Public Class BinhClock

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'- File Name : BinhColor.vb -

'- Part of Project: BinhCLock -

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'- Written By: Binh D. Dang -

'- Written On: April 12th, 2022 -

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'- File Purpose: - -

'- This file contains a property that neccessary for Coorddinated Universal Time Timeclock

'- control (DLL) that can be used in other places

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'- Program Purpose: -

'- The purpose of this program is to create a personal control (DLL)

'- to use in other application

'------------------------------------------------------------

'the base color usinbg for the box that have MVBoli Font - size 12 - regular font

Dim MVBoliFont As New Font("MV Boli", 12, FontStyle.Regular)

Dim myBrush As New SolidBrush(Color.Black)

Dim CurrentforeColor As Color = Color.CadetBlue

'Override the getter and setter of ForeCOlor and font

Public Overrides Property ForeColor As Color

Get

Return CurrentforeColor

End Get

Set(value As Color)

CurrentforeColor = value

Me.Invalidate()

End Set

End Property

Public Overrides Property Font As Font

Get

Return MVBoliFont

End Get

Set(value As Font)

MVBoliFont = value

Me.Invalidate()

End Set

End Property

Private Sub Timer\_Tick(sender As Object, e As EventArgs) Handles Timer.Tick

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'- Subprogram Name: Timer\_Tick -

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'- Written By: Binh Dang -

'- Written On: April 13, 2022 -

'------------------------------------------------------------

'- Subprogram Purpose: -

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'- This subroutine make sure every time the timer ticks, refresh the control's context,

'which in effect will force the time to be updated since

'------------------------------------------------------------

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'- Local Variable Dictionary (alphabetically): -

'- (None) -

'------------------------------------------------------------

Me.Refresh() ' regresh painter

End Sub

Protected Overrides Sub OnPaint(e As PaintEventArgs)

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'- Subprogram Name: OnPaint -

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'- Written By: Binh Dang -

'- Written On: January 25, 2022 -

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'- Subprogram Purpose: -

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'- This subroutine overrides onPaint function

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'- Local Variable Dictionary (alphabetically): -

'- (myGfx) - Graphics as a context for control -

'------------------------------------------------------------

'e.Graphics is the graphics context for the control

Dim myGfx As Graphics = e.Graphics

'Set the brush to whatever the current foreground color is

myBrush.Color = CurrentforeColor

'Print the time out

myGfx.DrawString(DateTime.UtcNow.ToString, MVBoliFont, myBrush, 10, 10)

End Sub

End Class