

FlexBox



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Introduction

FlexBox just enhance the normal textbox features. It supports several types for instance, Numeric, Date and Time. There is no need to check validity of numeric formats, date formats and time formats.

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The Author

License Agreement

FlexBox has no restrictions. It can be freely distributed. And I hope you will enjoy this ActiveX control. Any problem? Just mail to me.

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FlexBox Type

Four types of FlexBox have each own character, especially Date and Time have a Alternative expression. See the below descriptions.

Normal

- “Ç Same as Label and TextBox of Visual Basic
- “È Supports EditColorUse Property and EditColor Property

Numeric

- “Ç Supports Validation-Checking Procedure
 - ☛ Only numeric expression
- “È Supports EditColorUse Property and EditColor Property
- “É Supports Valid/InvalidColor Properties
- “Ê Supports Valid/InvalidColorUse Properties
- “Ë Supports thousand separator and two ways of numeric expression alignment

Date

- “Ç Supports Validation-Checking Procedure
 - ☛ Numeric expression and any separator
 - ☛ *Alternative*
 - t/T and numeric expression with Plus(+) sign >> t/T means today(System Default)
 - Numeric expression can be positive (to get dates in the future) or negative (to get dates in the past). *Ex) t- 2*
- “È Supports EditColorUse Property and EditColor Property
- “É Supports Valid/InvalidColor Properties
- “Ê Supports Valid/InvalidColorUse Properties

Time

- “Ç Supports Validation-Checking Procedure
 - ☛ Numeric expression and any separator
 - ☛ *Alternative*
 - n/N >> n/N means now(System Default) *Ex) n*
- “È Supports EditColorUse Property and EditColor Property
- “É Supports Valid/InvalidColor Properties
- “Ê Supports Valid/InvalidColorUse Properties

{button See Also,KL(`Properties')} [FlexBox Properties](#)

Interval and BoxWidthLock Properties

FlexBox consists of Label and TextBox. To align this control you want, adjust the values of Interval and BoxWidthLock properties pertinently. You can use these properties to align FlexBox controls with each other.

Interval Property

Use the Interval property to determine the distance between Label and TextBox. Default value is 80

BoxWidthLock Property

To lock the change of TextBox width, just set the BoxWidthLock property to true. Default value is False

Checking validation and using valid/invalid color

FlexBox control supports default validation checking for Numeric, Date and Time FlexBox type.

Numeric FlexBox has two ways to display the direction of expression, LEFT_ALIGN, RIGHT_ALIGN. And it supports thousand separator(,) Input character must to be number, minus sign, decimal point(.) or comma(,).

Date FlexBox has three formats, None, YYYYMMDD, MMDDYYYY.
If Input characters is valid, it converted to its formatted-text automatically and supports alternative character t(T).

Time FlexBox has three formats, Any, HH:MM, HH:MM:SS and supports alternative character n(N).

You can use the ValidColor, InvalidColor properties to display for results of validation.

Properties

BoxWidthLock

Data: **Boolean**

CaptionView

FlexBox consists of Label and TextBox. You can remove the appearance of caption(Label).

Data: **Boolean**

FormatDate

Date FlexBox has three formats, None, YYYY-MM-DD, MM-DD-YYYY. If Input characters is valid, it converted to its formatted-text automatically. And supports alternative character t(T).

Data: **Date Type Constants >> NONE, YYYYMMDD, MMDDYYYY**

FormatTime

Time FlexBox has three formats, Any, HH:MM, HH:MM:SS. And supports alternative character n(N).

Data: **Time Type Constants >> ANY_TYPE, HH:MM, HH:MM:SS**

Interval

Data: **Long**

InvalidBeep

FlexBox control supports default validation checking for Numeric, Date and Time FlexBox type. Setting the InvalidBeep property to true generates Beep(System Default) if the result proved to false.

Data: **Boolean**

InvalidColor

Determines the color for invalid state.

Data: **OLE Color**

InvalidColorUse

If the InvalidColorUse property is set to true, FlexBox display the color when its ValidState property is false.

Data: **Boolean**

NumAlignment

NumAlignment property has an effect on the direction of expression if FlexBox type is Numeric.

Data: **NumAlignment Constants >> LEFT_ALIGN, RIGHT_ALIGN**

NumSeparatorUse

NumSeparatorUse property determines whether to use thousand separator(,) of expression or not.

Data: **Boolean**

ValidColor

Determines the color for valid state.

Data: **OLE Color**

ValidColorUse

If the ValidColorUse property is set to true, FlexBox display the color when its ValidState property is true.

Data: **Boolean**

ValidState

Returns the FlexBox valid or invalid state. User only read this property to check the validity true or false if FlexBox type is one of the Numeric, Date and Time types.

Data: **Boolean**

{button See Also,KL(`Type')} [FlexBox Type](#)

