

Re: dial a telephone number using the modem, and playing an audio file when the person lifts up telephone

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*Source:* <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2005-08/msg02099.html>

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- *From:* Kurt Grittner <[grittkmg\\_NO\\_SPAM\\_@xxxxxxxxxxx](mailto:grittkmg_NO_SPAM_@xxxxxxxxxxx)>
  - *Date:* Tue, 30 Aug 2005 09:23:51 -0500
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Hi Sunnf,

This sort of thing would best be handled by a DSP based solution. You need a DTMF library, a codec to attach your sound card output to, code that can detect answer supervision on the phone line, and an RS232 connection to your PC so that you can issue dialing commands and tell it when to bridge the codec onto the phone circuit.

You need an electrical engineer who can tell you what pieces to buy. Doing it the right way would cost considerable amounts of cash for R & D however.

Or you could get an EE student to hand wire a homebrew project for you. The sound card output is analog but needs amplification. Then you need to go offhook on an extension when you get answer supervision from the central office (CO).

Cheers,

- Kurt

On Tue, 30 Aug 2005 09:07:08 +0800, "sunnf" <[sunnfcn@xxxxxxxxxxx](mailto:sunnfcn@xxxxxxxxxxx)> wrote:

>I wanted to make a vb application which would dial a telephone number using  
>the modem. When the person on the other end lifts up the telephone (answers  
>the phone), the application should start playing an audio file(eg. .wav  
>file).

>

>The approach I took was using the Tapi. As my modem is connected to the  
>serial port on my computer I send AT commands to make the phone call . This  
>is working fine and the call is being placed.

>

>I wanted to know whether this is possible at all? Whether I am approaching

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>the wrong way? If it is possible, then please give some suggestions or  
>samples(vb or vc). If it is not possible, then what is the best way to do  
>so  
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• **References:**

- ◆ ***dial a telephone number using the modem, and playing an audio file when the person lifts up telephone***

◇ From: sunnf

- Prev by Date: ***Re: Getting the path of Temporary Internet Files***
- Next by Date: ***How can I write directly to a CD from within my app in a standard format?***
- Previous by thread: ***Re: dial a telephone number using the modem, and playing an audio file when the person lifts up telephone***
- Next by thread: ***Re: dial a telephone number using the modem, and playing an audio file when the person lifts up telephone***
- Index(es):
  - ◆ ***Date***
  - ◆ ***Thread***

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