



## **ASSOCIATION OF SHAREWARE PROFESSIONALS (ASP) OMBUDSMAN STATEMENT**

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ASP Ombudsman 70007,3536

# AUTO REDRAW PROPERTY

## Description

Determines whether the control is redraw manually or automatically.

## Usage

[*form.*]control.**AutoRedraw**[ = {TRUE|FALSE} ]

## Setting

The property settings are:

Setting	Description
<b>TRUE</b>	Automatic (default) - The operating system will redraw the control when it has time.
<b>FALSE</b>	Manual - The user is responsible for all redraw commands.

## Remarks

If AutoRedraw=**TRUE**, then the control will be redrawn after any property is changed. If several properties are being changed rapidly, then the control may seem slow and/or may not update when desired. In this case, it may be wise to set AutoRedraw=**FALSE** and issue a Redraw command after all the desired property changes are made.

## Related Property

Redraw

## Data Type

Integer (Boolean)

## BACKGROUND COLOR PROPERTY

### Description

Determines the background color of the control. It is ignored if BackgroundPicture is set.

### Usage

[*form.*]control.**BackgroundColor**[ = *color* ]

### Remarks

This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

### Data Type

Long

# BACKGROUNDPICTURE PROPERTY

## Description

Determines the graphic to be displayed in the background of the control.

## Usage

[*form.*]control.**BackgroundPicture**[ = *picture* ]

## Setting

The BackgroundPicture property settings are:

Setting	Description
(none)	No picture is displayed.
(bitmap)	At design time, specify the bitmap filename to be displayed. At run-time, specify the bitmap using Visual Basic's <b>LoadPicture</b> (or comparable) function.

## Remarks

When setting the picture at design-time, the picture will be saved with the form and will be compiled into the executable.

## Data Type

Picture

# BEVELINNER PROPERTY BEVELOUTER PROPERTY

## Description

Sets or returns the inner or outer shadow styles of the control.

## Usage

*[form.]control.BevelInner* [ = *integer* ]

*[form.]control.BevelOuter* [ = *integer* ]

## Setting

The property settings are:

Setting	Description
0	None
1	Raised
2	Inset

## Remarks

These properties have no affect when BevelWidth=0.

## Related Properties

BevelWidth and BorderWidth

## Data Type

Integer (Enumerated)

## BEVELWIDTH PROPERTY

### Description

Sets or returns the shadow sizes of the inner and outer bevels of the control.

### Usage

*[form.]control.BevelWidth[ = integer ]*

### Related Properties

BevelInner, BevelOuter and BorderWidth

### Data Type

Integer

# BORDERTYPE PROPERTY

## Description

Sets or returns the style of the border around the control.

## Usage

[*form.*]control.**BorderType**[ = *integer* ]

## Setting

The BoderType property settings are:

Setting	Description
0 (None)	Border is not displayed.
1 (Bevel)	3D beveled border is displayed using the <u>BevelInner</u> , <u>BevelOuter</u> , <u>BevelWidth</u> and <u>BorderWidth</u> properties.
2 (Outline)	Frame style border is displayed using the <u>OutlineAlign</u> , <u>OutlineColor</u> , <u>OutlineTitle</u> and <u>OutlineWidth</u> properties.

## Data Type

Integer (Enumerated)

## BORDERWIDTH PROPERTY

### Description

Sets or returns the border size between the inner and outer bevels of the control.

### Usage

*[form.]control.BorderWidth* [ = *integer* ]

### Related Properties

BevelInner, BevelOuter and BevelWidth

### Data Type

Integer



## CAPTIONCOLOR PROPERTY

### Description

Determines the text color for the control's caption.

### Usage

*[form.]control.CaptionColor* [ = *color* ]

### Remarks

This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

### Data Type

Long

A **CHANGE** event is fired every time the left button is released when using the mouse to change the value of the control.



## Global Majic Software, Inc.



### Automobile Instrument Control

[Properties](#)

[Events](#)

[Product Support](#)

[Copyright](#)

#### Description:

The Automobile Instrument Control displays a variety of automobile instruments including tachometer, speedometer, fuel level, oil pressure, amp gauge, and water temperature. The controls can be used as inputs when MouseControl is set to **TRUE**. Additionally, they include bevels for a 3D appearance.

## **DANGER PROPERTY**

## **WARNING PROPERTY**

### **Description**

Determines the starting Value of the danger and warning annular regions (if shown), respectively. The annular regions stop when Value=Max. Additionally, if both ShowDanger and ShowWarning are **TRUE**, then the warning annular will appear to end where the danger annular begins.

### **Usage**

[*form.*]control.**Danger**[ = *single* ]  
[*form.*]control.**Warning**[ = *single* ]

### **Remarks**

Whether or not these annular regions are shown is dependent on the ShowDanger and ShowWarning properties.

### **Related Properties**

ShowDanger, ShowWarning and Value

### **Data Type**

Single

## DELTA PROPERTY

### Description

Determines the interval value between major tic marks on the instrument.

### Usage

*[form.]control.Delta[ = single ]*

### Related Properties

Max and Min

### Data Type

Single

**Events:**

Change  
Click  
MouseDown  
MouseMove  
MouseUp

## FRAMECOLOR PROPERTY

### Description

Determines the frame color surrounding the control's face.

### Usage

[*form.*]control.**FrameColor**[ = *color* ]

### Remarks

This property only applies when FrameStyle is set and FramePicture has not been specified. This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

### Related Properties

FramePicture, FrameScaleX, FrameScaleY and FrameStyle

### Data Type

Long

# FRAMEPICTURE PROPERTY

## Description

Determines the graphic to be displayed in the frame surrounding the control's face.

## Usage

[*form.*]control.**FramePicture**[ = *picture* ]

## Setting

The FramePicture property settings are:

Setting	Description
(none)	No picture is displayed.
(bitmap)	At design time specify the bitmap file name to be displayed. At run-time specify the bitmap using Visual Basic's <b>LoadPicture</b> (or comparable) function.

## Remarks

This property only applies when FrameStyle is not 0. When setting the picture at design-time, the picture will be saved with the form and will be compiled into the executable.

## Related Properties

FrameColor, FrameScaleX, FrameScaleY and FrameStyle

## Data Type

Picture



## FRAMESCALEX PROPERTY

## FRAMESCALEY PROPERTY

### Description

Determines the vertical and horizontal size of the opening inside of the frame surrounding the control. For a circular [FrameStyle](#), FrameScaleY is ignored and FrameScaleX is used to define the radius of the opening. This property is based on a [unitless scale](#) and typically has values between 0.0 and 1.0.

### Usage

[*form.*]control.**FrameScaleX**[ = *single* ]

[*form.*]control.**FrameScaleY**[ = *single* ]

### Related Properties

[FrameColor](#), [FramePicture](#) and [FrameStyle](#)

### Data Type

Single

# FRAMESTYLE PROPERTY

## Description

Sets or returns the style of the frame surrounding the control.

## Usage

`[form.]control.FrameStyle[ = integer ]`

## Setting

The FrameStyle property settings are:

Setting	Description
0 (None)	A frame is not displayed.
1 (Circle)	A circular frame is displayed using <u>FrameScaleX</u> as the internal radius.
2 (Rectangle)	A rectangular frame is displayed using the <u>FrameScaleX</u> and <u>FrameScaleY</u> properties to size the interior size of the frame.

## Related Properties

FrameColor, FramePicture, FrameScaleX and FrameScaleY

## Data Type

Integer (Enumerated)

## GAUGETYPE PROPERTY

### Description

Selects the type of instrument being displayed in the control.

### Usage

*[form.]control.GaugeType[ = integer ]*

### Setting

The property settings are:

Setting	Description
0	Tachometer
1	Speedometer
2	Fuel
3	Oil Pressure
4	Water Temperature
5	Volts

### Data Type

Integer (Enumerated)

# HUBCOLOR PROPERTY

## Description

Determines the color for the instrument's hub.

## Usage

*[form.]control.HubColor* [ = *color* ]

## Remarks

This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

## Related Property

[HubScale](#)

## Data Type

Long

# HUBSCALE PROPERTY

## Description

Determines the radius of the instrument's hub. This property is based on a unitless scale and typically has values between 0.0 and 1.0.

## Usage

*[form.]control.HubScale[ = single ]*

## Related Property

HubColor

## Data Type

Single

## **MAX PROPERTY**

## **MIN PROPERTY**

### **Description**

Determines the maximum and minimum values available on the instrument.

### **Usage**

*[form.]control.Max[ = single ]*

*[form.]control.Min[ = single ]*

### **Remarks**

The Max property should be greater than the Min property.

### **Data Type**

Single

# MOUSECONTROL PROPERTY

## Description

Enables and disables mouse input to the control.

## Usage

[*form.*]control.**MouseControl**[ = {TRUE|FALSE} ]

## Setting

The MouseControl property settings are:

Setting	Description
TRUE	Allows the control's <u>Value</u> to be modified with mouse input.
FALSE	Disables mouse input to the control.

## Data Type

Integer (Boolean)

## NEEDLECOLOR PROPERTY

### Description

Determines the color for the instrument's needle.

### Usage

*[form.]control.NeedleColor[ = color ]*

### Remarks

This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

### Data Type

Long



# OUTLINEALIGN PROPERTY

## Description

Determines the alignment of the OutlineTitle at the top of the control. This property only applies when BorderType is set to 2 (Outline).

## Usage

[*form.*]control.**OutlineAlign**[ = *integer* ]

## Setting

The OutlineAlign property settings are:

Setting	Description
0	Left
1	Right
2	Center

## Related Properties

BorderType, OutlineColor, OutlineTitle and OutlineWidth

## Data Type

Integer (Enumerated)

# OUTLINECOLOR PROPERTY

## Description

Determines the color of the outline frame (and OutlineTitle) surrounding the control when BorderType is set to 2 (Outline).

## Usage

*[form.]control.OutlineColor[ = color ]*

## Remarks

This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

## Related Properties

BorderType, OutlineAlign, OutlineTitle and OutlineWidth

## Data Type

Long

## OUTLINETITLE PROPERTY

### Description

Determines the text displayed as the title in the outline frame surrounding the control when the BorderType is set to 2 (Outline).

### Usage

[*form.*]control.**OutlineTitle**[ = *string* ]

### Related Properties

BorderType, OutlineAlign, OutlineColor and OutlineWidth

### Data Type

String

## OUTLINEWIDTH PROPERTY

### Description

Determines the thickness (in pixels) of the outline frame surrounding the control when BorderType is set to 2 (Outline).

### Usage

*[form.]control.OutlineWidth[ = integer ]*

### Related Properties

BorderType, OutlineAlign, OutlineColor and OutlineTitle

### Data Type

Integer

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Product support for all products is available to registered users by contacting **Global Majic Software, Inc.** at any of the following locations:

**CompuServe:** 73261,3642

**AmericaOnline:** GMagic

**Internet:** gms@globalmajic.com

**Snail Mail:** Global Majic Software, Inc.  
P.O. Box 322  
Madison, Alabama 35758

**TEL/FAX:** (205) 864-0708

**Home Page:** <http://www.globalmajic.com>

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## Properties:

AutoRedraw  
BackgroundColor  
BackgroundPicture  
BevelInner  
BevelOuter  
BevelWidth  
BorderType  
BorderWidth  
CaptionColor  
Danger  
Delta  
Enabled  
FontBold  
FontItalic  
FontName  
FontSize  
FontStrike

FontUnder  
FrameColor  
FramePicture  
FrameScaleX  
FrameScaleY  
FrameStyle  
GaugeType  
Height  
HubColor  
HubScale  
Index  
Left  
Max  
Min  
MouseControl  
MousePointer  
Name

NeedleColor  
OutlineAlign  
OutlineColor  
OutlineTitle  
OutlineWidth  
Redraw  
ShowDanger  
ShowWarning  
TabIndex  
TabStop  
Tag  
TicColor  
Top  
Value  
Visible  
Warning  
Width

## REDRAW PROPERTY

### Description

Issues a redraw command to the control if AutoRedraw=**FALSE**.

### Usage

[*form.*]control.Redraw[ = {TRUE|FALSE} ]

### Setting

The property settings are:

Setting	Description
TRUE	Issue a redraw command.
FALSE	Does not issue redraw command.

### Remarks

If AutoRedraw=**TRUE**, then the control will be redrawn after any property is changed. If several properties are being changed rapidly, then the control may seem slow and/or may not update when desired. In this case, it may be wise to set AutoRedraw=**FALSE** and issue a Redraw command after all the desired property changes are made.

### Related Property

AutoRedraw

### Data Type

Integer (Boolean)

# SHOWDANGER PROPERTY SHOWWARNING PROPERTY

## Description

Determines whether or not the danger and warning annulars are shown on the instrument.

## Usage

[form.]control.**ShowDanger**[ = {TRUE|FALSE} ]  
[form.]control.**ShowWarning**[ = {TRUE|FALSE} ]

## Setting

The property settings are:

Setting	Description
TRUE	Annular region visible
FALSE	No annular region

## Related Property

Danger and Warning

## Data Type

Integer (Boolean)



## TicCOLOR PROPERTY

### Description

Determines the color of the tics that appear on the instrument's face. selected by TicID.

### Usage

*[form.]control.TicColor[ = color ]*

### Remarks

This property can be set using Visual Basic's **RGB** or **QBColor** (or comparable) functions.

### Data Type

Long

# VALUE PROPERTY

## Description

Contains the current value of the instrument and is displayed by the instrument's needle.

## Usage

`[form.]control.Value[ = single ]`

## Remarks

The Value property is set by moving the instrument's needle indicator when MouseControl is **TRUE** or by manually setting the property in code.

## Data Type

Single

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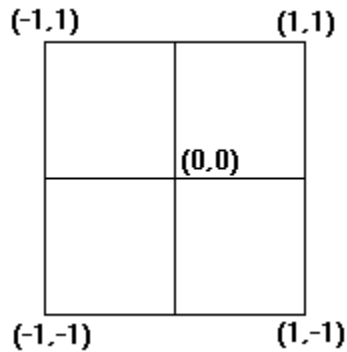
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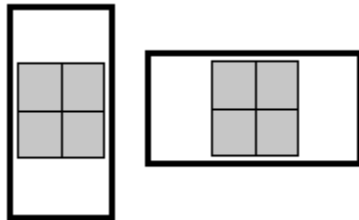
## UNITLESS SCALE

### Description:

Properties which are used to specify position or length use a scale which is based on the size of the control (instead of twips or pixels). For a control which is square, the coordinate system used is depicted with its origin at the center of the control and its width and height measured from -1 to 1.



For controls which are not square, the origin is still at the center of the control. The unit scale used, however, is based on the width or height whichever is smaller so that a unit square fits completely within the control as shown in the two controls below.



**NOTE:** For some variables (i.e., radii, width, etc.), the valid range of the unitless scale is from 0 to 1 (negative values have no meaning)



