

## 3D-VB Input [ver 3.0]

3D-VB is an enhanced TextBox control for Microsoft Visual Basic.

### Description

This control emulates the standard Visual Basic TextBox control which allows the user to enter text. 3D-VB Input can give the text and the control a 3D look. It also allows for different alignment of the text. Plus the first VB control with **Property Menus**.  
[ver 3.0] includes properties to access database data.

### Registration

#### File Name

INPUT.VBX

#### Object Type

Input

#### Remarks

3D-VB Input 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 Settings and Other Properties) using the Right Mouse Button.

All of the properties, events, and methods for this control are listed below. 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

<u>(About)</u>	<u>(DesignNames)</u>
<u>(Help)</u>	<u>(SetDefault)</u>
<u>Alignment</u>	BackColor
<u>BorderStyle</u>	CtlName
DataField [ver 3.0]	DataSource [ver 3.0]
Drag	DragIcon
Enabled	<u>Font3D</u>
FontBold	FontItalic
FontName	FontSize
FontStrikeThru	FontUnderline
ForeColor	<u>Format</u>
Height	<u>HWnd</u>
Index	Left
MousePointer	<u>Parent</u>
<u>ReadOnly</u>	<u>SelAuto</u>
SelLength	SelStart
SelText	TabIndex
TabStop	Tag
Text	<u>TextLimit</u>
Top	<u>Value</u>
Visible	Width

## Events

Change	Clicked
DbClick <a href="#">[ver 3.0]</a>	
DragDrop	DragOver
GotFocus	KeyDown
KeyPress	KeyUp
LostFocus	MouseDown <a href="#">[ver 3.0]</a>
MouseMove <a href="#">[ver 3.0]</a>	MouseUp <a href="#">[ver 3.0]</a>

## Methods

Drag	Move
Refresh	SetFocus

## **(About)**

### **Description**

Displays About Box and version information.

### **Remarks**

DesignTime Only:

### **Data Type**

None

## **(DesignNames)**

### **Description**

Displays CtlName property during DesignTime for all 3D-VB Input controls.

### **Remarks**

DesignTime Only. Has no effect at RunTime.

### **Data Type**

None

## **(Help)**

### **Description**

Starts 3D-VB Input Help

### **Remarks**

DesignTime 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.

<u>Alignment</u>	BackColor
<u>BorderStyle</u>	<u>Font3D</u>
ForeColor	<u>Format</u>
<u>ReadOnly</u>	<u>SelAuto</u>
<u>TextLimit</u>	Visible

### Data Type

None

# Alignment

## Description

Sets or returns the alignment of text in the Panel.

## Usage

`[form.]Input.Alignment[= setting%]`

## Remarks

The Alignment property settings are:

<u>Setting</u>	<u>Description</u>
0	Caption appears left justified at the top.
1	Caption appears left justified in the middle.
2	Caption appears left justified at the bottom.
3	Caption appears right justified at the top.
4	Caption appears right justified in the middle.
5	Caption appears right justified at the bottom.
6	Caption appears centered at the top.
7	Caption appears centered in the middle.
8	Caption appears centered at the bottom.

## Data Type

Integer (Enumerated)

## BorderStyle

### Description

Sets or returns the three-dimensional style of the Input BorderStyle

### Usage

`[form.]Input.BorderStyle[ = setting%]`

### Remarks

The BorderStyle property settings are:

<u>Setting</u>	<u>Description</u>
----------------	--------------------

- |   |   |
|---|---|
| 0 | None, No Border is shown.                               |
| 1 | Standard, Border is shown Normal, default window color. |
| 2 | Raised, Border appears raised.                          |
| 3 | Inset, Border appears inset.                            |
| 4 | Raised-Enhanced, Border appears more raised.            |
| 5 | Inset-Enhanced, Border appears more inset.              |
| 6 | Raised-Ridge, Border appears as a raised ridge.         |
| 7 | Inset-Ridge, Border appears as an inset ridge.          |

The BorderStyle property works with all the Color properties. Settings 4 and 5 work best with non-gray colors.

### Data Type

Integer (Enumerated)

# Font3D

## Description

Sets or returns the three-dimensional style of the Input Text.

## Usage

`[form.]Input.Font3D[ = setting%]`

## Remarks

The Font3D property settings are:

<u>Setting</u>	<u>Description</u>
----------------	--------------------

- |   |  |
|---|--|
| 0 | Normal.                                    |
| 1 | Norma.                                     |
| 2 | Raised, Text appears raised.               |
| 3 | Inset, Text appears inset.                 |
| 4 | Raised-Enhanced, Text appears more raised. |
| 5 | Inset-Enhanced, Text appears more inset.   |

The Font3D property works with all the other Font properties. Settings 2 and 4 (heavy shading) look best with larger, bolder fonts.

## Data Type

Integer (Enumerated)

# Format

## Description

Sets or returns the Format of the Input Text.

## Usage

`[form.]Input.Format[ = setting%]`

## Remarks

The Format property settings are:

<u>Setting</u>	<u>Description</u>
0	All, all characters are accepted.
1	Upper, upper case characters only.
2	Lower, lower case characters only.
3	Caps, words are capitolized when focus is lost.
4	Numbers only
5	Integers only (0..9)

The format setting restricts and/or changes characters entered in to the control. When the Format property is set to 5, the '+' and '-' keys increment the Value of the Text.

## Data Type

Integer (Enumerated)

## HWnd

### Description

Returns the Window Handle of the Input Control.

### Usage

```
[setting%] = [form.]Input.HWnd
```

### Remarks

HWnd is readonly and available only at RunTime.

HWnd is used mostly for direct calls to the Windows API.

### Data Type

Integer

## Parent

### Description

Returns the Parent Form

### Usage

[*setting%*] = [*form.*]Input.**Parent**

### Remarks

Parent is readonly and available only at RunTime.

### Data Type

Form.

## ReadOnly

### Description

Sets or returns the ReadOnly property of Input Control.

### Usage

```
[form.]Input.ReadOnly[ = setting%]
```

### Remarks

The ReadOnly property settings are either (True/False).

When ReadOnly is set to True, the user cannot tab into the control or enter it with the mouse, but the Clicked event is still enabled.

### Data Type

Integer (Boolean)

## SelAuto

### Description

Sets or returns the SelAuto property of Input Control.

### Usage

```
[form.]Input.SelAuto[ = setting%]
```

### Remarks

The SelAuto property settings are either (True/False).

When SelAuto is set to True, tabbing into the control will select all the text just like in normal windows dialog boxes. The False setting makes it behave like the Visual Basic default, which is to select only what was selected before when the control last had the focus.

### Data Type

Integer (Boolean)

## TextLimit

### Description

Sets or returns the TextLimit property of the Input Control.

### Usage

```
[form.]Input.TextLimit[ = setting%]
```

### Remarks

The TextLimit property limits the amount of text which can be entered into the Input control. A setting of zero places no limit on the number of characters that can be entered, within Windows limitations.

### Data Type

Integer

## Value

### Description

Sets or returns the Value property of the Input Control.

### Usage

`[form.]Input.Value[ = setting%]`

### Remarks

Value is not available at DesignTime.

Retrieves or sets the integer value of the text of the control. This property eliminates the need to use the Visual Basic `Val()` function on the Text property.

### Data Type

Long

# Property Menu

## Description

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

## Remarks

Why MicroSoft didn't include this in standard VB instead of the VB Property Bar is beyond me. No more mousing back and forth between the controls and the property bar.

Selecting one of the menu items brings up a dialog box to change the properties.

## Color...

Brings to front VB's standard color pallete allowing change to:

ForeColor                      BackColor

## Display...

Brings up a dialog box to change:

Alignment                      BorderStyle  
Font3D                          Visible

## Fonts...

Brings up Windows common font dialog box to change all font settings.

## Format...

Brings up a dialog box to change:

Enabled                          Format  
ReadOnly                      SelAuto  
TabIndex                          TextLimit

## Name...

Brings up a dialog box to change:

CtlName                          Index  
Tag                                  Text

## Position...

Brings up a dialog box to change:

Left                                  Height  
Top                                    Width

## Edit

Brings up edit sub-menu.

## Options

Brings up sub-menu to change:

DesignNames                  SetDefault

## Help

Starts the Help file.

## About...

Displays About dialog box.

## Registartion

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3D-VB Input ver 3.0 has been written using Turbo Pascal for Windows. I welcome all comments, suggestions and problems with 3D-VB Input. Feel free to contact me via US mail or CompuServe E-MAIL. Registered users will be given priority. Thanks for using 3D-VB Input.

### REGISTRATION COSTS

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

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