. If PopChart Server is not running on your machine (http://localhost:2001), it will give you the chance to either start PopChart Server, or enter in the location of a running PopChart Server.

These dynamic HTML web pages contain PopChart images that are generated dynamically by PopChart Server as you view the pages. Using the top frame, you can select what data source PopChart should import the data from.

If you scroll to the bottom of each page, you will see the JavaScript PopChartEmbedder code used to request these images. You will also see the HTML used to embed the images.

For more information about embedding PopChart images with the PopChartEmbedder, refer to Chapter 4, "Embedding PopChart Images in a Web Page," in the *PopChart Server User Guide*. For more information on embedding PopChart images in regular HTML, refer to Chapter 11, "Getting PopChart Images with HTTP Requests," in the *PopChart Server User Guide*.

STATIC HTML

These web pages contain PopChart images that have already been generated. You should select this option if you are running only PopChart Builder or PopChart Xpress, or if you do not want to start PopChart Server. You will be uanable to view the code that created the image.

PDF

PDF is convenient if you want to print an example, but allows no interaction with the example graphs.

CONVENTIONS USED IN THIS DOCUMENTATION

To make this manual easier to read, we use some special conventions when referring to files, URLs, example code or text, and options or buttons in dialogs and menus. For the most part, these should be pretty intuitive, but we mention them here just in case.

FILENAMES

Names of files are shown in a slightly larger arial font and are colored gray (e.g. myfile.txt).

Unless stated otherwise, files are all relative to the *PopChart root directory*. This directory will vary from system to system. It is the folder where you installed PopChart. Usually, this is C:\Program Files\Corda40 on Microsoft Windows systems, or /usr/local/Corda40 on UNIX® systems.

Another commonly used term is document root, which is where you keep all of your data, xml, image, and appearance files for PopChart. Unless you have changed it in the Administration Console, your document root will be the chart_root folder in your PopChart root directory.

URLS

URLs are always shown in a slightly larger arial font. They are shown in two colors. If the URL actually exists, it will be blue (e.g. http://www.corda.com). You will also be able to click on it as if it were a normal link. If the URL is for example purposes only, it will be colored gray (e.g. http://www.yourserver.com).

If the example URL is in reference to PopChart, you can usually make it a valid URL if you replace www.yourserver.com with the address (and port) of your PopChart.

EXAMPLE CODE

Small segments of code (including HTML and XML) that appear in the body of a normal paragraph are shown in courier font, and are colored light green or yellow (e.g. `graph.Transposed(true)`).

Medium sized segments of code appear on a single indented line in a courier font, as shown below:

```
<img src="http://www.yourserver.com:2001/?@_LOG>
```

Long segments of code look similar, but are on multiple lines and are delimited with a thin horizontal line above and below the code. At the top left corner of the segment, there will be an example number for reference. The code segment will also be given a title. Example 1.1 below demonstrates a longer segment of code.

Example 1.1 Example of Long Code Segment

```
myPopChart = new PopChartEmbedder();
myPopChart.appearanceFile("apfiles/test.bin");
myPopChart.pcScript("graph.setCategories(Jan;Feb;Mar;A
  pr;May;Jun)graph.setSeries(Temperature;30;40;50;60;7
  0;80)graph.addPopupText(1,1,Look at the pretty
  pictures)");
myPopChart.getEmbeddingHTML();
```

EXAMPLE TEXT

Any other example text, including text that should be typed into a dialog window and values of attributes or variables, will appear italicized in a slightly larger arial font (e.g. *false* in "The default value of `graph.Transposed` is *false*").

MENU/DIALOG NAMES AND OPTIONS

Names of menus, dialogs, and options are in a slightly larger arial font and are colored light green or yellow (e.g. Project Properties).

For brevity, whenever you have to go through multiple layers of menus or dialogs to arrive at the desired menu, dialog, or option, a greater than > sign will be used to indicate that the next menu, dialog, or option can be found under the previous.

For example, instead of saying, "Select the Save option from the File pull-down menu," this documentation will say, "Select File > Save." Similarly, instead of saying, "Change the value of the Port option in Address/Port screen of the Settings section in the Administration Console," this documentation will say, "Change the Settings > Address/Port > Port option in the Administration Console."

2

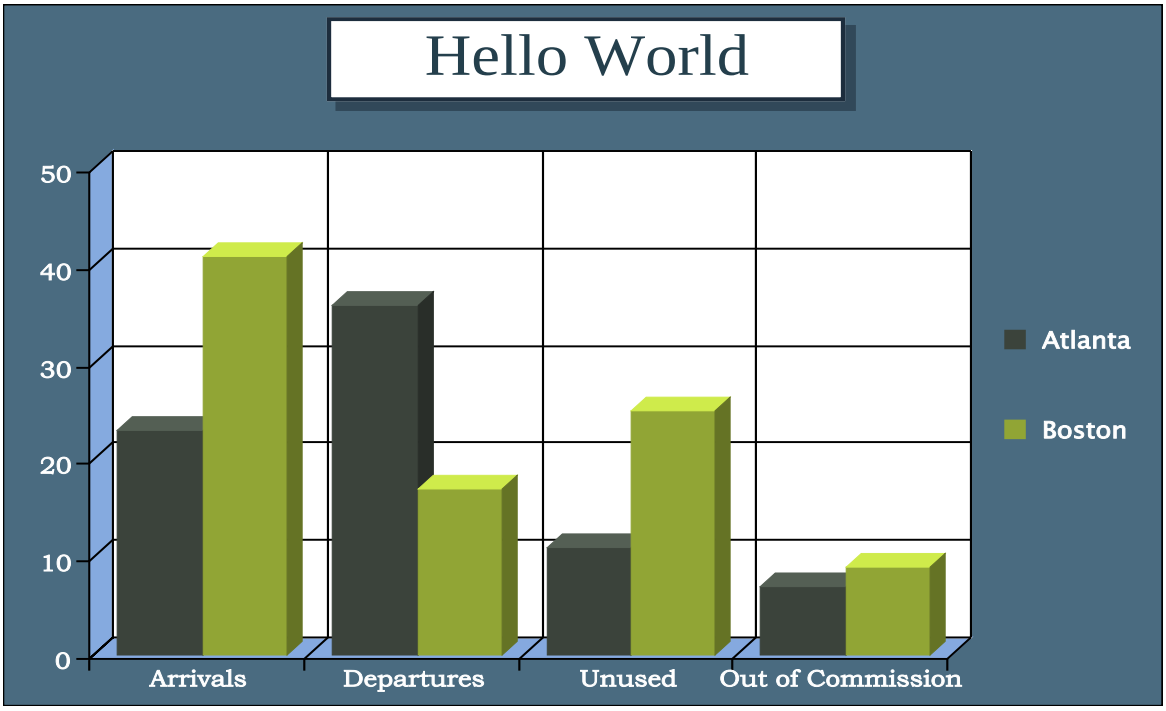
Bar Graphs

This chapter contains the following example Bar graphs:

- Simple Bar Graph
- Simple Horizontal Bar Graph

SIMPLE BAR GRAPH

Features: A Simple Bar Graph, 3D, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

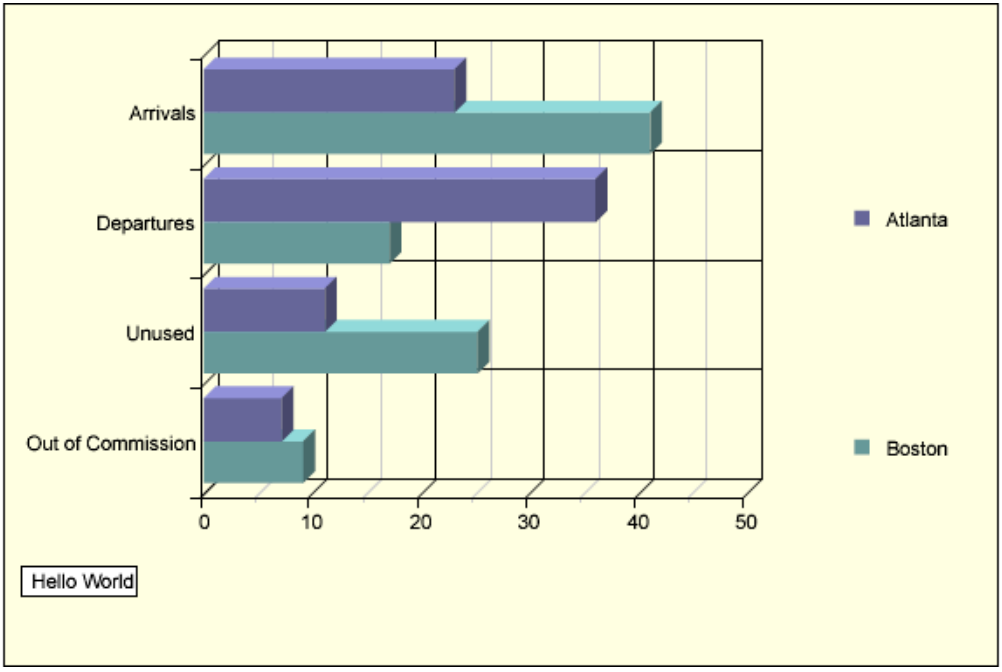
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`bar.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.dat`

SIMPLE HORIZONTAL BAR GRAPH

Features: A Simple Horizontal Bar Graph, 3D, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`hbar.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.dat`

3

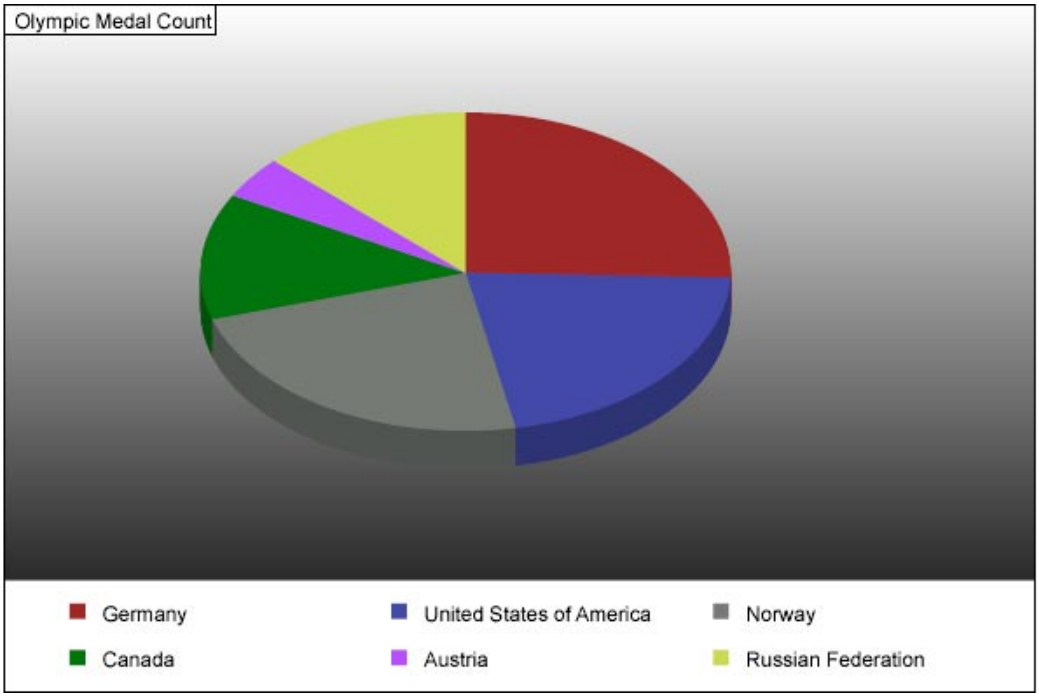
Pie Graphs

This chapter contains the following example Pie graphs:

- Simple Pie Graph
- Pie Graph with gaps

SIMPLE PIE GRAPH

Features: A Simple Pie Graph, 3D, Background Gradient, Rollover Data Labels



	Gold	Silver	Bronze	Total
Germany	12	16	7	35
United States	10	13	11	34
Norway	11	7	6	24
Canada	6	3	8	17
Austria	2	4	10	16
Russian Federation	6	6	4	16

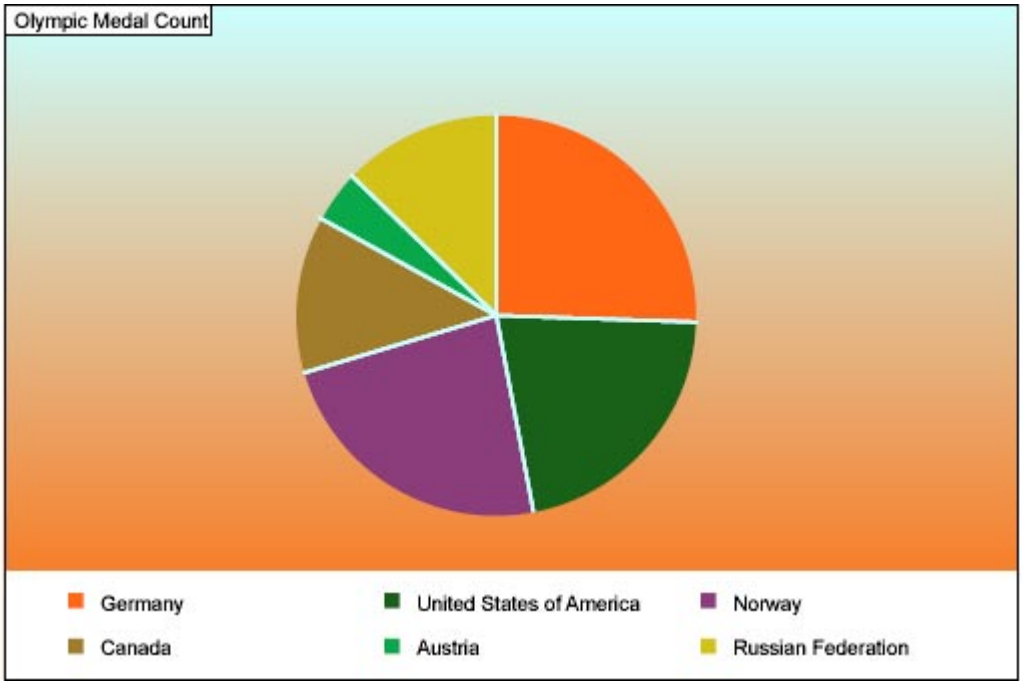
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`pie3d.pcxml`	**PCXML File**	`p_medals.xml` (C-3)
PCScript	`c_medals.txt` (B-2)	**XML Data File**	`medals.xml` (A-3)
CSV File	`medals.csv`	**Tab-Delimited**	`medals.dat`

PIE GRAPH WITH GAPS

Features: A Pie Graph with Gaps, Background Gradient, Rollover Data Labels



	Gold	Silver	Bronze	Total
Germany	12	16	7	35
United States	10	13	11	34
Norway	11	7	6	24
Canada	6	3	8	17
Austria	2	4	10	16
Russian Federation	6	6	4	16

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`piegaps.pcxml`	**PCXML File**	`p_medals.xml` (C-3)
PCScript	`c_medals.txt` (B-2)	**XML Data File**	`medals.xml` (A-3)
CSV File	`medals.csv`	**Tab-Delimited**	`medals.dat`

3 PIE GRAPHS

Pie Graph with gaps

4

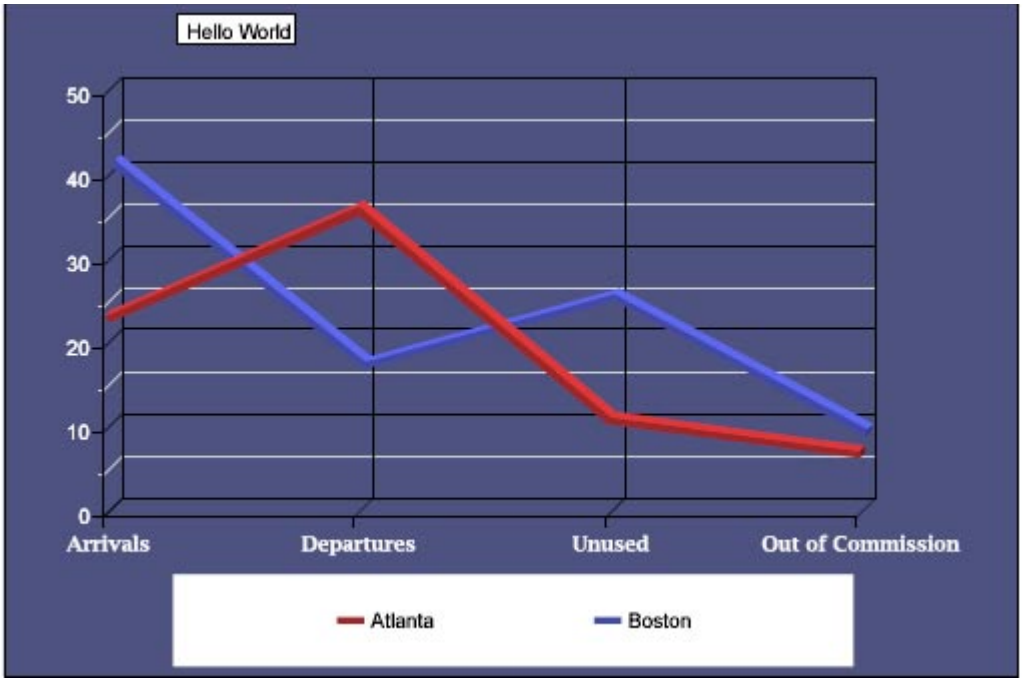
LINE GRAPHS

This chapter contains the following example Line graphs:

- Simple Line Graph

SIMPLE LINE GRAPH

Features: A Simple Line Graph, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`line.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.txt`

5

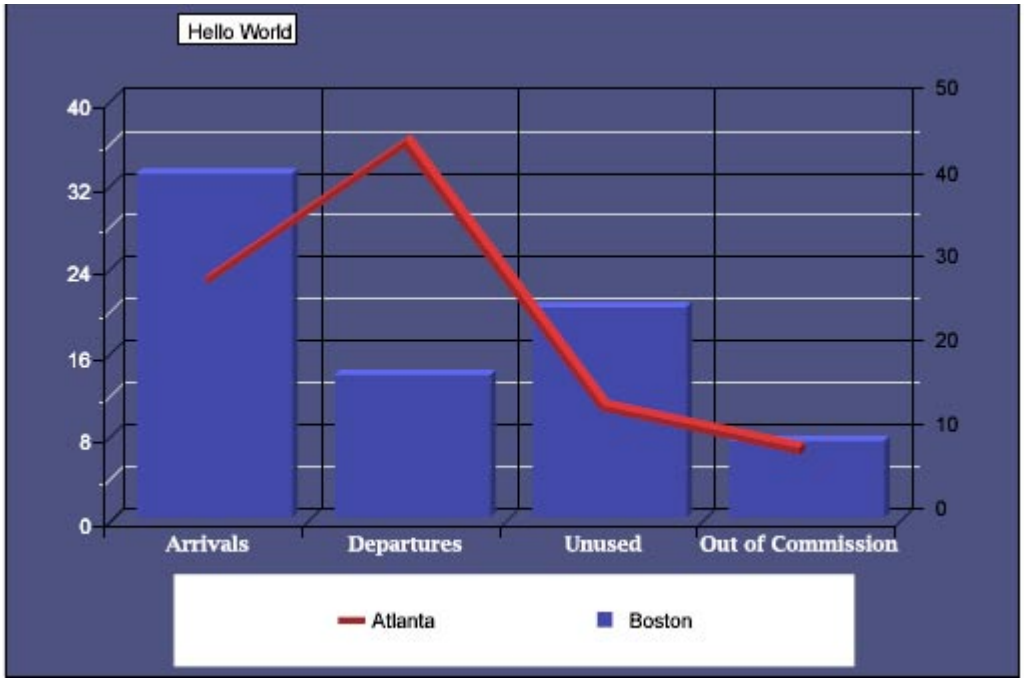
LINE BAR COMBO GRAPHS

This chapter contains the following example bar graphs:

- Line Bar Combo Graph

LINE BAR COMBO GRAPH

Features: A Line Bar Combo Graph, 3D, Background Color, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`linebar.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.dat`

6

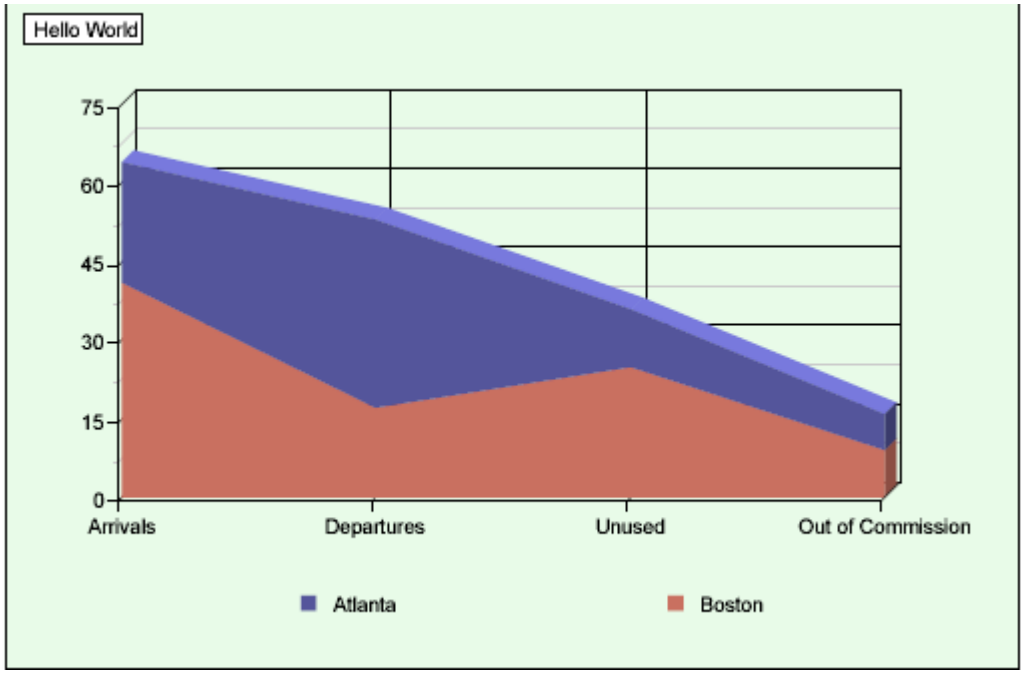
Area Graphs

This chapter contains the following example Area graphs:

- Simple Area Graph

SIMPLE AREA GRAPH

Features: A Simple Area Graph, 3D, Background Gradient, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`area.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.dat`

7

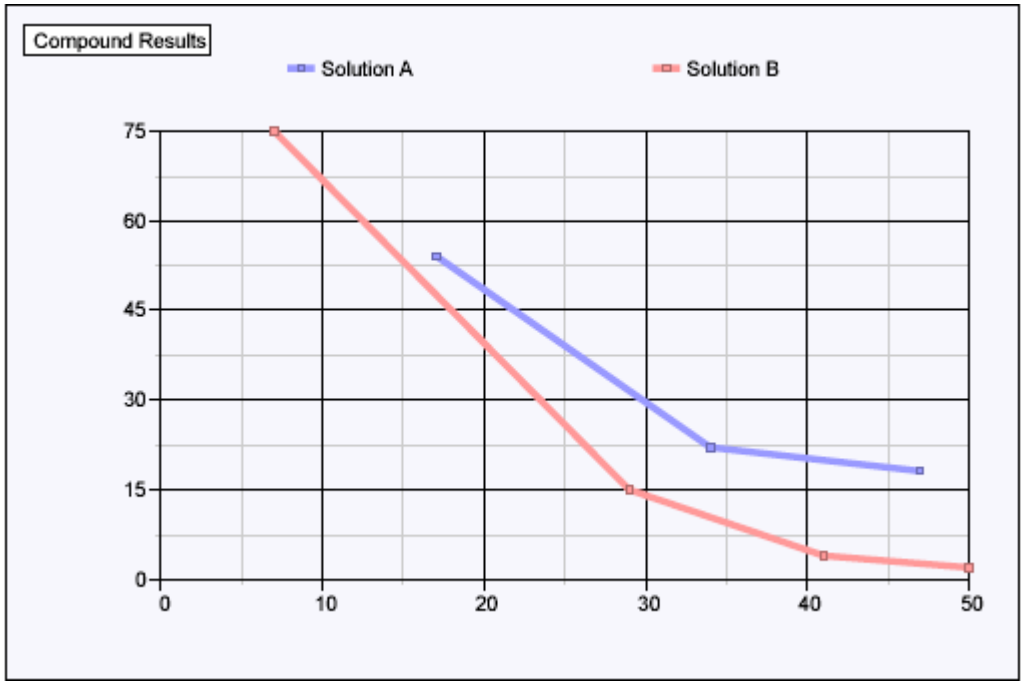
X-Y Graphs

This chapter contains the following example bar graphs:

- X-Y Line Graph
- X-Y Scatter Graph
- X-Y Bubble Graph
- X-Y Combo Graph

X-Y LINE GRAPH

Features: An X-Y Line Graph, Background Color, Rollover Data Labels



Solution A			Solution B	
17	54		7	75
34	22		29	15
47	18		41	4
			50	2

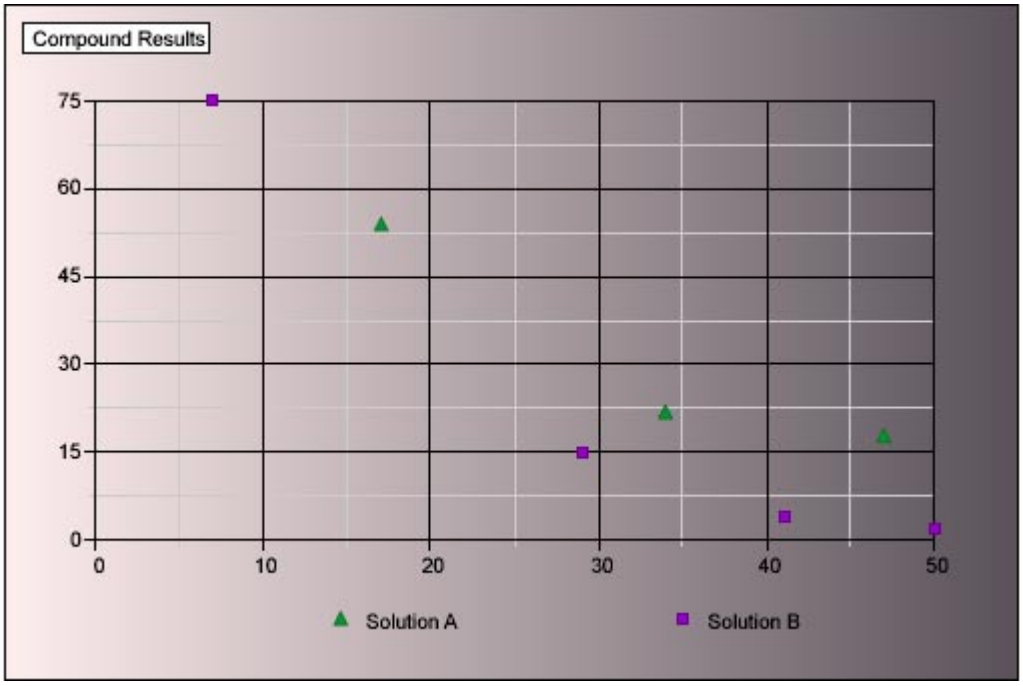
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`xyline.pcxml`	**PCXML File**	`p_xy1.xml` (C-16)
PCScript	`c_xy1.txt` (B-5)	**XML Data File**	`xy1.xml` (A-13)
CSV File	`xy1.csv`	**Tab-Delimited**	`xy1.txt`

X-Y SCATTER GRAPH

Features: An X-Y Scatter Graph, Background Gradient, Rollover Data Labels



Solution A			Solution B	
17	54		7	75
34	22		29	15
47	18		41	4
			50	2

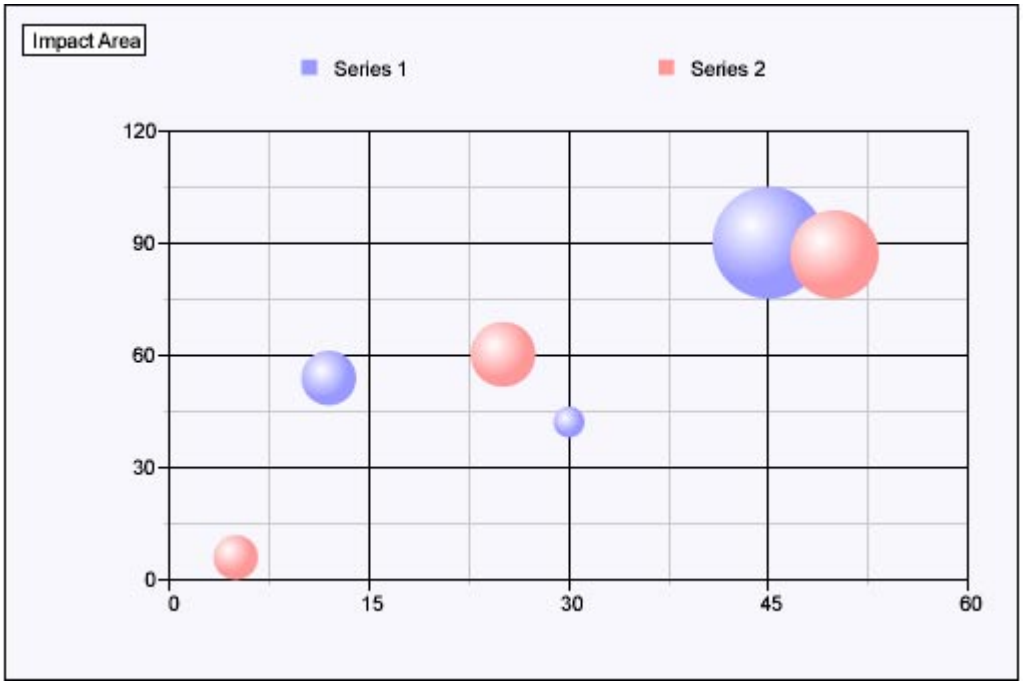
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`xyscatter.pcxml`	**PCXML File**	`p_xy1.xml` (C-16)
PCScript	`c_xy1.txt` (B-5)	**XML Data File**	`xy1.xml` (A-13)
CSV File	`xy1.csv`	**Tab-Delimited**	`xy1.txt`

X-Y BUBBLE GRAPH

Features: An X-Y 3D Bubble Graph, Rollover Data Labels



Series 1			Series 2		
12	54	5	5	6	4
45	90	10	25	60	6
30	42	3	50	87	8

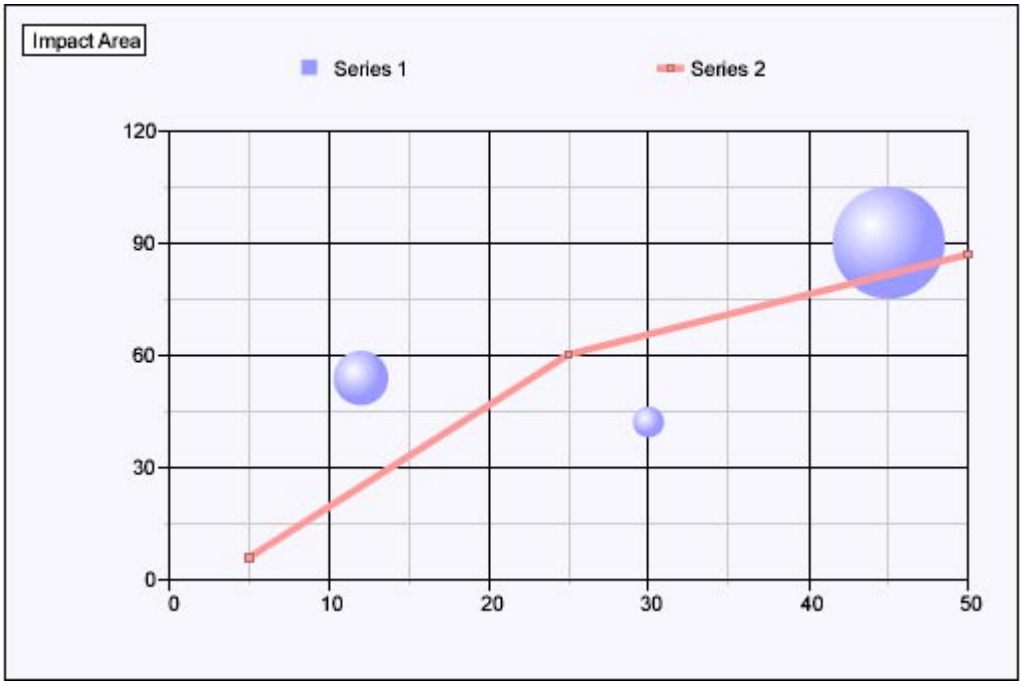
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`xybubble.pcxml`	**PCXML File**	`p_impact.xml` (C-14)
PCScript	`c_impact.txt` (B-4)	**XML Data File**	`impact.xml` (A-11)
CSV File	`impact.csv`	**Tab-Delimited**	`impact.txt`

X-Y COMBO GRAPH

Features: An X-Y 3D Bubble Line Combo Graph, Rollover Data Labels



Series 1			Series 2		
12	54	5	5	6	4
45	90	10	25	60	6
30	42	3	50	87	8

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`xycombo.pcxml`	**PCXML File**	`p_impact.xml` (C-14)
PCScript	`c_impact.txt` (B-4)	**XML Data File**	`impact.xml` (A-11)
CSV File	`impact.csv`	**Tab-Delimited**	`impact.dat`

7 X-Y GRAPHS
X-Y Combo Graph

8

Stock Graphs

This chapter contains the following example Line graphs:

- High-Low Graph
- High-Low/Open-Close Graph
- Candlestick Graph

HIGH-LOW GRAPH

Features: A High-Low Stock Graph, Background Gradient, Rollover Data Labels

	XYZ	
1997	76	39.625
1998	51.625	38.125
1999	61.387	39.346
2000	66.75	37.938
2001	57.75	40.5

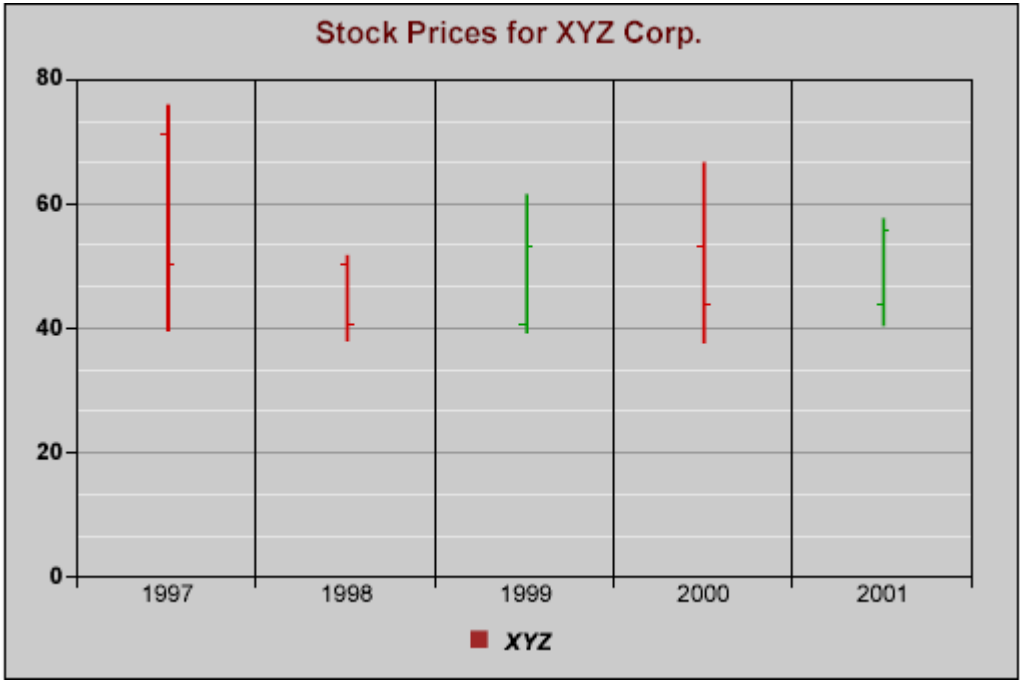
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`high-low.pcxml`	**PCXML File**	`p_stock1.xml` (C-10)
PCScript	`c_stock1.txt` (B-3)	**XML Data File**	`Not Valid`
CSV File	`stock1.csv`	**Tab-Delimited**	`stock1.txt`

HIGH-LOW/OPEN-CLOSE GRAPH

Features: A Hi-Low/Open-Close Stock Graph, Background Color, Rollover Data Labels



	XYZ			
1997	76	39.625	71.313	50
1998	51.625	38.125	50	40.563
1999	61.387	39.346	40.563	53.094
2000	66.75	37.938	53.094	43.938
2001	57.75	40.5	43.938	55.9

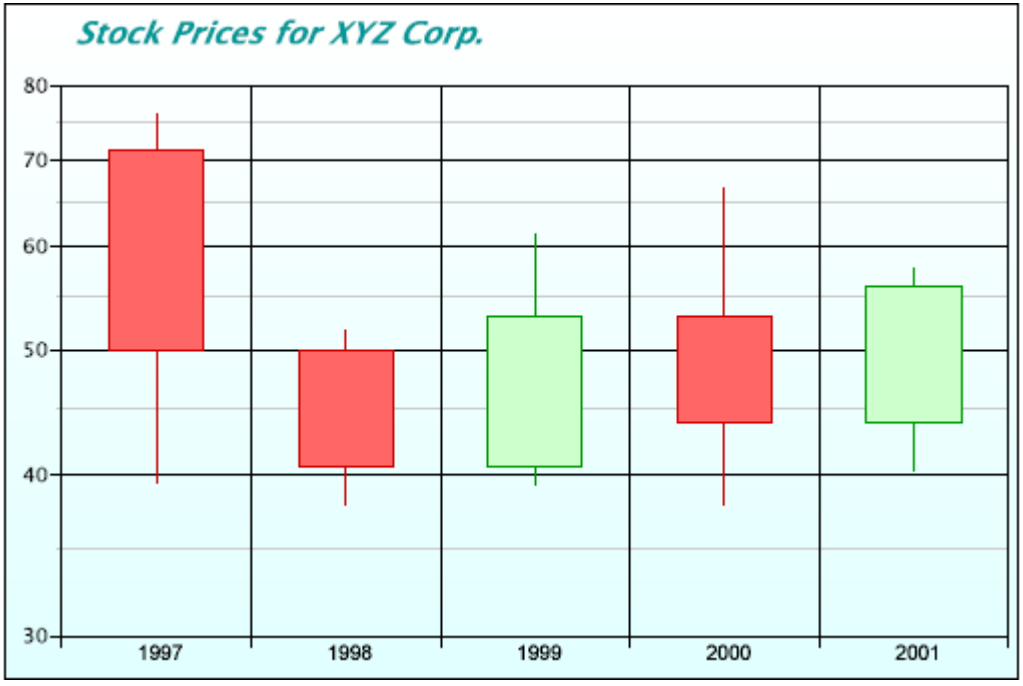
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	high-low_open-close.pcxml	**PCXML File**	p_stock1.xml (C-10)
PCScript	c_stock1.txt (B-3)	**XML Data File**	Not Valid
CSV File	stock1.csv	**Tab-Delimited**	stock1.txt

CANDLESTICK GRAPH

Features: A Candlestick Stock Graph, Background Color, Rollover Data Labels



	XYZ			
1997	76	39.625	71.313	50
1998	51.625	38.125	50	40.563
1999	61.387	39.346	40.563	53.094
2000	66.75	37.938	53.094	43.938
2001	57.75	40.5	43.938	55.9

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`candlestick.pcxml`	**PCXML File**	`p_stock1.xml` (C-10)
PCScript	`c_stock1.txt` (B-3)	**XML Data File**	`Not Available`
CSV File	`stock1.csv`	**Tab-Delimited**	`stock1.txt`

8 STOCK GRAPHS

Candlestick Graph

9

TIME PLOT GRAPHS

This chapter contains the following example Time Plot graphs:

- Time Line Graph
- Time Scatter Graph
- Time Bubble Graph

TIME LINE GRAPH

Features: A Time Line Graph, 3D, Background Gradient, Rollover Data Labels

Name Recognition			Considering Buying	
6/21/2001	54		7/1/2001	37
8/12/2001	90		9/10/2001	23
10/16/2001	75		12/12/2001	86

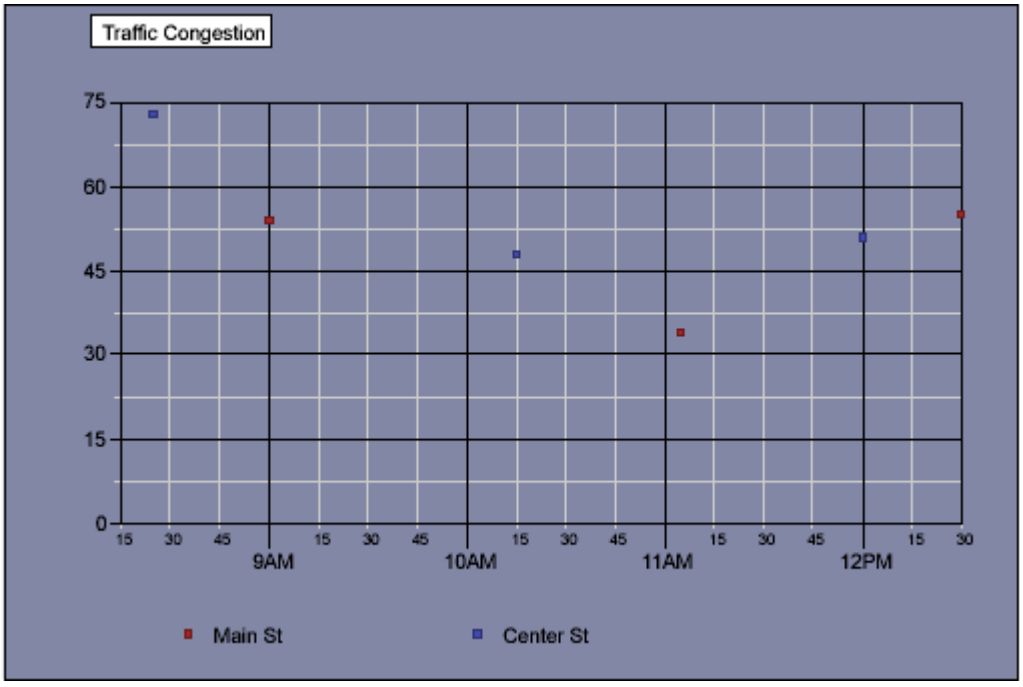
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`timeline.pcxml`	**PCXML File**	`p_survey.xml` (C-12)
PCScript	`c_survey.txt` (B-4)	**XML Data File**	`Not Available`
CSV File	`survey.csv`	**Tab-Delimited**	`survey.txt`

TIME SCATTER GRAPH

Features: A Time Scatter, Background Gradient, Rollover Data Labels, Date Input Format



Main St			Center St	
9:00	54		8:25	73
11:05	34		10:15	48
12:30	55		12:00	51

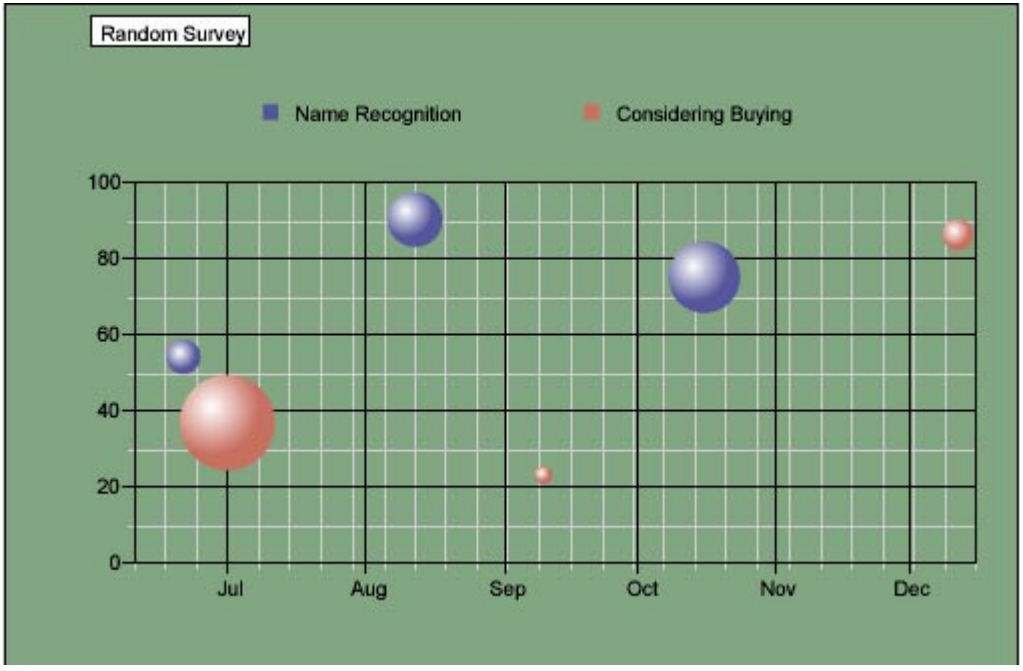
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	timescatter.pcxml	**PCXML File**	p_traffi.xml (C-13)
PCScript	c_traffi.txt (B-4)	**XML Data File**	Not Available
CSV File	traffic.csv	**Tab-Delimited**	traffic.txt

TIME BUBBLE GRAPH

Features: A Time 3D Bubble, 3D, Background Gradient, Rollover Data Labels



Name Recognition			Considering Buying		
6/21/2001	54	20	7/1/2001	37	52
8/12/2001	90	30	9/10/2001	23	11
10/16/2001	75	40	12/12/2001	86	17

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`timebubble.pcxml`	**PCXML File**	`p_survey.xml` (C-12)
PCScript	`c_survey.txt` (B-4)	**XML Data File**	`Not Available`
CSV File	`survey.csv`	**Tab-Delimited**	`survey.txt`

9 TIME PLOT GRAPHS

Time Bubble Graph

10

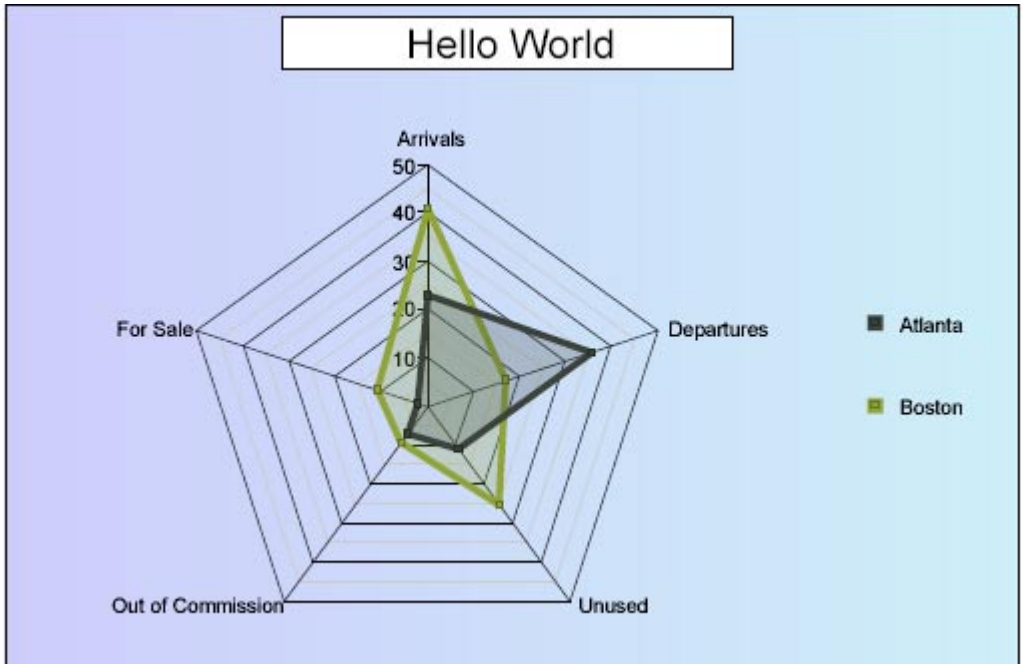
RADAR GRAPHS

This chapter contains the following example Area graphs:

- Radar Graph

RADAR GRAPH

Features: A Radar Graph, Background Gradient, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission	For Sale
Atlanta	23	36	11	7	2
Boston	41	17	25	9	11

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`radar.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data2.csv`	**Tab-Delimited**	`data2.txt`

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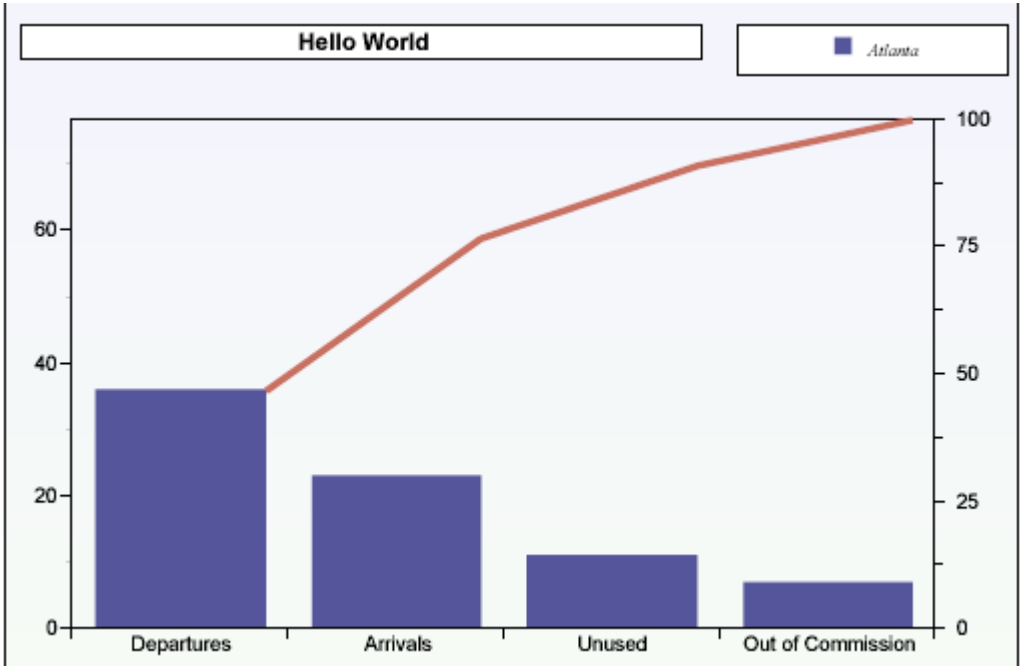
PARETO GRAPHS

This chapter contains the following example Area Graphs:

- Pareto Graph

PARETO GRAPH

Features: A Pareto Graph, Rollover Data Labels



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	pareto.pcxml	PCXML File	data1_p.xml (C-2)
PCScript	command1.txt (B-2)	XML Data File	data1.xml (A-2)
CSV File	data1.csv	Tab-Delimited	data1.dat

12

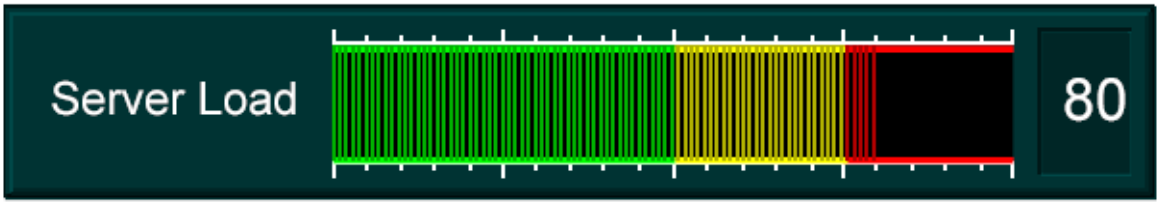
GAUGES

This chapter contains the following example Gauges

- LED Bar Gauge
- 3D Bulb Gauge

LED BAR GAUGE

Features: A LED Bar Gauge, definable range labels and colors



Server Load = 80

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`ledgauge_p.pcxml`	**PCXML File**	`gauge_p.xml` (C-17)
PCScript	`c_gauge.txt` (B-6)		

3D BULB GAUGE

Features: A 3D Bulb Gauge, 3D, definable range labels and colors

Note:

Server Load = 80

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`3Dbulb.pcxml`	**PCXML File**	`gauge_p.xml` (C-17)
PCScript	`c_gauge.txt` (B-6)		

12 GAUGES

3D Bulb Gauge

13

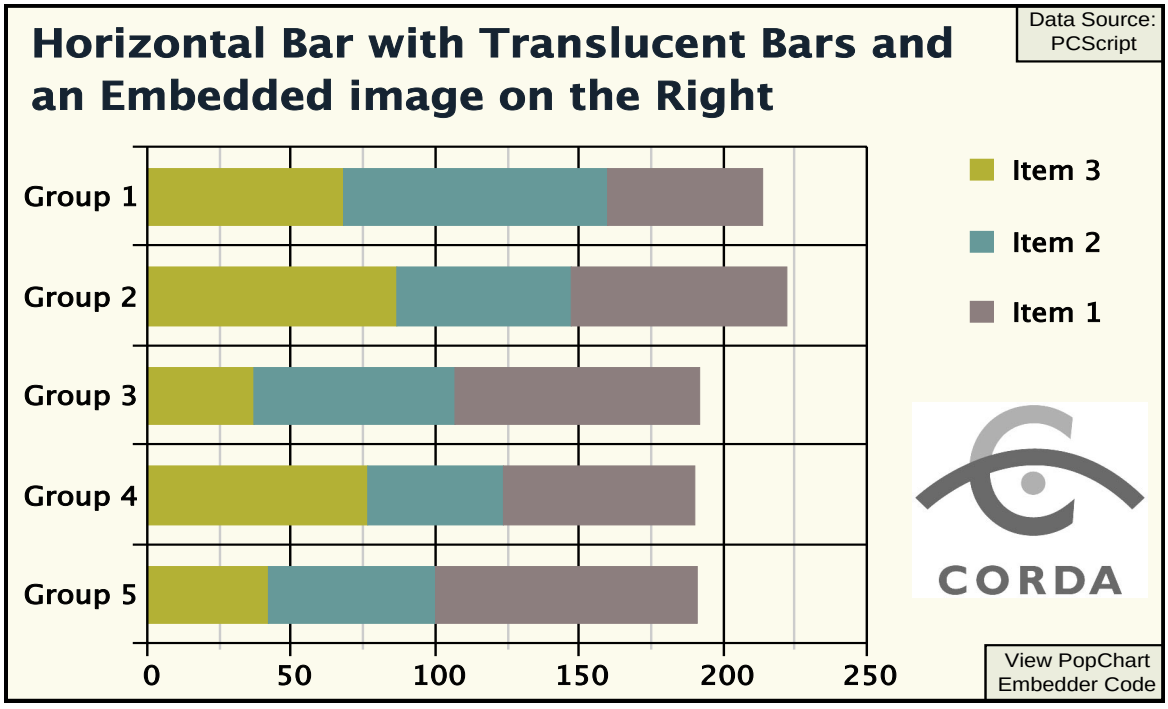
EMBEDDED IMAGES

This chapter contains example graphs with imported graphics.

- Dynamically Loaded Embedded Image

DYNAMICALLY LOADED EMBEDDED IMAGE

Features: A Horizontal Stacked Bar, Translucent Colors, Dynamic Loading of Embedded Image



INFORMATION

The following files contain information relative to this PopChart:

Appearance File	with-image.pcxml

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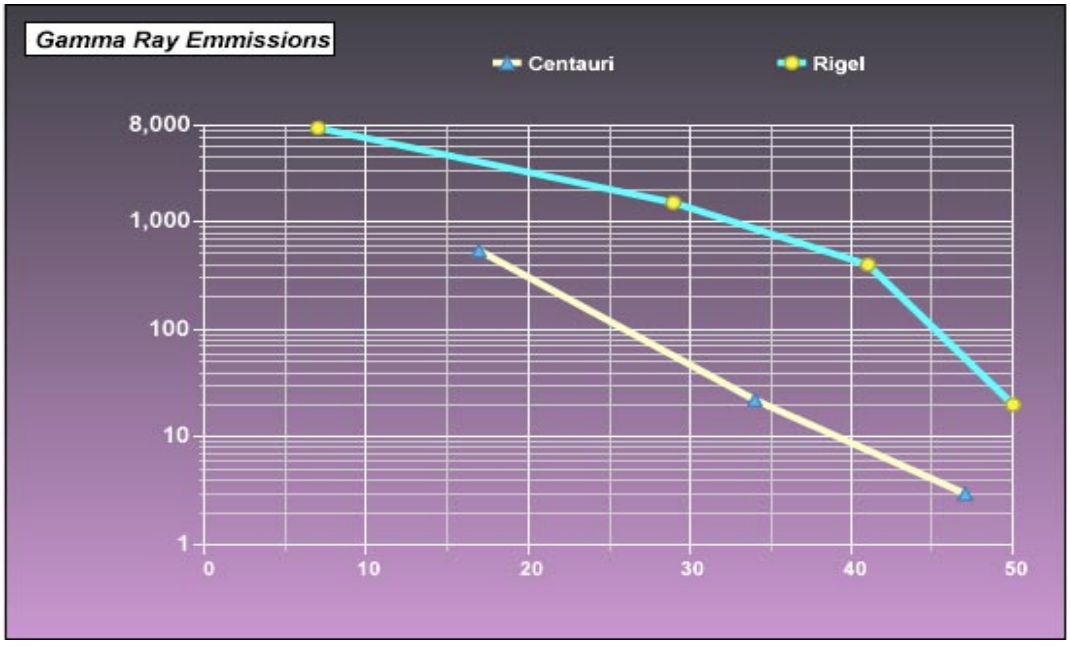
Scale and Grid Features

This chapter showcases some of PopChart Server's scale and gridline features.

- Logarithmic Scales

LOGARITHMIC SCALES

Features: An XY Line Graph on a logarithmic Y scale



Centauri			Rigel	
17	540		7	7500
34	22		29	1500
47	3		41	400
			50	20

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`xylinelog.pcxml`	**PCXML File**	`p_xy1log.xml` (C-19)
PCScript	`c_xy1log.txt` (B-5)	**XML Data File**	`Not Available`
CSV File	`xy1log.csv`	**Tab-Delimited**	`xy1log.dat`

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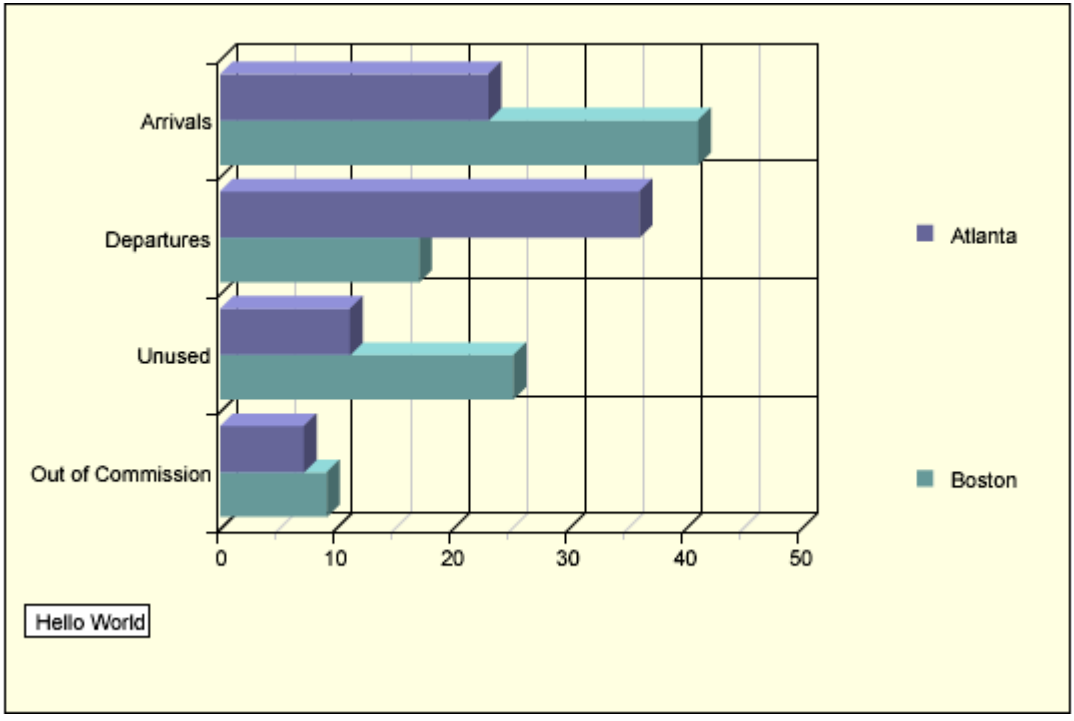
PopUp Text, Notes, and Drill-Down

This chapter contains the following example bar graphs:

- Popup Text
- PopChart Notes
- Drilldown

POPUP TEXT

Features: A Simple Horizontal Bar Graph, 3D, Popup Text (PopUp will appear only in the HTML versions of the *PopChart Examples* book)



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

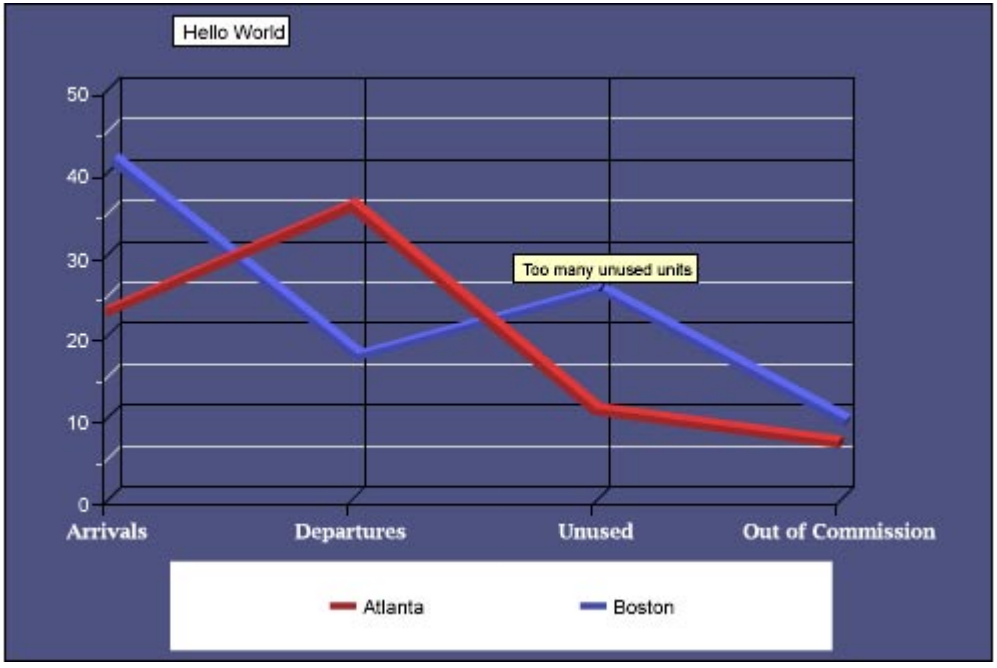
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`hbar.pcxml`	**PCXML File**	`popup_p.xml` (C-20)
PCScript	`popupcmd.txt` (B-6)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.dat`

POPCHART NOTES

Features: A Line Graph, 3D, Dynamic Notes



	Arrivals	Departures	Unused	Out of Commission
Atlanta	23	36	11	7
Boston	41	17	25	9

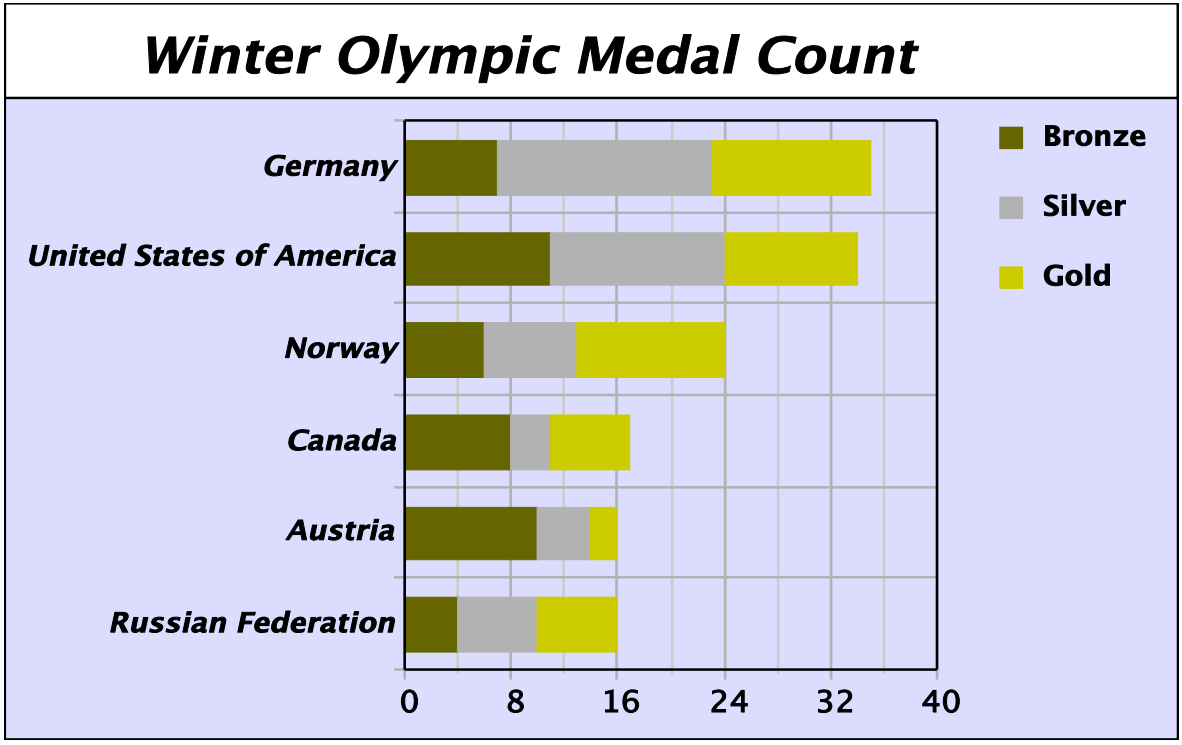
INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`line.pcxml`	**PCXML File**	`data1_p.xml` (C-2)
PCScript	`command1.txt` (B-2)	**XML Data File**	`data1.xml` (A-2)
CSV File	`data1.csv`	**Tab-Delimited**	`data1.dat`

DRILLDOWN

Features: A Horizontal Stacked Bar Graph with drill down



	Gold	Silver	Bronze	Total
Germany	12	16	7	35
United States	10	13	11	34
Norway	11	7	6	24
Canada	6	3	8	17
Austria	2	4	10	16

	Gold	Silver	Bronze	Total
Russian Federation	6	6	4	16

INFORMATION

The following files contain information relative to this PopChart:

Appearance File	`olympics.pcxml`	**PCXML File**	`p_medals.xml` (C-3)
PCScript	`c_medals.txt` (B-2)	**XML Data File**	`medals.xml` (A-3)
CSV File	`medals.csv`	**Tab-Delimited**	`medals.dat`

A

EXAMPLE XML DATA FILES

This appendix contains the XML Data files that are used in the *PopChart Examples* book. These files are located in the examples/data directory.

For information about the format of PopChart XML Data, refer to "XML Data Files" on page 6-17 of the *PopChart Server User Guide*.

A EXAMPLE XML DATA FILES

data1.xml

data1.xml

```
<CarStatus>
   <CityInventory>
      <City>Atlanta</City>
      <Arrivals>23</Arrivals>
      <Departures>36</Departures>
      <Unused>11</Unused>
      <Out_of_Commission>7</Out_of_Commission>
   </CityInventory>
   <CityInventory>
      <City>Boston</City>
      <Arrivals>41</Arrivals>
      <Departures>17</Departures>
      <Unused>25</Unused>
      <Out_of_Commission>9</Out_of_Commission>
   </CityInventory>
</CarStatus>
```

medals.xml

```
<Medals>
   <Country>
      <Country>Germany</Country>
      <Gold>12</Gold>
      <Silver>16</Silver>
      <Bronze>7</Bronze>
      <Total>35</Total>
   </Country>
   <Country>
      <Country>United States of America</Country>
      <Gold>10</Gold>
      <Silver>13</Silver>
      <Bronze>11</Bronze>
      <Total>34</Total>
   </Country>
   <Country>
      <Country>Norway</Country>
      <Gold>11</Gold>
      <Silver>7</Silver>
      <Bronze>6</Bronze>
      <Total>24</Total>
   </Country>
   <Country>
      <Country>Canada</Country>
      <Gold>6</Gold>
      <Silver>3</Silver>
      <Bronze>8</Bronze>
      <Total>17</Total>
   </Country>
   <Country>
      <Country>Austria</Country>
      <Gold>2</Gold>
      <Silver>4</Silver>
      <Bronze>10</Bronze>
      <Total>16</Total>
   </Country>
   <Country>
      <Country>Russian Federation</Country>
      <Gold>6</Gold>
      <Silver>6</Silver>
      <Bronze>4</Bronze>
      <Total>16</Total>
```

A EXAMPLE XML DATA FILES

medals.xml

```
   </Country>
</Medals>
```

bball.xml

```
<Stats>
   <Player>
      <Name>Shareef Abdur_Rahim</Name>
      <Games>52</Games>
      <Minutes_per_game>38.4</Minutes_per_game>
      <Field_goal_percentage>.451</Field_goal_percentage>
      <Free_thPlayer_percentage>.816</Free_thPlayer_percentage>
      <Three_pointer_percentage>.250</Three_pointer_percentage>
      <Offensive_rebounds_per_game>2.7</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>9.4</Total_rebounds_per_game>
      <Assists_per_game>2.8</Assists_per_game>
      <Steals_per_game>1.2</Steals_per_game>
      <Blocks_per_game>1.2</Blocks_per_game>
      <Turnovers_per_game>3.1</Turnovers_per_game>
      <Personal_fouls_per_game>2.7</Personal_fouls_per_game>
      <Total_points_per_game>21.2</Total_points_per_game>
   </Player>
   <Player>
      <Name>Jason Terry</Name>
      <Games>53</Games>
      <Minutes_per_game>37.9</Minutes_per_game>
      <Field_goal_percentage>.437</Field_goal_percentage>
      <Free_thPlayer_percentage>.846</Free_thPlayer_percentage>
      <Three_pointer_percentage>.376</Three_pointer_percentage>
      <Offensive_rebounds_per_game>0.5</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>3.6</Total_rebounds_per_game>
      <Assists_per_game>5.0</Assists_per_game>
      <Steals_per_game>1.8</Steals_per_game>
      <Blocks_per_game>0.1</Blocks_per_game>
      <Turnovers_per_game>2.2</Turnovers_per_game>
      <Personal_fouls_per_game>1.9</Personal_fouls_per_game>
      <Total_points_per_game>19.1</Total_points_per_game>
   </Player>
   <Player>
      <Name>Nazr Mohammed</Name>
      <Games>56</Games>
      <Minutes_per_game>27.1</Minutes_per_game>
      <Field_goal_percentage>.474</Field_goal_percentage>
      <Free_thPlayer_percentage>.633</Free_thPlayer_percentage>
      <Three_pointer_percentage>.000</Three_pointer_percentage>
      <Offensive_rebounds_per_game>3.1</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>8.3</Total_rebounds_per_game>
```

A EXAMPLE XML DATA FILES

bball.xml

```
   <Assists_per_game>0.5</Assists_per_game>
   <Steals_per_game>0.8</Steals_per_game>
   <Blocks_per_game>0.9</Blocks_per_game>
   <Turnovers_per_game>1.6</Turnovers_per_game>
   <Personal_fouls_per_game>3.1</Personal_fouls_per_game>
   <Total_points_per_game>10.1</Total_points_per_game>
</Player>
<Player>
   <Name>Dion Glover</Name>
   <Games>54</Games>
   <Minutes_per_game>21.3</Minutes_per_game>
   <Field_goal_percentage>.423</Field_goal_percentage>
   <Free_thPlayer_percentage>.757</Free_thPlayer_percentage>
   <Three_pointer_percentage>.330</Three_pointer_percentage>
   <Offensive_rebounds_per_game>0.7</Offensive_rebounds_per_game>
   <Total_rebounds_per_game>3.1</Total_rebounds_per_game>
   <Assists_per_game>1.6</Assists_per_game>
   <Steals_per_game>0.8</Steals_per_game>
   <Blocks_per_game>0.3</Blocks_per_game>
   <Turnovers_per_game>1.4</Turnovers_per_game>
   <Personal_fouls_per_game>1.6</Personal_fouls_per_game>
   <Total_points_per_game>9.1</Total_points_per_game>
</Player>
<Player>
   <Name>Jacque Vaughn</Name>
   <Games>56</Games>
   <Minutes_per_game>23.8</Minutes_per_game>
   <Field_goal_percentage>.449</Field_goal_percentage>
   <Free_thPlayer_percentage>.826</Free_thPlayer_percentage>
   <Three_pointer_percentage>.406</Three_pointer_percentage>
   <Offensive_rebounds_per_game>0.1</Offensive_rebounds_per_game>
   <Total_rebounds_per_game>2.1</Total_rebounds_per_game>
   <Assists_per_game>4.6</Assists_per_game>
   <Steals_per_game>0.9</Steals_per_game>
   <Blocks_per_game>0.0</Blocks_per_game>
   <Turnovers_per_game>1.4</Turnovers_per_game>
   <Personal_fouls_per_game>2.5</Personal_fouls_per_game>
   <Total_points_per_game>6.2</Total_points_per_game>
</Player>
<Player>
   <Name>DerMarr Johnson</Name>
   <Games>46</Games>
   <Minutes_per_game>21.3</Minutes_per_game>
   <Field_goal_percentage>.403</Field_goal_percentage>
   <Free_thPlayer_percentage>.817</Free_thPlayer_percentage>
   <Three_pointer_percentage>.370</Three_pointer_percentage>
```

```
   <Offensive_rebounds_per_game>0.8</Offensive_rebounds_per_game>
   <Total_rebounds_per_game>2.9</Total_rebounds_per_game>
   <Assists_per_game>1.1</Assists_per_game>
   <Steals_per_game>0.9</Steals_per_game>
   <Blocks_per_game>0.6</Blocks_per_game>
   <Turnovers_per_game>1.1</Turnovers_per_game>
   <Personal_fouls_per_game>2.3</Personal_fouls_per_game>
   <Total_points_per_game>7.4</Total_points_per_game>
</Player>
<Player>
   <Name>Toni Kukoc</Name>
   <Games>33</Games>
   <Minutes_per_game>26.3</Minutes_per_game>
   <Field_goal_percentage>.428</Field_goal_percentage>
   <Free_thPlayer_percentage>.676</Free_thPlayer_percentage>
   <Three_pointer_percentage>.300</Three_pointer_percentage>
   <Offensive_rebounds_per_game>0.8</Offensive_rebounds_per_game>
   <Total_rebounds_per_game>3.7</Total_rebounds_per_game>
   <Assists_per_game>3.5</Assists_per_game>
   <Steals_per_game>0.7</Steals_per_game>
   <Blocks_per_game>0.2</Blocks_per_game>
   <Turnovers_per_game>1.9</Turnovers_per_game>
   <Personal_fouls_per_game>1.7</Personal_fouls_per_game>
   <Total_points_per_game>10.2</Total_points_per_game>
</Player>
<Player>
   <Name>Hanno Mottola</Name>
   <Games>56</Games>
   <Minutes_per_game>17.9</Minutes_per_game>
   <Field_goal_percentage>.428</Field_goal_percentage>
   <Free_thPlayer_percentage>.750</Free_thPlayer_percentage>
   <Three_pointer_percentage>.083</Three_pointer_percentage>
   <Offensive_rebounds_per_game>1.1</Offensive_rebounds_per_game>
   <Total_rebounds_per_game>3.4</Total_rebounds_per_game>
   <Assists_per_game>0.7</Assists_per_game>
   <Steals_per_game>0.3</Steals_per_game>
   <Blocks_per_game>0.3</Blocks_per_game>
   <Turnovers_per_game>0.9</Turnovers_per_game>
   <Personal_fouls_per_game>2.4</Personal_fouls_per_game>
   <Total_points_per_game>5.2</Total_points_per_game>
</Player>
<Player>
   <Name>Mark Strickland</Name>
   <Games>34</Games>
   <Minutes_per_game>16.4</Minutes_per_game>
   <Field_goal_percentage>.436</Field_goal_percentage>
```

A

EXAMPLE XML DATA FILES

bball.xml

```
      <Free_thPlayer_percentage>.658</Free_thPlayer_percentage>
      <Three_pointer_percentage>.000</Three_pointer_percentage>
      <Offensive_rebounds_per_game>1.0</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>3.3</Total_rebounds_per_game>
      <Assists_per_game>0.6</Assists_per_game>
      <Steals_per_game>0.4</Steals_per_game>
      <Blocks_per_game>0.4</Blocks_per_game>
      <Turnovers_per_game>0.6</Turnovers_per_game>
      <Personal_fouls_per_game>1.2</Personal_fouls_per_game>
      <Total_points_per_game>5.1</Total_points_per_game>
   </Player>
   <Player>
      <Name>Cal Bowdler</Name>
      <Games>39</Games>
      <Minutes_per_game>12.7</Minutes_per_game>
      <Field_goal_percentage>.354</Field_goal_percentage>
      <Free_thPlayer_percentage>.806</Free_thPlayer_percentage>
      <Three_pointer_percentage>.200</Three_pointer_percentage>
      <Offensive_rebounds_per_game>0.7</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>2.2</Total_rebounds_per_game>
      <Assists_per_game>0.2</Assists_per_game>
      <Steals_per_game>0.4</Steals_per_game>
      <Blocks_per_game>0.3</Blocks_per_game>
      <Turnovers_per_game>0.2</Turnovers_per_game>
      <Personal_fouls_per_game>1.4</Personal_fouls_per_game>
      <Total_points_per_game>3.4</Total_points_per_game>
   </Player>
   <Player>
      <Name>Ira Newble</Name>
      <Games>16</Games>
      <Minutes_per_game>26.0</Minutes_per_game>
      <Field_goal_percentage>.478</Field_goal_percentage>
      <Free_thPlayer_percentage>.783</Free_thPlayer_percentage>
      <Three_pointer_percentage>.333</Three_pointer_percentage>
      <Offensive_rebounds_per_game>1.7</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>5.1</Total_rebounds_per_game>
      <Assists_per_game>0.7</Assists_per_game>
      <Steals_per_game>0.9</Steals_per_game>
      <Blocks_per_game>0.4</Blocks_per_game>
      <Turnovers_per_game>1.1</Turnovers_per_game>
      <Personal_fouls_per_game>2.4</Personal_fouls_per_game>
      <Total_points_per_game>6.6</Total_points_per_game>
   </Player>
   <Player>
      <Name>Alan Henderson</Name>
      <Games>6</Games>
```

```
      <Minutes_per_game>14.5</Minutes_per_game>
      <Field_goal_percentage>.429</Field_goal_percentage>
      <Free_thPlayer_percentage>.467</Free_thPlayer_percentage>
      <Three_pointer_percentage>_</Three_pointer_percentage>
      <Offensive_rebounds_per_game>0.5</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>2.2</Total_rebounds_per_game>
      <Assists_per_game>0.2</Assists_per_game>
      <Steals_per_game>0.3</Steals_per_game>
      <Blocks_per_game>0.2</Blocks_per_game>
      <Turnovers_per_game>0.7</Turnovers_per_game>
      <Personal_fouls_per_game>1.7</Personal_fouls_per_game>
      <Total_points_per_game>4.2</Total_points_per_game>
   </Player>
   <Player>
      <Name>TOTALS</Name>
      <Games>56</Games>
      <Minutes_per_game>240.9</Minutes_per_game>
      <Field_goal_percentage>.434</Field_goal_percentage>
      <Free_thPlayer_percentage>.770</Free_thPlayer_percentage>
      <Three_pointer_percentage>.345</Three_pointer_percentage>
      <Offensive_rebounds_per_game>11.5</Offensive_rebounds_per_game>
      <Total_rebounds_per_game>41.3</Total_rebounds_per_game>
      <Assists_per_game>19.6</Assists_per_game>
      <Steals_per_game>8.2</Steals_per_game>
      <Blocks_per_game>4.3</Blocks_per_game>
      <Turnovers_per_game>14.4</Turnovers_per_game>
      <Personal_fouls_per_game>21.2</Personal_fouls_per_game>
      <Total_points_per_game>93.2</Total_points_per_game>
   </Player>
</Stats>
```

data2.xml

```
<CarStatus>
   <CityInventory>
      <City>Atlanta</City>
      <Arrivals>23</Arrivals>
      <Departures>36</Departures>
      <Unused>11</Unused>
      <Out_of_Commission>7</Out_of_Commission>
      <For_Sale>2</For_Sale>
   </CityInventory>
   <CityInventory>
      <City>Boston</City>
      <Arrivals>41</Arrivals>
      <Departures>17</Departures>
      <Unused>25</Unused>
      <Out_of_Commission>9</Out_of_Commission>
      <For_Sale>11</For_Sale>
   </CityInventory>
</CarStatus>
```

impact.xml

```
<ImpactArea>
   <Result>
      <Series_1>12</Series_1>
      <Series_1>54</Series_1>
      <Series_1>5</Series_1>
      <Series_2>5</Series_2>
      <Series_2>6</Series_2>
      <Series_2>4</Series_2>
   </Result>
   <Result>
      <Series_1>45</Series_1>
      <Series_1>90</Series_1>
      <Series_1>10</Series_1>
      <Series_2>25</Series_2>
      <Series_2>60</Series_2>
      <Series_2>6</Series_2>
   </Result>
   <Result>
      <Series_1>30</Series_1>
      <Series_1>42</Series_1>
      <Series_1>3</Series_1>
      <Series_2>50</Series_2>
      <Series_2>87</Series_2>
      <Series_2>8</Series_2>
   </Result>
</ImpactArea>
```

stars.xml

```
<StarTracker>
   <Set>
      <Solar_Bursts>12</Solar_Bursts>
      <Solar_Bursts>54</Solar_Bursts>
      <Solar_Bursts>5</Solar_Bursts>
      <Gamma_Emissions>5</Gamma_Emissions>
      <Gamma_Emissions>500</Gamma_Emissions>
      <Gamma_Emissions>4</Gamma_Emissions>
   </Set>
   <Set>
      <Solar_Bursts>30</Solar_Bursts>
      <Solar_Bursts>24</Solar_Bursts>
      <Solar_Bursts>3</Solar_Bursts>
      <Gamma_Emissions>25</Gamma_Emissions>
      <Gamma_Emissions>615</Gamma_Emissions>
      <Gamma_Emissions>6</Gamma_Emissions>
   </Set>
   <Set>
      <Solar_Bursts>45</Solar_Bursts>
      <Solar_Bursts>42</Solar_Bursts>
      <Solar_Bursts>8</Solar_Bursts>
      <Gamma_Emissions>50</Gamma_Emissions>
      <Gamma_Emissions>870</Gamma_Emissions>
      <Gamma_Emissions>8</Gamma_Emissions>
   </Set>
</Stats>
```

xy1.xml

```
<CompoundResults>
   <Compound>
      <Solution_A>17</Solution_A>
      <Solution_A>54</Solution_A>
      <Solution_A></Solution_A>
      <Solution_B>7</Solution_B>
      <Solution_B>75</Solution_B>
      <Solution_B></Solution_B>
   </Compound>
   <Compound>
      <Solution_A>34</Solution_A>
      <Solution_A>22</Solution_A>
      <Solution_A></Solution_A>
      <Solution_B>29</Solution_B>
      <Solution_B>15</Solution_B>
      <Solution_B></Solution_B>
   </Compound>
   <Compound>
      <Solution_A>47</Solution_A>
      <Solution_A>18</Solution_A>
      <Solution_A></Solution_A>
      <Solution_B>41</Solution_B>
      <Solution_B>4</Solution_B>
      <Solution_B></Solution_B>
   </Compound>
   <Compound>
      <Solution_A></Solution_A>
      <Solution_A></Solution_A>
      <Solution_A></Solution_A>
      <Solution_B>50</Solution_B>
      <Solution_B>2</Solution_B>
      <Solution_B></Solution_B>
   </Compound>
</CompoundResults>
```

xy1log.xml

```
<CompoundResults>
   <Compound>
      <Centauri>17</Centauri>
      <Centauri>540</Centauri>
      <Centauri></Centauri>
      <Rigel>7</Rigel>
      <Rigel>7500</Rigel>
      <Rigel></Rigel>
    </Compound>
    <Compound>
      <Centauri>34</Centauri>
      <Centauri>22</Centauri>
      <Centauri></Centauri>
      <Rigel>29</Rigel>
      <Rigel>1500</Rigel>
      <Rigel></Rigel>
    </Compound>
    <Compound>
      <Centauri>47</Centauri>
      <Centauri>3</Centauri>
      <Centauri></Centauri>
      <Rigel>41</Rigel>
      <Rigel>400</Rigel>
      <Rigel></Rigel>
   </Compound>
   <Compound>
      <Centauri></Centauri>
      <Centauri></Centauri>
      <Centauri></Centauri>
      <Rigel>50</Rigel>
      <Rigel>20</Rigel>
      <Rigel></Rigel>
   </Compound>
</CompoundResults>
```

B

EXAMPLE PCSCRIPT COMMAND STRINGS

This appendix contains the PCScript command files that are used in the *PopChart Examples*. These files are located in the examples/command directory.

Note: *In the HTML version of the PopChart Examples, each PCScript command string starts with* `@_PCSCRIPT`. *This is not actually part of the PCScript command string, rather it instructs* PopChart Server *to interpret everything that follows as PCScript. To be technically accurate, there is no such thing as a PCScript command file. These are server command files (see* "Server Command Files" *on page 6-13 of the* PopChart Server User Guide*) that contain only PCScript.*

For information about PCScript, refer to Chapter 5, "PCScript," in the *PopChart Server Reference* manual.

command1.txt

```
title.setText(Hello World)
graph.SetCategories(Arrivals; Departures; Unused; Out of Commission)
graph.SetSeries(Atlanta; 23; 36; 11; 7)
graph.SetSeries(Boston; 41; 17; 25; 9)
```

c_medals.txt

```
title.setText(Medal Count)
graph.SetCategories(Gold; Silver; Bronze; Total)
graph.SetSeries(Germany; 12; 16; 7; 35)
graph.SetSeries(United States of America; 10; 13; 11; 34)
graph.SetSeries(Norway; 11; 7; 6; 24)
graph.SetSeries(Canada; 6; 3; 8; 17)
graph.SetSeries(Austria; 2; 4; 10; 16)
graph.SetSeries(Russian Federation; 6; 6; 4; 16)
graph.enablecolumn(false,5)
graph.ddenable(1-99,1-99,images/%_CATEGORY_NUMBER.html)
```

c_bball.txt

```
title.setText(Team Statistics)
graph.SetCategories(Games; Minutes per game; Field goal percentage; Free throw
      percentage; 3-pointer percentage; Offensive rebounds per game; Total
      rebounds per game; Assists per game; Steals per game; Blocks per game;
      Turnovers per game; Personal fouls per game; Total points per game)
graph.SetSeries(Shareef Abdur-Rahim; 52; 38.4; .451; .816; .250; 2.7; 9.4; 2.8;
      1.2; 1.2; 3.1; 2.7; 21.2)
graph.SetSeries(Jason Terry; 53; 37.9; .437; .846; .376; 0.5; 3.6; 5.0; 1.8; 0.1;
      2.2; 1.9; 19.1)
graph.SetSeries(Nazr Mohammed; 56; 27.1; .474; .633; .000; 3.1; 8.3; 0.5; 0.8;
      0.9; 1.6; 3.1; 10.1)
graph.SetSeries(Dion Glover; 54; 21.3; .423; .757; .330; 0.7; 3.1; 1.6; 0.8; 0.3;
      1.4; 1.6; 9.1)
```

```
graph.SetSeries(Jacque Vaughn; 56; 23.8; .449; .826; .406; 0.1; 2.1; 4.6; 0.9;
      0.0; 1.4; 2.5; 6.2)
graph.SetSeries(DerMarr Johnson; 46; 21.3; .403; .817; .370; 0.8; 2.9; 1.1; 0.9;
      0.6; 1.1; 2.3; 7.4)
graph.SetSeries(Toni Kukoc; 33; 26.3; .428; .676; .300; 0.8; 3.7; 3.5; 0.7; 0.2;
      1.9; 1.7; 10.2)
graph.SetSeries(Hanno Mottola; 56; 17.9; .428; .750; .083; 1.1; 3.4; 0.7; 0.3;
      0.3; 0.9; 2.4; 5.2)
graph.SetSeries(Mark Strickland; 34; 16.4; .436; .658; .000; 1.0; 3.3; 0.6; 0.4;
      0.4; 0.6; 1.2; 5.1)
graph.SetSeries(Cal Bowdler; 39; 12.7; .354; .806; .200; 0.7; 2.2; 0.2; 0.4; 0.3;
      0.2; 1.4; 3.4)
graph.SetSeries(Ira Newble; 16; 26.0; .478; .783; .333; 1.7; 5.1; 0.7; 0.9; 0.4;
      1.1; 2.4; 6.6)
graph.SetSeries(Alan Henderson; 6; 14.5; .429; .467; -; 0.5; 2.2; 0.2; 0.3; 0.2;
      0.7; 1.7; 4.2)
graph.SetSeries(TOTALS; 56; 240.9; .434; .770; .345; 11.5; 41.3; 19.6; 8.2; 4.3;
      14.4; 21.2; 93.2)
```

c_stock1.txt

```
title.setText(Stock Prices for XYZ Corp.)
graph.SetSeries(XYZ;1997,76.000,39.625,71.313,50;1998,51.625,38.125,50,40.563;
                          1999,61.387,39.346,40.563,53.094;
                          2000,66.75,37.938,53.094,43.938;
                          2001,57.75,40.5,43.938,55.9)
```

c_stock2.txt

```
title.setText(Shanghai Index)
graph.SetCategories(6/10)
graph.SetCategories(6/11)
graph.SetCategories(6/12)
graph.SetCategories(6/13)
graph.SetSeries(363.70; 175.71)
graph.SetSeries(175.71; 138.67)
```

```
graph.SetSeries(138.67; 44.86)
graph.SetSeries(44.86; 98.45)
```

c_survey.txt

```
title.setText(Random Survey)
graph.SetSeries(Name Recognition; 6/21/2001,54,20; 8/12/2001,90,30;
                    10/16/2001,75,40)
graph.SetSeries(Considering Buying; 7/1/2001,37,52; 9/10/2001,23,11;
                           12/12/2001,86,17)
```

c_traffi.txt

```
title.setText(Traffic Congestion)graph.DateInputFormat(%H:%M)
graph.SetSeries(Main St; 9:00,54; 11:05,34; 12:30,55)
graph.SetSeries(Center St; 8:25,73; 10:15,48; 12:00,51)
```

c_impact.txt

```
title.setText(Impact Area)
graph.SetSeries(Series 1; 12,54,5; 45,90,10; 30,42,3)
graph.SetSeries(Series 2; 5,6,4; 25,60,6; 50,87,8)
```

c_stars.txt

```
title.setText(Star Tracker)
```

```
graph.SetSeries(Solar Bursts; 12,54,5; 30,24,3; 45,42,8)
graph.SetSeries(Gamma Emissions; 5,500,4; 25,615,6; 50,870,8)
```

c_xy1.txt

```
title.setText(Compound Results)
graph.SetSeries(Solution A; 17,54; 34,22; 47,18)
graph.SetSeries(Solution B; 7,75; 29,15; 41,4; 50,2)
```

c_xy1log.txt

```
title.setText(Gamma Ray Emmissions)
graph.SetSeries(Centauri; 17,540; 34,22; 47,3)
graph.SetSeries(Rigel; 7,7500; 29,1500; 41,400; 50,20)
```

c_note.txt

```
title.setText(Note Example)
graph.SetCategories(Arrivals; Departures; Unused; Out of Commission)
graph.SetSeries(Atlanta; 23; 36; 11; 7)
graph.SetSeries(Boston; 41; 17; 25; 9)
graph.addNote(3,2,Too many unused units)
```

command2.txt

```
title.setText(Hello World)
graph.SetCategories(Arrivals; Departures; Unused; Out of Commission; For Sale)
```

```
graph.SetSeries(Atlanta; 23; 36; 11; 7; 2)
graph.SetSeries(Boston; 41; 17; 25; 9; 11)
```

popupcmd.txt

```
title.setText(Hello World)
graph.SetCategories(Arrivals; Departures; Unused; Out of Commission)
graph.SetSeries(Atlanta; 23; 36; 11; 7)
graph.SetSeries(Boston; 41; 17; 25; 9)
graph.addPopup(Arrivals,Atlanta,23 Tickets - I love Atlanta!;Arrivals,Boston,41
                    Tickets - Boston is so Historical.)
graph.addPopup(Departures,Atlanta,36 Tickets - I love
                    Atlanta!;Departures,Boston,17 Tickets - Boston is so
                    Historical.)
graph.addPopup(Unused,Atlanta,11 Tickets - I love Atlanta!;Unused,Boston,25
                    Tickets - Boston is so Historical.)
graph.addPopup(Out of Commission,Atlanta,7 Tickets - I love Atlanta!;Out of
                         Commission,Boston,9 Tickets - Boston is so
                         Historical.)
```

c_gauge.txt

```
Gauge.SetGaugeValue(80,Server Load,0,100)
Gauge.SetGaugeRange(Normal,00b200,0,50;Warning,b2b200,50,75;Critical,b20000,75,
                         100)
```

C

EXAMPLE POPCHART XML DATA

This appendix contains the PopChart XML files that are used in the *PopChart Examples*. These files are located in the examples/pcxml directory.

For information about PopChart XML, refer to Chapter 10, "Using PopChart XML," in the *PopChart Server User Guide*.

C

EXAMPLE POPCHART XML DATA

data1_p.xml

data1_p.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Hello World</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='Arrivals'/>
         <Category Name='Departures'/>
         <Category Name='Unused'/>
         <Category Name='Out of Commission'/>
      </Categories>
      <Series Name='Atlanta'>
         <Data Value='23.0'/>
         <Data Value='36.0'/>
         <Data Value='11.0'/>
         <Data Value='7.0'/>
      </Series>
      <Series Name='Boston'>
         <Data Value='41.0'/>
         <Data Value='17.0'/>
         <Data Value='25.0'/>
         <Data Value='9.0'/>
      </Series>
   </GraphData>
</Chart>
```

p_medals.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Medal Count</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='Gold'/>
         <Category Name='Silver'/>
         <Category Name='Bronze'/>
         <Category Name='Total'/>
      </Categories>
      <Series Name='Germany'>
         <Data Value='12'/>
         <Data Value='16'/>
         <Data Value='7'/>
         <Data Value='35'/>
      </Series>
      <Series Name='United States of America'>
         <Data Value='10'/>
         <Data Value='13'/>
         <Data Value='11'/>
         <Data Value='34'/>
      </Series>
      <Series Name='Norway'>
         <Data Value='11'/>
         <Data Value='7'/>
         <Data Value='6'/>
         <Data Value='24'/>
      </Series>
      <Series Name='Canada'>
         <Data Value='6'/>
         <Data Value='3'/>
         <Data Value='8'/>
         <Data Value='17'/>
      </Series>
      <Series Name='Austria'>
         <Data Value='2'/>
         <Data Value='4'/>
         <Data Value='10'/>
         <Data Value='16'/>
```

C

EXAMPLE POPCHART XML DATA

p_medals.xml

```
      </Series>
      <Series Name='Russian Federation'>
         <Data Value='6'/>
         <Data Value='6'/>
         <Data Value='4'/>
         <Data Value='16'/>
      </Series>
   </GraphData>
</Chart>
```

p_bball.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Team Statistics</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='Games'/>
         <Category Name='Minutes per Game'/>
         <Category Name='Field goal percentage'/>
         <Category Name='Free throw percentage'/>
         <Category Name='3-pointer percentage'/>
         <Category Name='Offensive rebounds per game'/>
         <Category Name='Total rebounds per game'/>
         <Category Name='Assists per game'/>
         <Category Name='Steals per game'/>
         <Category Name='Blocks per game'/>
         <Category Name='Turnovers per game'/>
         <Category Name='Personal fouls per game'/>
         <Category Name='Total points per game'/>
      </Categories>
      <Series Name='Shareef Abdur-Rahim'>
         <Data Value='52'/>
         <Data Value='38.4'/>
         <Data Value='.451'/>
         <Data Value='.816'/>
         <Data Value='.250'/>
         <Data Value='2.7'/>
         <Data Value='9.4'/>
         <Data Value='2.8'/>
         <Data Value='1.2'/>
         <Data Value='1.2'/>
         <Data Value='3.1'/>
         <Data Value='2.7'/>
         <Data Value='21.2'/>
      </Series>
      <Series Name='Jason Terry'>
         <Data Value='53'/>
         <Data Value='37.9'/>
         <Data Value='.437'/>
         <Data Value='.846'/>
```

C

EXAMPLE POPCHART XML DATA

p_bball.xml

```
      <Data Value='.376'/>
      <Data Value='0.5'/>
      <Data Value='3.6'/>
      <Data Value='5.0'/>
      <Data Value='1.8'/>
      <Data Value='0.1'/>
      <Data Value='2.2'/>
      <Data Value='1.9'/>
      <Data Value='19.1'/>
   </Series>
      <Series Name='Nazr Mohammed'>
      <Data Value='56'/>
      <Data Value='27.1'/>
      <Data Value='.474'/>
      <Data Value='.633'/>
      <Data Value='.000'/>
      <Data Value='3.1'/>
      <Data Value='8.3'/>
      <Data Value='0.5'/>
      <Data Value='0.8'/>
      <Data Value='0.9'/>
      <Data Value='1.6'/>
      <Data Value='3.1'/>
      <Data Value='10.1'/>
   </Series>
      <Series Name='Dion Glover'>
      <Data Value='54'/>
      <Data Value='21.3'/>
      <Data Value='.423'/>
      <Data Value='.757'/>
      <Data Value='.330'/>
      <Data Value='0.7'/>
      <Data Value='3.1'/>
      <Data Value='1.6'/>
      <Data Value='0.8'/>
      <Data Value='0.3'/>
      <Data Value='1.4'/>
      <Data Value='1.6'/>
      <Data Value='9.1'/>
   </Series>
   <Series Name='Jacque Vaughn'>
      <Data Value='564'/>
      <Data Value='23.8'/>
      <Data Value='.449'/>
      <Data Value='.826'/>
      <Data Value='.406'/>
```

```
      <Data Value='0.1'/>
      <Data Value='2.1'/>
      <Data Value='4.6'/>
      <Data Value='0.9'/>
      <Data Value='0.0'/>
      <Data Value='1.4'/>
      <Data Value='2.5'/>
      <Data Value='6.2'/>
   </Series>
   <Series Name='DerMarr Johnson'>
      <Data Value='46'/>
      <Data Value='21.3'/>
      <Data Value='.403'/>
      <Data Value='.817'/>
      <Data Value='.370'/>
      <Data Value='0.8'/>
      <Data Value='2.9'/>
      <Data Value='1.1'/>
      <Data Value='0.9'/>
      <Data Value='0.6'/>
      <Data Value='1.1'/>
      <Data Value='2.3'/>
      <Data Value='7.4'/>
   </Series>
   <Series Name='Toni Kukoc'>
      <Data Value='33'/>
      <Data Value='26.3'/>
      <Data Value='.428'/>
      <Data Value='.676'/>
      <Data Value='.300'/>
      <Data Value='0.8'/>
      <Data Value='3.7'/>
      <Data Value='3.5'/>
      <Data Value='0.7'/>
      <Data Value='0.2'/>
      <Data Value='1.9'/>
      <Data Value='1.7'/>
      <Data Value='10.2'/>
   </Series>
   <Series Name='Hanno Mottola'>
      <Data Value='56'/>
      <Data Value='17.9'/>
      <Data Value='.428'/>
      <Data Value='.750'/>
      <Data Value='.083'/>
      <Data Value='1.1'/>
```

C

EXAMPLE POPCHART XML DATA

p_bball.xml

```
      <Data Value='3.4'/>
      <Data Value='0.7'/>
      <Data Value='0.3'/>
      <Data Value='0.3'/>
      <Data Value='0.9'/>
      <Data Value='2.4'/>
      <Data Value='5.2'/>
   </Series>
   <Series Name='Mark Strickland'>
      <Data Value='34'/>
      <Data Value='16.4'/>
      <Data Value='.436'/>
      <Data Value='.658'/>
      <Data Value='.000'/>
      <Data Value='1.0'/>
      <Data Value='3.3'/>
      <Data Value='0.6'/>
      <Data Value='0.4'/>
      <Data Value='0.4'/>
      <Data Value='0.6'/>
      <Data Value='1.2'/>
      <Data Value='5.1'/>
   </Series>
   <Series Name='Cal Bowdler'>
      <Data Value='39'/>
      <Data Value='12.7'/>
      <Data Value='.354'/>
      <Data Value='.806'/>
      <Data Value='.200'/>
      <Data Value='0.7'/>
      <Data Value='2.2'/>
      <Data Value='0.2'/>
      <Data Value='0.4'/>
      <Data Value='0.3'/>
      <Data Value='0.2'/>
      <Data Value='1.4'/>
      <Data Value='3.4'/>
   </Series>
   <Series Name='Ira Newble'>
      <Data Value='16'/>
      <Data Value='26.0'/>
      <Data Value='.478'/>
      <Data Value='.783'/>
      <Data Value='.333'/>
      <Data Value='1.7'/>
      <Data Value='5.1'/>
```

```
            <Data Value='0.7'/>
            <Data Value='0.9'/>
            <Data Value='0.4'/>
            <Data Value='1.1'/>
            <Data Value='2.4'/>
            <Data Value='6.6'/>
         </Series>
         <Series Name='Alan Henderson'>
            <Data Value='6'/>
            <Data Value='14.5'/>
            <Data Value='.429'/>
            <Data Value='.467'/>
            <Data Value='-'/>
            <Data Value='0.5'/>
            <Data Value='2.2'/>
            <Data Value='0.2'/>
            <Data Value='0.3'/>
            <Data Value='0.2'/>
            <Data Value='0.7'/>
            <Data Value='1.7'/>
            <Data Value='4.2'/>
         </Series>
         <Series Name='TOTALS'>
            <Data Value='56'/>
            <Data Value='240.9'/>
            <Data Value='.434'/>
            <Data Value='.770'/>
            <Data Value='.345'/>
            <Data Value='11.5'/>
            <Data Value='41.3'/>
            <Data Value='19.6'/>
            <Data Value='8.2'/>
            <Data Value='4.3'/>
            <Data Value='14.4'/>
            <Data Value='21.2'/>
            <Data Value='93.2'/>
         </Series>
      </GraphData>
</Chart>
```

C

EXAMPLE POPCHART XML DATA

p_stock1.xml

p_stock1.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Stock Prices for XYZ Corp.</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Series Name='XYZ'>
         <Data Name='1997' High='76.000' Low='39.625' Open='71.313' Close='50'/>
         <Data Name='1998' High='51.625' Low='38.125' Open='50' Close='40.563'/>
         <Data Name='1999' High='61.387' Low='39.346' Open='40.563'
                     Close='53.094'/>
         <Data Name='2000' High='66.75' Low='37.938' Open='53.094'
                     Close='43.938'/>
         <Data Name='2001' High='57.75' Low='40.5' Open='43.938' Close='55.9'/>
      </Series>
   </GraphData>
</Chart>
```

p_stock2.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Shanghai Index</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='6/10'/>
         <Category Name='6/11'/>
         <Category Name='6/12'/>
         <Category Name='6/13'/>
      </Categories>
      <Series Name='6/10'>
         <Data High="363.70" Low="175.71"/>
         <Data High="175.71" Low="138.67"/>
         <Data High="138.67" Low="44.86"/>
         <Data High="44.86" Low="98.45"/>
      </Series>
   </GraphData>
</Chart>
```

C EXAMPLE POPCHART XML DATA

p_survey.xml

p_survey.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Random Survey</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Series Name='Name Recognition'>
         <Data Date="6/21/2001" Value="54" Bubble="20"/>
         <Data Date="8/12/2001" Value="90" Bubble="30"/>
         <Data Date="10/16/2001" Value="75" Bubble="40"/>
      </Series>
      <Series Name='Considering Buying'>
         <Data Date="7/1/2001" Value="37" Bubble="52"/>
         <Data Date="9/10/2001" Value="23" Bubble="11"/>
         <Data Date="12/12/2001" Value="86" Bubble="17"/>
      </Series>
   </GraphData>
</Chart>
```

p_traffi.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Traffic Congestion</Text>
   </Textbox>
    <Graph name="graph">
    <DateInputFormat>%H:%M</DateInputFormat>
    </Graph>
   <GraphData Name='graph'>
      <Series Name='Main St.'>
         <Data Date="9:00" Value="54"/>
         <Data Date="11:05" Value="34"/>
         <Data Date="12:30" Value="55"/>
      </Series>
      <Series Name='Center St.'>
         <Data Date="8:25" Value="73"/>
         <Data Date="10:15" Value="48"/>
         <Data Date="12:00" Value="51"/>
      </Series>
   </GraphData>
</Chart>
```

C EXAMPLE POPCHART XML DATA

p_impact.xml

p_impact.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Impact Area</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Series Name='Series 1'>
         <Data X="12" Y="54" Bubble="5"/>
         <Data X="45" Y="90" Bubble="10"/>
         <Data X="30" Y="42" Bubble="3"/>
      </Series>
      <Series Name='Series 2'>
         <Data X="5" Y="6" Bubble="4"/>
         <Data X="25" Y="60" Bubble="6"/>
         <Data X="50" Y="87" Bubble="8"/>

      </Series>
   </GraphData>
</Chart>
```

p_stars.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Star Tracker</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Series Name='Solar Bursts'>
         <Data X="12" Y="54" Bubble="5"/>
         <Data X="30" Y="42" Bubble="3"/>
         <Data X="45" Y="42" Bubble="8"/>
      </Series>
      <Series Name='Gamma Emissions'>
         <Data X="5" Y="500" Bubble="4"/>
         <Data X="25" Y="615" Bubble="6"/>
         <Data X="50" Y="870" Bubble="8"/>

      </Series>
   </GraphData>
</Chart>
```

C

EXAMPLE POPCHART XML DATA

p_xy1.xml

p_xy1.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Compound Results</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Series Name='Solution A'>
         <Data X="17" Y="54"/>
         <Data X="34" Y="22"/>
         <Data X="47" Y="18"/>
      </Series>
      <Series Name='Solution B'>
         <Data X="7" Y="75"/>
         <Data X="29" Y="15"/>
         <Data X="41" Y="4"/>
         <Data X="50" Y="2"/>
      </Series>
   </GraphData>
</Chart>
```

gauge_p.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Graph Name='gauge'>
        <Values Text='Server Load' Value='80'/>
        <ColorRange Name='Normal' Color='#00b200' Minimum='0' Maximum='50' />
        <ColorRange Name='Warning' Color='#b2b200' Minimum='50' Maximum='75' />
       <ColorRange Name='Critical' Color='#b20000' Minimum='75' Maximum='100' />
        <Scale Minimum='0' Maximum='100' />
   </Graph>
</Chart>
```

C EXAMPLE POPCHART XML DATA

p_note.xml

p_note.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Note Example</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='Arrivals'/>
         <Category Name='Departures'/>
         <Category Name='Unused'/>
         <Category Name='Out of Commission'/>
      </Categories>
      <Series Name='Atlanta'>
         <Data Value='23.0'/>
         <Data Value='36.0'/>
         <Data Value='11.0'/>
         <Data Value='7.0'/>
      </Series>
      <Series Name='Boston'>
         <Data Value='41.0'/>
         <Data Value='17.0'/>
         <Data Value='25.0' Note= "Too many unused units"/>
         <Data Value='9.0'/>
      </Series>
   </GraphData>
</Chart>
```

p_xy1log.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Gamma Ray Emmissions</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Series Name='Centauri'>
         <Data X="17" Y="540"/>
         <Data X="34" Y="22"/>
         <Data X="47" Y="3"/>
      </Series>
      <Series Name='Rigel'>
         <Data X="7" Y="7500"/>
         <Data X="29" Y="1500"/>
         <Data X="41" Y="400"/>
         <Data X="50" Y="20"/>
      </Series>
   </GraphData>
</Chart>
```

C EXAMPLE POPCHART XML DATA

popup_p.xml

popup_p.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Hello World</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='Arrivals'/>
         <Category Name='Departures'/>
         <Category Name='Unused'/>
         <Category Name='Out of Commission'/>
      </Categories>
      <Series Name='Atlanta'>
         <Data Value='23.0' Popup='23 Tickets - I love Atlanta!'/>
         <Data Value='36.0' Popup='36 Tickets - I love Atlanta!'/>
         <Data Value='11.0' Popup='11 Tickets - I love Atlanta!'/>
         <Data Value='7.0' Popup='7 Tickets - I love Atlanta!'/>
      </Series>
      <Series Name='Boston'>
         <Data Value='41.0' Popup='41 Tickets - Boston is so Historical.'/>
         <Data Value='17.0' Popup='17 Tickets - Boston is so Historical.'/>
         <Data Value='25.0' Popup='25 Tickets - Boston is so Historical.'/>
         <Data Value='9.0' Popup='9 Tickets - Boston is so Historical.'/>
      </Series>
   </GraphData>
</Chart>
```

p_radar.xml

```
<?xml version='1.0' encoding='ISO-8859-1' ?>

<Chart>
   <Textbox Name='title'>
      <Text>Hello World</Text>
   </Textbox>
   <GraphData Name='graph'>
      <Categories>
         <Category Name='Arrivals'/>
         <Category Name='Departures'/>
         <Category Name='Unused'/>
         <Category Name='Out of Commission'/>
          <Category Name='For Sale'/>
      </Categories>
      <Series Name='Atlanta'>
         <Data Value='23.0'/>
         <Data Value='36.0'/>
         <Data Value='11.0'/>
         <Data Value='7.0'/>
          <Data Value='2.0'/>
      </Series>
      <Series Name='Boston'>
         <Data Value='41.0'/>
         <Data Value='17.0'/>
         <Data Value='25.0'/>
         <Data Value='9.0'/>
          <Data Value='11.0'/>
      </Series>
   </GraphData>
</Chart>
```

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EXAMPLE POPCHART XML DATA

p_radar.xml