

TimeBlockList

All time blocks in the control.

Usage

```
Set_Property(OLECtrlEntID, "OLE.TimeBlockList", Array)
```

Values

Array has the following structure:

Pos	Name	Type	Description	Default
<0, 1>	Entity ID	Text	ID of the entity to which the time block belongs	""
<0, 2>	ID	Text	The unique key ID of the time block used to identify it in other properties, methods, and events	""
<0, 3>	Start Date & Time	Decimal	The time block's start date & time in OI internal format	0.0
<0, 4>	End Date & Time	Decimal	The time block's end date & time in OI internal format	0.0
<0, 5>	Back Color	Color	The color of the time block	Select L=90
<0, 6>	Fore Color	Color	The color of the time block's text	SelectText
<0, 7>	Caption	Text	The time block's caption	""

Remarks

The TimeBlockList property contains all the time blocks stored in the control. Each field in the list represents a single time block. This property is a replacement to the [EntityTimeBlocks](#) property, which wasn't flexible enough for some needs. This property creates time blocks that have the same flexibility as appointments.

A time block is associated to an existing entity by that entity's ID. Therefore, you must call [EntityList](#) prior to calling TimeBlockList. The next value is the time blocks's ID.

Each time block MUST have a completely unique ID. This ID is used elsewhere to quickly identify any time block. IMPORTANT! Keys are case sensitive. For example, "Key" is different than "KEY".

TIP: Avoid using semi-colons in your IDs or some properties will not work correctly.

The start and end times use OI's internal format for date & time, thus you will have to IConv your data if it's not already in this format (or if your date and times are stored separately).

The colors of the time blocks are defined by the Back Color and Fore Color values.

Currently, time blocks can show a a single caption displayed in the center. It may be multilined.

Example

```

Declare function Min, Max

Caption = "Hello, World!"
ForeColor = "RGB{255, 255, 255}"

// Create random time blocks for the next 30 days
TimeBlocks = ""
ID = 0
For i = 1 to 30
    Count = 0
    CurrDate = Date() + i
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey1-1":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey1-2":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey2-1":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey2-1-1":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey2-1-1":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey2-1-2":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
    TimeBlocks<-1> = "EntityKey2-1-2":@VM:ID:@VM:StartTime:@VM:EndTime:@VM:BackColor:@VM:ForeColor:@VM:Caption
    Count = Count + 1; ID = ID + 1
    GoSub Get_Random_Data
Next i

// Add the time blocks
Set_Property(@Window:".OLE_SCHEDULE", "OLE.TimeBlockList", TimeBlocks)

Get_Random_Data:

    // Generate random times
    Time1 = Rnd( 48 ) * 1800
    Time2 = Rnd( 48 ) * 1800

    // Convert to OI Internal DT format
    StartTime = IConv(OConv(CurrDate - Rnd(2), "D4/") : " " : OConv(Min(Time1, Time2), "MTS"), "DT")
    EndTime = IConv(OConv(CurrDate, "D4/") : " " : OConv(Max(Time1, Time2), "MTS"), "DT")

    // Generate random back color
    BackColorHue = Rnd(256)
    BackColor = "HSL{":BackColorHue:", 127, 45}"

return

```

See Also

[EntityList](#), [AddTimeBlocks](#), [RemoveTimeBlocks](#)