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Muskegon, MI 49442-9427 USA
FAX 616-788-2765

or send a CompuServe message via CompuServe Mail to:

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
TRUE	Automatic (default) - The operating system will redraw the control when it has time.
FALSE	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 LoadPicture (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.**BorderStyle**[= *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 LoadPicture (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

PRODUCT SUPPORT

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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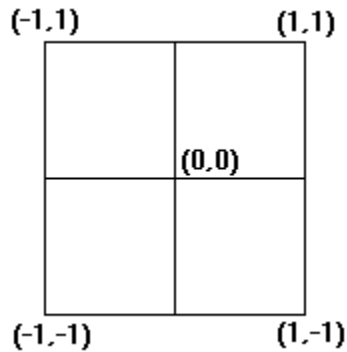
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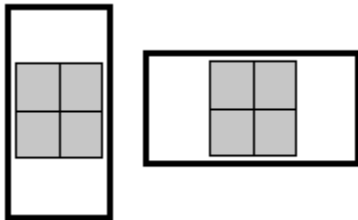
UNITLESS SCALE

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)

