

# Tutorial: Icorporating Sound





**The objective of this tutorial is to learn how to incorporate basic sound effects into VB applications. At the end of this tutorial you should be able to:**

* Locate and add the MMControl VBX to a Visual Basic project.
* Add a MMControl to a form and control it through code.
* Play simple .WAV files included with Windows or Windows 95.

## ***Task***

1. Before incorporating any sound into a VB application, the MMControl  must be loaded into the toolbox. If it is not there already there are two ways to obtain it: 1) start a new project making sure to select **VB Professional Edition Controls**, or 2) if working with an existing project goto **Project/Components...**, look down the list for **Microsoft Multimedia Control 5.0** and select it.
2. Select the MMControl from the toolbox and place it on a form (a short wide rectangle). Now go to the Properties window and set PlayEnabled, PlayVisible, StopEnabled, StopVisible, PauseEnabled, PauseVisible, PrevEnabled and PrevVisible all to **True**. For the current example we will not need any of the other settings on the MMControl. Your control should now look like:  
   
3. Assign the MMControl a suitable name and enter as the Filename **C:\WINDOWS\MEDIA\CHORD.WAV**. Also, set the DeviceType to **WaveAudio**.
4. Even though we have now assigned the control a filename to play (one of the WAV files which comes as standard with Windows), we still need to do a little more before we run the program. The first thing is to double click on the form to bring up a code window. Then in the **Load** event enter the following code:  
   **Private Sub Form\_Load ()  
    MMControl1.Notify = False  
    MMControl1.Wait = False  
    MMControl1.Shareable = False  
    MMControl1.Command = "Open"  
   End Sub**  
   An extra line in the form **Unload** event is also needed:  
   **Private Sub Form\_Unload (Cancel As Integer)  
    MMControl1.Command = "Close"  
   End Sub**
5. Try running the program now. To actually hear the .WAV file click on the play button. The Stop and Pause buttons work in a similar way to a tape recorder. Remember that after hearing a file you have to rewind it before you play it again.

**Note:** If you want to play .MID files you must change the DeviceType of the MMControl to **Sequencer**. Or if you want to play Audio CD tracks then you must change the DeviceType to **CDAudio**.

 [Tutorial 10](http://docs.google.com/tut8b.html) ( Animation and Graphics )

 [Menu](http://docs.google.com/dvbhome.html)