

Sample Files for *Visual Basic for Applications Programming in Microsoft Project*

The following is a list of the sample files provided with the *Visual Basic for Applications Programming in Microsoft Project* session at VBITS'94.

Filename	Description
README.WRI	This file.
PJ_VBA1.TXT	AdjustDates Sample
PJ_VBA2.TXT	DurationAdder Sample
PJ_VBA3.TXT	InTaskView Function Sample
PJ_VBA4.TXT	Siblings Sample
PJ_VBA5.TXT	DisplayField Sample
PJ_VBA6.TXT	TaskNamesField Sample
PJ_VBA7.TXT	AssignmentsOverTime Sample

AdjustDates Sample (PJ_VBA1.TXT)

This example prompts the user for a new start date for the project. If the new start date is greater than the old start date, then it will go through and adjust the dates of all of the constrained tasks and then adjust the start date for the project.

It shows how you can use the Scheduling Methods of the Application object to perform date arithmetic.

DurationAdder Sample (PJ_VBA2.TXT)

This example prompts the user for a duration by which to increase the currently selected task's duration.

It shows how you can access field information of a task and manipulate duration values as numbers.

InTaskView Function Sample (PJ_VBA3.TXT)

This function checks the current view name versus the list of task views. If the current view name is found in the list, then it returns True, otherwise it returns False.

Note that if this Function returns False, it does not mean that it is in a Task view. For example, the Module Editor view is neither a Task nor a Resource view.

This example shows the use of the List collections in determining the available views for a project. It also utilizes the CurrentView property of a project.

Siblings Sample (PJ_VBA4.TXT)

This example displays the names of all the tasks who share the same parent in the project's outline structure.

It uses the OutlineParent property and the OutlineChildren collection to navigate the hierarchy of the project's outline structure.

Display Sample (PJ_VBA5.TXT)

This example displays the value contained in the field entered by the user for the selected resource.

It illustrates the use of the GetField method to access a field at run-time.

TaskNamesField Sample (PJ_VBA6.TXT)

This example places the names of the tasks which each resource is working on in the Text1 field of the resource. It is basically the reciprocal of the Resource Names field of a task which is automatically built-in to Microsoft Project.

The Assignments collection is used in this example to generate the names of the tasks being worked on by the resource.

AssignmentsOverTime Sample (PJ_VBA7.TXT)

This example produces a text file containing the assignment information of the project over time. This text file could be loaded into Microsoft Excel for further analysis.

The TimescaledData method is used to produce the output of the sample.