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O_{bjectE}X_{ension}Controls

OXDisplay ---- Opaque Software ©

OxLabel   **Label Control**

OXMeter   **Meter Control**

OXClock   **Date/Time Control**

OxLabel

OXLabel is a 3D label control for Microsoft Visual Basic.

Description

This control adds new features the standard Visual Basic label control did not. OXLabel can give the text and and a border a 3D look. It also allows for different alignment of the text and different text angle. OXDisplay includes PropertyMenus and ControlWiz.

File Name

OXDISPLY.VBX

Object Type

OXLabel

Remarks

OXLabel gives the Visual Basic developer the ability to easily change the look and characteristics of the control. (Text formatting, 3D look, Fonts, Alignment, Default Property, Text Angle, Settings and Other Properties) using the the right-mouse button or with the ControlWiz.

Properties and events that apply only to this control, or require special consideration when used with it, are marked with an asterisk. They are documented in the next section. See the *Visual Basic Language Reference* or online Help for documentation of the remaining properties, events, and methods.

OXMeter

OMeter is a 3D meter or graph control for Microsoft Visual Basic.

Description

This control has many features which are not availible on any other graph or meter control. OXMeter can give the text and border a 3D look. It also allows for different alignment of the text and picture. Pictures a also supported which allow the progress to be shown using bitmaps or icons. OXMeter includes PropertyMenus and ControlWiz.

File Name

OXDISPLY.VBX

Object Type

OXMeter

Remarks

OXMeter gives the Visual Basic developer the ability to easily change the look and characteristics of the control. (Text formatting, 3D look, Fonts, Alignment, Default Property, Text Angle, Settings and Other Properties) using the the right-mouse button or with the ControlWiz.

Properties and events that apply only to this control, or require special consideration when used with it, are marked with an asterisk. They are documented in the next section. See the *Visual Basic Language Reference* or online Help for documentation of the remaining properties, events, and methods.

OXClock

OXClock is a 3D Clock, Time and Date control for Microsoft Visual Basic.

Description
This control allows the display of the current Date and/or Time in your application. Any format is possible. OXClock can give the text and and a border a 3D look. It also allows for different alignment of the text and different text angle. OXClock includes PropertyMenus and ControlWiz.

File Name
OXDISPLY.VBX

Object Type
OXClock

Remarks
OXClock gives the Visual Basic developer the ability to easily change the look and characteristics of the control. (Text formatting, 3D look, Fonts, Alignment, Default Property, Text Angle, Settings and Other Properties) using the the right-mouse button or with the ControlWiz.

Properties and events that apply only to this control, or require special consideration when used with it, are marked with an asterisk. They are documented in the next section. See the *Visual Basic Language Reference* or online Help for documentation of the remaining properties, events, and methods.

Properties

*(About)	FontBold	*MultiLine
*(ControlWiz)	FontItalic	Name
*(DesignNames)	FontName	Parent
*(Help)	FontSize	TabIndex
*(SetDefault)	FontStrike	TabStop
BackColor	FontUnderline	Tag
*BorderStyle	ForeColor	*TextAngle
Caption	Height	TextDisplay
Drag	HWnd	*TextX, *TextY
DragIcon	Index	Top
Enabled	Left	Visible
*Font3D	MousePointer	Width

Properties

*(About)	FontBold	*Percent
*(ControlWiz)	FontItalic	*PicDisplay
*(DesignNames)	FontName	*PicSpacing
*(Help)	FontSize	*Picture
*(SetDefault)	FontStrike	TabIndex
*AllowFocus	FontUnderline	TabStop
BackColor	ForeColor	Tag
*BarBorder	Height	*TextAngle
*BarColor	HWnd	*TextDisplay
*Caption	Index	*TextX, TextY
*ChunkSize	Left	Top
Drag	MousePointer	*Total
DragIcon	Name	*Value
Enabled	*Orientation	Visible
*Font3D	Parent	Width

See Also

Properties

*(About)	FontBold	*MultiLine
*(ControlWiz)	FontItalic	Name
*(DesignNames)	FontName	Parent
*(Help)	FontSize	TabIndex
*(SetDefault)	FontStrike	TabStop
BackColor	FontUnderline	Tag
*BorderStyle	ForeColor	*TextAngle
Caption	Height	*TextX
Drag	HWnd	*TextY
DragIcon	Index	Top
Enabled	Left	Visible
*Font3D	MousePointer	Width

Methods

Drag	Refresh
Move	SetFocus

Events

Clicked	KeyDown	DblClick
DragDrop	KeyPress	MouseDown
DragOver	KeyUp	MouseMove
GotFocus	LostFocus	MouseUp

Events

Changed	KeyDown	MouseDown
Clicked	KeyPress	MouseMove
DragDrop	KeyUp	MouseUp
DragOver	LostFocus	
GotFocus	DblClick	

Property Menu

Description

Right Clicking on the 3D-VB Input during development brings up a Property Menu which allows for changing the controls properties.

Remarks

Why MicroSoft didn't include this in standard VB instead of the VB Property window is beyond me. No more mousing back and forth searching for the Property window. Selecting one of the menu items brings up a dialog box to change the properties.

Control Wiz

Description

Automates the visual design of the control.

Remarks

No more wading through property list after property list. Allows you to change many properties at once.

(About)

Description

Displays AboutBox and version information.

Remarks

Design time only.

Data Type

None.

(DesignNames)

Description

    Displays CtlName property during DesignTime for all OXContols.

Remarks

    Design time only.

Data Type

    Boolean

(Help)

Description

Starts this help file.

Remarks

Design time only

Data Type

None.

(SetDefault)

Description

Makes properties of the current control the default.

Remarks

DesignTime Only. Just select the control and set the default property. The following properties and their values will become the default for all the subsequent controls until the default is changed.

Data Type

None.

(Control Wiz)

Description

Starts the ControlWiz for the current control.

Remarks

Design time only. The ControlWiz can be started by selecting the ControlWiz property form the property window and pressing the (...) or by clicking the right mouse button over the Control.

Data Type

None.

AllowFocus

Description

Determines whether the user can obtain focus for the control.

Usage

[*form*.]*OxMeter*.**AllowFocus**[= *x*]

Remarks

The following table lists the AllowFocus property settings for the Meter control.

Setting	Description
0	No Focus allowed.
1	Normal focus.
2	Double-click focus.

Data Type

Integer(Enum)

BarBorder

Sorry not yet finished.

BarColor

Description

Sets or retuns the bar color of the control.

Usage

[*form*.]*OxMeter*.**BarColor**[= *color*]

Data Type

Long

BorderStyle

Description

Sets or returns the controls border style.

Usage

[*form*.]*Oxdisply*.**BorderStyle**[= *x*]

Remarks

The following table lists the BorderStyle property settings for the control.

Setting	Description
0	No Border
1	Standard
2	Raised
3	Inset
4	Raised - Enhanced
5	Inset - Enhanced
6	Raised - Ridged
7	Inset - Ridged

Data Type

Integer (Enumerated)

Caption

Description

Sets or returns the controls text.

Usage

[*form*.]*Oxdisply*.**Caption**[= *setting%*]

Remarks

OXMeter and OXClock allow embedded fields with in the caption display. The fields must be set apart with brackets [ ].

OXMeter:

Field	Prop Value
P, p	Percent
V, v	Value
T, t	Total

Example: [P] parts of [t] completed   --displays-->   25 parts of 100 completed

OXClock:

Field	Display Value	Example
ap	am or pm, lower case	12:01 **pm**
AP	AM or PM, upper case	12:01 **PM**
D, d	Date	12/**1**/95
DD, dd	Date, padded	12/**01**/95
h	Hours: 12	**1**:59
H	Hours: 24	**23**:59
hh	Hours: 12 padded	**01**:59
HH	Hours: 24 padded	**0**:59
J, j	Month, text short	**Mar**
JJ, ,jj	Month, text long	**March**
M, m	Month	**1**/31/95
MM, mm	Month, padded	**01**/31/95
N, n	Minutes	12:**1**
NN, nn	Minutes, padded	12:**01**
S, s	Seconds	12:59:**1**
SS, ss	Seconds, padded	12:59:**01**
W, w	Weekdays, short	**Wed**
WW, ww	Weekdays, long	**Wednesday**
Y, y	Year, 2 digit	11/31/**95**
YY, yy	Year, 4 digit	11/31/**2095**

Example: Today is [W], [jj] [d], [yy]   --displays-->   Today is Wed, March 31, 2095

Data Type

String

ChunkSize

Description

Sets or returns the size of the OXMeters moving block.

Usage

[*form*.]*OxMeter*.**ChunkSize**[= *setting%*]

Remarks

Sets the size of the moving block. ChunkSize must be >= 0 and < <u>Total</u>. If ChunkSize = 0 then no moving block exists.

Data Type

Long

Font3D

Description

Sets or returns the three-dimensional style of the Control text.

Usage

[*form*.]*Oxdisply*.**Font3D**[= *setting%*]

Remarks

The Font3D property settings are:

Setting	Description
0	Invisible.
1	Normal.
2	Raised
3	Inset

Data Type

Integer (Enumerated)

MultiLine

Description

Specifies whether the control will display the text or caption using more than one line of text.

Usage

[*form*.]*Oxdisply*.**MultiLine**[= *x*]

Remarks

The following table lists the MultiLine property settings for the control.

Setting	Description
True	Allows more than one line of text.
False	Allows only one line of text

TextAngle must be = 0 for MultiLine text to be displayed.

Data Type

Integer(Boolean)

Percent

Description

Sets or returns the completed percentage of the meter control.

Usage

[*form*.]*OxMeter*.**Percent**[= *setting%*]

Remarks

Percent is = <u>Value</u>* 100 / <u>Total</u>

Data Type

Integer

PicDisplay

Description

Sets or returns the format of the displayed picture.

Usage

[*form*.]*OxMeter*.**PicDisplay**[= *setting%*]

Remarks

The PicDisplay property settings are:

Setting	Description
0	Stretching.
1	Growing
2	Sliding

Data Type

Integer (Enumerated)

PicSpacing

Description

Sets or returns the number of pixels between the meters picture.

Usage

[*form*.]*OxMeter*.**PicSpacing**[= *setting%*]

Remarks

A negative number allows the Picture to overlap creating a stacked effect.

Data Type

Integer

Picture

Description

Specifies a bitmap or an icon to display on the Meters bar.

Usage

[*form*.]*OXMeter*.**Picture**[= *picture*]

Remarks

The following table lists the Picture property settings for the Meter control.

Setting	Description
(none)	(Default) No picture.
(bitmap) or (icon)	Designates a graphic to display. You can load the graphic from the Properties window at design time.

Note   This control can display bitmaps (.BMP) and icons (.ICO), but not Windows metafiles (.WMF). At run time, you can set the Picture property to any other object's DragIcon, Icon, Picture, or Image property, or you can assign it the graphic returned by the LoadPicture function. You can only assign the Picture property directly.

Data Type

picture

TextDisplay

Description

Sets or returns the preset Caption format of the control.

Usage

[*form*.]*OxMeter*.**TextDisplay**[= *setting%*]
[*form*.]*OxClock*.**TextDisplay**[= *setting%*]

Remarks

When TextDisplay is = 0, the Caption will be displayed, or else the control will display the preset format.

Data Type

Integer (Enumerated)

TextAngle

Description

Sets or returns the texts angle in degrees or rotation.

Usage

[*form*.]*Oxdisply*.**TextAngle**[= *x*]

Remarks

To rotate the text use a number between 1 and 360. 0 = no rotation.

Data Type

Integer

TextX

Description

Sets or returns the text or captions horizontal location in twips inside the control.

Usage

[*form*.]*Oxdisply*.**TextX**[= *x*]

Remarks

The following table lists the TextX property settings for the Meter control.

Setting	Description
>= 1	Twips from the left.
= 0	Centered.
<= -1	Twips from the right.

To align the text or caption on the left edge use a positive number, to align it from the right use a negative number or to center it use zero.

Data Type

Single

TextY

Description

Sets or returns the text or captions vertical location in twips inside the control.

Usage

[*form*.]*Oxdisply*.**TextY**[= *y*]

Remarks

The following table lists the TextY property settings for the Meter control.

Setting	Description
>= 1	Twips from the top.
= 0	Centered.
<= -1	Twips from the bottom.

To align the text or caption on the top edge use a positive number, to align it from the bottom use a negative number or to center it use zero.

Data Type

Single

Total

Description

Sets or returns the maximum value for Value.

Usage

[*form*.]*OxMeter*.**Value**[= *setting%*]

Remarks

Total is always >= <u>Value</u>. When Total is = Value the Meters bar will show complete.

Data Type

Long

Value

Description
   Sets or returns the Value of the Meter control.

Usage
   [*form*.]*OXMeter*.**Value**[= *setting%*]

Remarks
   Value must be <= Total. Value shows the amount done in the meters bar.

Data Type
   Long

Registration

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P.O. Box 2483.
Napa, CA 94558
CIS   70621,3034

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15 Dollars U.S   (disk is $7 extra)

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