

## Schedule/VBX Demo Readme File

This is Version 1.00 of the Schedule/VBX Demo.

Schedule/VBX is a Visual Basic Custom Control that will add Resource Scheduling to your applications with the Click of a button. A DisplayMode property shows Year, Month, Week and Day at a glance as well as a Resource View for data entry.

Schedule/VBX is a professional "front-end" scheduling display for all your visual scheduling needs. You can quickly and easily add complete scheduling to your applications with just a few lines of code. Use it for employee work schedules, vacation schedules, conference room scheduling, appointment scheduling, personal information managers and on and on.

> Visually Interactive - lets your users alter and play with their schedules using drag and drop technology.

> Set over 200 properties to get the look and feel you want. Change anything from fonts, colors and bevels to timescales, bars and columns.

> Attach code to over 80 events. Respond to mouse clicks, bar movements, scrolling and more.

### FEATURES

#### > Visually Interactive

Change Bar Start, End and Duration using drag and drop. Resize columns, control areas and row heights using point and click.

#### > Timescales

Minutes, Hours, Days, Weeks, Months, Quarters and Years. Dozens of formats to choose from. Complete sizing, scaling and formatting.

#### > Bars

Color, Size, Offset and Pattern. Beginning and Ending Symbols. Text Above, Below, Left, Right, In Bar Centered, In Bar Right and In Bar Left. Text Font, Color and Size. Adjustable settings from full to begin only, end only or not adjustable at all. Define up to 16,384 bars.

#### > Resources

Name, Default Bar, Line Height, Color, Font, User1, User2, User3 and User4 string fields. List sorting, save and load built in. Store up to 16,384 resources.

#### > Time Blocks

Resource Number, Beginning Date/Time, Ending Date/Time, Duration, Bar, Group, User1, User2, User3 and User4 string fields. Store up to 16,384 time blocks.

#### > Property Dialogs

Complete dialogs to help you easily and quickly setup the control. Timescales Dialog, Bars Dialog, Legend Dialog, TimeBlock Dialog, Resource Dialog, Columns Dialog and more.

#### > Events

Bar Double Click, Bar Single Click, Timescale Single Click, Timescale Double Click, DragDrop, DragOver, Display Mode Changed and more.

#### > Legend

Title, Position (left, right, top or bottom), Size, Type (resource or bar), Background color and Bevel setting.

> Printing Too!

Screen Print as well as complete multi-page Chart Print. Adjust header, footer, margins, text and pagination.

> DLL Calls

AddResource, AddTimeBlock, FindTimeBlock, FindFreeTimeBlock and more.

Adding scheduling to your applications has never been easier - or more powerful! One click gives you professional, interactive scheduling with the flexibility and customization that every programmer craves.

Order today and start scheduling tomorrow!

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About the Schedule/VBX Demo:

The Schedule/VBX control supplied with this demo does not contain any printing capabilities or design-time help file and only allows a maximum of 10 TimeBlocks to be loaded into the control. When you order the fully operational version of Schedule/VBX it will contain full printing (both Screen Print and multi-page Chart Print), complete written documentation and on-line design-time help as well as the ability to store up to 16,384 TimeBlocks.

The demo contains four complete applications that demonstrate the use of the Schedule/VBX control in several "real world" settings. There is an Employee Vacation Scheduler, a Conference Room Scheduler, A Doctors Office Scheduler and a Visual C++ application. Try looking at each sample application and then decide which one is closest to your application. You can then make a copy of that sample and use it as a starting point. Each sample contains a readme file, an executable file (ready to run) and complete source code (in either Visual Basic or Visual C++).

Schedule/VBX is an extremely sophisticated control. With over 200 properties and over 80 events you can get some idea of the features and functionality contained in this VBX control! This demonstration is meant to whet your appetite. To fully use the control in a design-time environment requires the printed and on-line documentation that comes with the fully operational control. The documentation comes with a complete tutorial (one for both Visual Basic and Visual C++), complete Properties reference, Events reference and DLL Calls reference.

We hope you enjoy using Schedule/VBX. If you need to add scheduling to your applications then this is the control that can do the job.

## SAMPLES

Sample 1 - Visual Basic - Vacation Scheduler

Sample 1 is a complete Employee Vacation Scheduling application. It allows you to enter Employees and Vacations and then displays the vacations in a Yearly, Monthly, Weekly or Employee View. It also demonstrates drag and drop onto the Schedule/VBX control.

## Sample 2 - Visual Basic - Conference Room Scheduler

Sample 2 is a complete Conference Room Scheduling application. It lets you enter Conference Rooms (complete with bar definitions) and Meetings. The Meetings are then displayed in a Monthly, Weekly and Daily format. This application also demonstrates the use of drag and drop both to and from the Schedule/VBX control. Dragging to the control lets you add meetings of 15 minutes, 30 minutes, 45 minutes and 1 hour. Dragging a bar from the control lets you drop it on buttons that display a meetings information or notes or lets you delete the meeting.

## Sample 3 - Visual Basic - Doctors Appointment Scheduler

Sample 3 is a complete Scheduling system for a clinic with multiple Patients, Doctors and Examination Rooms. It demonstrates the use of Bar coloring to represent additional information about a schedule - in this case the Examination Room assigned to the appointment. It will present a list of Doctors and the appointments scheduled by patients for that Doctor. It will also allow the User to set which Examination Room the patient has been assigned to.

## Sample 4 - Visual C++ - View / Dialog Demonstrator

Sample 4 is a Visual C++ sample application designed to demonstrate the use of Schedule/VBX within the Visual C++ environment. It shows how to create a Schedule/VBX control both in a view window at run-time and in a dialog at design-time. The "View" menu will let the User select between several viewing modes for the control. You can also invoke multiple instances of the control and set each to a different view. The OnSize function is also overridden and used to resize the Schedule/VBX control to the size of the view client area. There is also an example of using the control within a Dialog.

## Schedule/VBX Properties & Events:

### > Standard Properties:

- CtlName
- Index
- Left
- Top
- Width
- Height
- Visible
- Parent
- hWnd
- Tag
- Caption
- BorderStyle
- TabIndex
- TabStop
- BackColor
- HelpContextID
- DragIcon
- DragMode

### > General Properties:

- MasterDialog
- GeneralDialog
- About
- DisplayMode

HeaderHeight  
BevelHighlightColor  
BevelShadowColor  
BevelWidth  
GridMajorColor  
GridMajorThickness  
HInstance  
ProcessTab  
ReDraw  
ScrollBarColor  
ScrollBarWidth  
CurrentTimeColor  
CurrentTimeLine

> Timescales:

TimescalesDialog  
TSThumbWindows  
TSBackColor()  
TSBevel()  
TSGridColor()  
TSGridThickness()  
TSMajorPercent()  
TSMajorTickSize()  
TSSizeToTick()  
TSSize()  
TSMajor()  
TSMajorCount()  
TSMajorFontColor()  
TSMajorFontName()  
TSMajorFontSizePercent()  
TSMajorFontBold()  
TSMajorFontItalic()  
TSMajorFontOrient()  
TSMajorFormat()  
TSMajorGrid()  
TSMajorGrid()  
TSMajorGrid()  
TSMajorCount()  
TSMajorFontColor()  
TSMajorFontName()  
TSMajorFontSizePercent()  
TSMajorFontBold()  
TSMajorFontItalic()  
TSMajorFontOrient()  
TSMajorFormat()  
TSMajorGrid()  
TSRulerLarge()  
TSRulerSmall()  
TSRulerColor()  
TSDateTimeBeg()  
TSDateTimeEnd()  
TSDateTimeView()

> Bars:

BarsDialog  
BarsMax  
BarMoveTextFormat

BarName()  
BarSize()  
BarOffset()  
BarColor()  
BarPattern()  
BarAdjustable()  
BarTextPosition()  
BarTextField()  
BarTextFormat()  
BarTextClip()  
BarFontColor()  
BarFontName()  
BarFontSizePercent()  
BarFontBold()  
BarFontItalic()  
BarBegSymbol()  
BarBegType()  
BarBegColor()  
BarBegSize()  
BarBegOffset()  
BarEndSymbol()  
BarEndType()  
BarEndColor()  
BarEndSize()  
BarEndOffset()

> Resource Header:

ResHdrDialog  
ResHdrBackColor  
ResHdrBevel  
ResHdrFontColor  
ResHdrFontName  
ResHdrFontSizePercent  
ResHdrFontBold  
ResHdrFontItalic  
ResHdrGridColor  
ResHdrGridThickness  
ResHdrResize

> Resource Columns:

ResColDialog  
ResColMax  
ResColField()  
ResColFormat()  
ResColLabel()  
ResColWidth()  
ResColAlignment()  
ResColVisible()  
ResColFrozen()  
ResColEditable()  
ResColResizable()

> Resource List:

ResDialog  
ResMax  
ResView

ResWidth  
ResUnusedBackColor  
ResBevel  
ResGridColor  
ResGridThickness  
ResWidthResize  
ResLineResize  
ResCurrentCol  
ResCurrentRow

> Resource Array:

ResName()  
ResBarDefault()  
ResUser1()  
ResUser2()  
ResUser3()  
ResUser4()  
ResLineHeight()  
ResBackColor()  
ResFontColor()  
ResFontName()  
ResFontSizePercent()  
ResFontBold()  
ResFontItalic()

> Resource Methods:

ResClear  
ResDelete()  
ResInsert()  
ResIsEmpty()  
ResNextEmpty  
ResSort  
ResLoad  
ResSave

> TimeBlock Header:

TBHdrDialog  
TBHdrBackColor  
TBHdrBevel  
TBHdrGridColor  
TBHdrHeight

> TimeBlock Columns:

TBColDialog  
TBColMax  
TBColField()  
TBColFormat()  
TBColLabel()  
TBColWidth()  
TBColAlignment()  
TBColVisible()  
TBColFrozen()  
TBColEditable()  
TBColResizable()

> TimeBlock List:

TBDialog  
TBMax  
TBHeight  
TBLineHeight  
TBView  
TBWidth  
TBBackColor  
TBBevel  
TBGridColor  
TBFontColor  
TBFontName  
TBFontSizePercent  
TBFontBold  
TBFontItalic  
TBCurrentCol  
TBCurrentRow

> TimeBlock Array:

TBResource()  
TBBeg()  
TBEnd()  
TBDur()  
TBar()  
TBGroup()  
TBUser1()  
TBUser2()  
TBUser3()  
TBUser4()

> TimeBlock Methods:

TBClear  
TBClearRes  
TBDelete()  
TBIsEmpty()  
TBNextEmpty  
TBLoad  
TBSave

> Schedule Bar Area:

SchedDialog  
SchedBackColor  
SchedBevel  
SchedGridColor  
SchedGridThickness

> Legend:

LegendDialog  
LegendTitle  
LegendPosition  
LegendSize  
LegendItemHeight  
LegendType  
LegendBackColor  
LegendBevel  
LegendView  
LegendResize

> Printing:

PrintHeader  
PrintFooter  
PrintWidth  
PrintHeight  
PrintLeftMargin  
PrintTopMargin  
PrintRightMargin  
PrintBottomMargin  
PrintHeaderHeight  
PrintHeaderText  
PrintHeaderTextHeight  
PrintFooterHeight  
PrintFooterText  
PrintFooterTextHeight

> Events:

BarBegDoubleClick  
BarBegRightDoubleClick  
BarBegRightSingleClick  
BarBegSingleClick  
BarDoubleClick  
BarEndDoubleClick  
BarEndRightDoubleClick  
BarEndRightSingleClick  
BarEndSingleClick  
BarMidDoubleClick  
BarMidRightDoubleClick  
BarMidRightSingleClick  
BarMidSingleClick  
BarRightDoubleClick  
BarRightSingleClick  
BarSingleClick  
CellDoubleClick  
CellGotFocus  
CellLostFocus  
CellRightDoubleClick  
CellRightSingleClick  
CellSingleClick  
DisplayModeChanged  
DragDrop  
DragOver  
GotFocus  
HeaderHeightChanged  
InsertModeChanged  
KeyDown  
KeyPress  
KeyUp  
LegendDoubleClick  
LegendSingleClick  
LegendSizeChanged  
LostFocus  
MouseDown  
MouseMove  
MouseUp

ResChanged  
ResColResized  
ResHdrDoubleClick  
ResHdrRightDoubleClick  
ResHdrRightSingleClick  
ResHdrSingleClick  
ResHeightChanged  
ResScrollPastBeg  
ResScrollPastEnd  
ResViewChanged  
ResWidthChanged  
SchedBackDoubleClick  
SchedBackRightDoubleClick  
SchedBackRightSingleClick  
SchedBackSingleClick  
TBBegChanged  
TBChangeBegin  
TBChanged  
TBDurChanged  
TBEndChanged  
TBPullDown  
TBPullDownEnd  
TS0DateTimeViewChanged  
TS0MajorDoubleClick  
TS0MajorRightDoubleClick  
TS0MajorRightSingleClick  
TS0MajorSingleClick  
TS0MinorDoubleClick  
TS0MinorRightDoubleClick  
TS0MinorRightSingleClick  
TS0MinorSingleClick  
TS0ScrollPastBeg  
TS0ScrollPastEnd  
TS0SizeChanged  
TS1DateTimeViewChanged  
TS1MajorDoubleClick  
TS1MajorRightDoubleClick  
TS1MajorRightSingleClick  
TS1MajorSingleClick  
TS1MinorDoubleClick  
TS1MinorRightDoubleClick  
TS1MinorRightSingleClick  
TS1MinorSingleClick  
TS1ScrollPastBeg  
TS1ScrollPastEnd  
TS1SizeChanged

> DLL Calls:

AddBar()  
AddResource()  
AddTimeBlock()  
FindTimeBlock()  
FindFreeTimeBlock()  
ResourceNum()  
PointToTime()  
TimeToPoint()

PointToResource()  
ResourceToPoint()  
PointToLegend()  
LegendToPoint()  
PointToBar()  
FontNum()  
FontName()

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