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Thread: [Naudio Second Audio File Loop for x Time](#)

OneTXxL - February 10, 2016, 10:51 am

Hello I encounter a problem during my development, I would like the second audio file is played in a loop but with a waiting time between loops.

I tried LoopStream or For Each, but it did not succeed. Thank you kindly help me

```
Code Private Sub button1_Click(sender As Object, e As EventArgs)
```

```
' read mp3 files from disk
```

```
Dim mpbackground As New Mp3FileReader("D:\song1.mp3")
```

```
Dim mpMessage As New Mp3FileReader("D:\song2.mp3")
```

```
'convert them into wave stream or decode the mp3 file
```

```
Dim background As WaveStream =
```

```
WaveFormatConversionStream.CreatePcmStream(mpbackground)
```

```
Dim message As WaveStream =
```

```
WaveFormatConversionStream.CreatePcmStream(mpMessage)
```

```
Dim mixer = New WaveMixerStream32()
```

```
mixer.AutoStop = True
```

```
Dim messageOffset = background.TotalTime
```

```
Dim messageOffsetted = New WaveOffsetStream(message, TimeSpan.FromSeconds(10),  
TimeSpan.Zero, message.TotalTime.Subtract(TimeSpan.FromSeconds(30)))
```

```
Dim background32 = New WaveChannel32(background)
```

```
background32.PadWithZeroes = False
```

```
' set the volume of background file
```

```
background32.Volume = 0.4F
```

```
'add stream into the mixer
```

```
mixer.AddInputStream(background32)
```

```
Dim message32 = New WaveChannel32(messageOffsetted)
```

```
message32.PadWithZeroes = False
```

```
' set the volume of 2nd mp3 song
```

```
message32.Volume = 0.6F
```

```
mixer.AddInputStream(message32)
```

```
Dim wave32 = New Wave32To16Stream(mixer)
```

```
'encode the wave stream into mp3
```

```
Dim mp3Stream = ConvertWavToMp3(wave32)
```

```
' write mp3 on the disk
```

```
File.WriteAllBytes("D:\output.mp3", mp3Stream.ToArray())
```

```
End Sub
```

```
''' it converts a wave stream into mp3 stream
```

```
Public Shared Function ConvertWavToMp3(wavFile As Wave32To16Stream) As MemoryStream
```

```
Using retMs = New MemoryStream()
```

```
Using wtr = New LameMP3FileWriter(retMs, wavFile.WaveFormat, 128)
```

```
wavFile.CopyTo(wtr)
```

```
Return retMs
```

```
End Using
```

```
End Using
```

```
End Function
```

[Mixing two mp3 or wav files using NAudio and Lame](#)
[NAudio Codeplex](#)