

# DrawChart

An ActiveX Component from KF Webs

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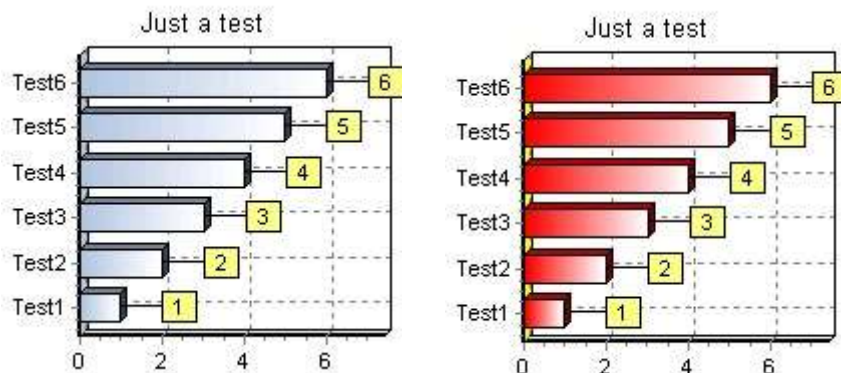
## 1. What is DrawChart

DrawChart is an ActiveX component made for the purpose of generating charts on the fly. It has been specially designed to be used from ASP pages running on Windows IIS Webservers. You can use this component to generate different types of charts. Horizontal bar chart, vertical bar chart, pie chart, and line series.

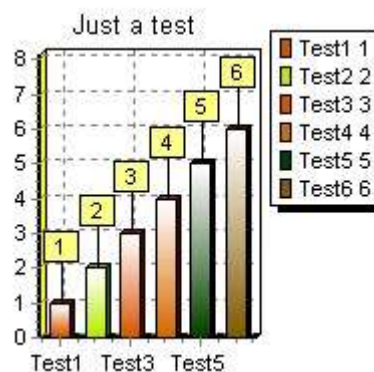
## 2. Examples

### 2.1 Line Charts

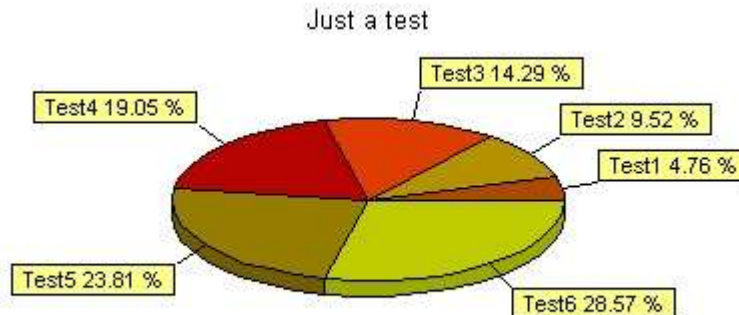
#### 2.1.1 Horizontal Line Charts



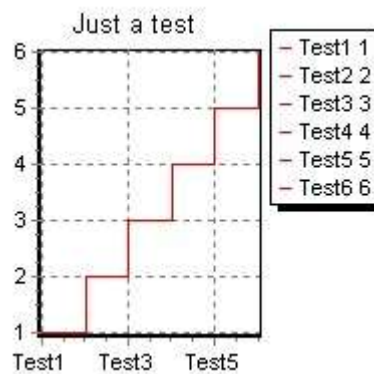
#### 2.1.2 Vertical Line Charts



## 2.2 Pie Charts



## 2.3 Line Charts



## 3. How to use the component

### 3.1 Register the component

First and foremost the component has to be registered for the system to recognize it. To accomplish this the administrator of the server has to run the following command:

```
regsvr32 c:\DrawChart.dll
```

After the component has been successfully registered it should be available to ASP instantly.

### 3.2 Using the component from an ASP page

Inside the ASP page the component has to be initialized, to do this add the line:

```
Set objChart = Server.CreateObject("DrawChart.Draw")
```

This is followed by the information you want to pass to the component, and ended with

setting the object to null.

```
Set objChart = Nothing
```

A working example can then be:

```
<%  
Option Explicit  
' Requirements  
' Requires the KF Webs DrawChart Component - DrawChart.dll,  
' this can be found by contacting KF Webs - http://kfwebs.net  
' Register it using regsvr32 c:\DrawChart.dll  
Dim objChart  
Set objChart = Server.CreateObject("DrawChart.Draw")  
objChart.Width = 200  
objChart.Height = 200  
objChart.Style = 1  
objChart.view3d = true  
objChart.Color = "red"  
objChart.Legend = false  
objChart.Title = "Just a test"  
objChart.Data = "Test1|Test2|Test3|Test4|Test5|Test6"  
objChart.Values = "1|2|3|4|5|6"  
objChart.Draw()  
Set objChart = Nothing  
>%
```

### **3.3 Reference**

The following member functions are available to the ASP page:

#### **3.3.1 Width**

Integer

The width of the image in pixels

#### **3.3.2 Height**

Integer

The height of the image in pixels

### **3.3.3 Style**

*Integer*

You can choose between the following pre-defined values:

- 1 - Horizontal bar,
- 2 - Vertical bar,
- 3 - Line series,
- 4 - Pie chart

### **3.3.4 Data**

*String*

String in the format "something|something2|something3"

### **3.3.5 Values**

*String*

The values in the format "1|2|3"

### **3.3.6 Title**

*String*

The title

### **3.3.7 Color**

*String*

The color of the chart - default: random

For more info look in section 4: Color usage

### **3.3.7 bgColor**

*String*

Background color: default: white

### **3.3.8 wallColor**

*String*

The wall color, only affected in 3d mode

### **3.3.9 Legend**

*Bool*

weather you want to show the legend or not

### **3.3.10 view3d**

*Bool*

set the 3d view

### **3.3.11 Stairs**

*Bool*

only affected in style 3: line series, makes the lines go as stairs

### **3.3.12 Draw**

*Method*

The method that draws the chart

## **4. Colors.**

The 3 member functions that are supposed to contain color values, color, bgColor and wallColor, expect the input to be in delphi style.

### **4.1 Pre-defiend colors**

The member function color can accept the following string values besides color values, blue, red, green, and random.

### **4.2 Hex to Delphi color converter**

The coverter is a VBScript example:

```
Function HexToDelphiColor(s)
  Dim c
  c = "$00" & Mid(s, 6, 2) & Mid(s, 4, 2) & Mid(s, 2, 2)
  HexToDelphiColor = c
End Function
```

And it can be used as:

```
objChart.Color = HexToDelphiColor("#b0c4de")
```

## **5. Misc**

The component has been tested successfully under Windows 2000/IIS5 and Windows 2003 Server/IIS6. However, if you encounter any problems please contact us at [bug@kfwebs.net](mailto:bug@kfwebs.net)

Also feel free to contact us if you have any other questions.

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