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Play strangely beautiful sounds by moving the mouse.   One direction contols pitch; another direction changes volume.
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Menu Commands

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Saves all control settings

Saves current control settings and ends program

Displays dialog window with control settings for expert users

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Explains the shareware concept

Click here to view register your shareware, or to view registration information

Displays general information about the program

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Mono
Stereo
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16 Bit
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Play at start-up

Limits maximum volume during Play

Limits maximum pitch during Play

Click this to begin Play.

Click here to stop sound.

Adjusts sound to 22kHz sampling rate

Adjusts sound to 44kHz sampling rate

Makes sound output mono instead of stereo

Makes sound output stereo instead of mono

Creates sounds 8-bit resolution

Creates sound with 16-bit resolution

Makes this program an icon at start-up

Troubleshooting

Why don't I hear any sound?
First, verify that your sound card plays sounds with other programs.   For instance, use Media Player, which comes with Windows 3.1, to play a .WAV file.   If you still don't hear any sounds, refer to your sound card manual.   Good luck.

I can't make the sound loud enough with the Volume control
Many sound cards come with a Mixer program applet which allows the user to individually control the volume of various resources on the sound card, such as digital sound output channel, MIDI, AUX, etc.   If your sound card has such a mixer, try to adjust the channel variously labelled: .WAV Output, Digital sound Output, or something similar.   Also, usually one control is used to adjust ALL the sound outputs together.   Play with both these controls to get the desired sound volume range.

On Win95 systems, the mixer settings may be adjusted by double-clicking on the Volume icon at the far right of the TaskBar at the bottom of the screen.   If your taskbar does not have a volume control, double-click the My Computer icon, then Control Panel, then Multimedia, then click on the "Show volume control on the taskbar" checkbox on the Audio dialog tab.

Why so much delay in sound after moving mouse?
Users may notice a delay between moving the mouse and hearing the corresponding tone. This is a side-effect of using digital sound output with Windows.   We plan to reduce this delay to imperceptible levels in future versions of our program.

Why do I hear a clicking sound (or other noise)?
Let us know if you hear strange noises.   We try to test this software with many different sound cards, but many more are being sold.   We welcome bug reports. Our email address is sells@sagebrush.com .

Also, if you hear clicks, try changing your sound card's dma buffer size in the sound card set-up program, if your sound card supports this feature.

Advanced Topics

How Does MouSing Work?

MouSing   uses the digital sound output capabilities of your sound card.   (There are easier ways, but they are not guaranteed to be compatible with all sound cards.   Using digital sound assures compatibility with Windows.)

In other words, MouSing uses the same resources as playing a .WAV file.   Some musicians and other users may notice a delay between moving the mouse and hearing the corresponding tone.   This is a side-effect of using digital sound output with Windows. Hopefully, this delay will be reduced to imperceptible levels in future versions of our program.

What is a Theremin?

MouSing was inspired by the theremin, a unique electronic musical instrument invented prior to 1921 by Leon Theremin.   The theremin is played by moving hands near two antennas to vary pitch and volume.   The theremin was the world's first electronic music instrument, and is regarded as an ancestor of the keyboard synthesizer.

Now I'm Interested in Theremins.   More Info?

If you have Web access, pointers to several sources of theremin information may be found at:

> http://www.sagebrush.com/~sells/theremin.htm

If you can get to the Web, check the URL above for latest information.

Theremins and theremin kits may be purchased from
> Big Briar, Inc.
> 554-C Riverside Drive
> Asheville, NC   28801

or

> PAiA Electronics, Inc.
> 3200 Teaksood Ln
> Edmond, OK   73013

Here are some articles for constucting your own theremin:
Fisher and Wilkinson, "Build the Optical Theremin", Electronic Musician, May 1995.
Rothman, "Constructional Project- Simple Theremin", Everyday Electronics, September, 1995.

Plans for building your own Theremin can be obtained from this FTP site (paths may change due to the mutagenic properties of the Internet)
> ftp.ee.ualberta.ca   /pub/cookbook/misc/theremin.txt:

We haven't tried any of these sources yet.   Proceed with due diligence.   (Addresses current as of date of writing.)

Look, No Wires

One unique property of the Theremin is that you do not actually touch the instrument.   With MouSing, you are usually tethered to a computer with a mouse. Gyration, Inc. of Saratoga, California, offers the GyraPoint Pro, a wireless RF mouse with a built-in gyroscope which allows the user freedom of movement;   no desktop required. (Not an endorsement, information purposes only.)

Shortcuts and Expert User Info...

Sound stops when MouSing is not the focus window.   One may stop sound by clicking on any other window or the desktop.

To toggle between Play and Stop, use the right mouse button   when the application is minimized: just right-click on the icon.

MouSing can accept a command-line switch to begin listening immediately.   This is useful to start up MouSing from some other program like a Windows-batch utility or time-scheduler. If this filename argument is present, MouSing starts playing immediately after initialization. The command invocation looks like:

        <path>\mousing   /P

What Is Shareware?

Shareware distribution gives users a chance to try software before buying it.   If you try a Shareware program and continue using it, you are expected to register.   Individual programs differ on details -- some request registration while others require it, some specify a maximum trial period.   With registration, you get anything from the simple right to continue using the software to an updated program with printed material.

Copyright laws apply to both Shareware and commercial retail software, and the copyright holder retains all rights, with a few specific exceptions as stated below.   Shareware authors are accomplished programmers, just like commercial authors, and the programs are of comparable quality.   (In both cases, there are good programs and bad ones!)   The main difference is in the method of distribution.   The author specifically grants the right to copy and distribute the software, either to all and sundry or to a specific group.   For example, some authors require written permission before a commercial disk vendor may copy their Shareware.

Shareware is a distribution method, not a type of software.   You should find software that suits your needs and pocketbook, whether it's commercial or Shareware.   The Shareware system makes fitting your needs easier, because you can try before you buy.   And because the overhead is low, prices are low also.   Shareware has the ultimate money-back guarantee -- if you don't use the product, you don't pay for it.

Registration and Support

You are permitted to use the unregistered shareware version of MouSing for 30 days.   If you wish to use this product beyond the 30 day trial period, you must register.   License agreement.

Purchasing the registered version of MouSing gives these benefits:

•   Registration is the right thing to do.   Registering allows us to continue upgrades to the program and introduce new products.
•   The latest and greatest version of this program.
•   Free updates for all 1.x and 2.x releases of this program. (Modest shipping charge.)
•   Both the Win31 and Win95 versions of MouSing.
•   Free mail support, and free e-mail support at sells@sagebrush.com .
•   E-mail upgrade announcements and new product announcements.

 We offer these ways to register:

•   Send a check or money order by mail.   We really appreciate when our customers use this order method, as it keeps our overhead costs low so we can continue to offer quality products at a low price. The price using this method of payment is $15.00, and shipping and handling charges are waived for orders inside North America.   Registration form.

•   Credit card processing: You can order with MasterCard, Visa, American Express, or Discover from PsL, Public (software) Library, by calling 800-2424-PsL or 713-524-6394 or by FAX to 713-524-6398 or by CIS Email to 71355,470.   You can also mail credit card orders to PsL at P.O Box 35705, Houston, TX 77235-5705.   THESE NUMBERS ARE FOR ORDERS ONLY!!!!   Any questions about the status of shipment of the order, refunds, registration options, product details, technical support, volume discounts, dealer pricing, etc.,   must be directed to Sagebrush Systems, P.O Box 3094, Corrales, NM 87048, sells@sagebrush.com .   To insure that you get the latest version, PsL will notify us the day of your order and we will ship the product directly to you.   The price using this method of ordering is $15.00 plus $5.50 shipping and handling, or $6.50 shipping outside the U.S.   Refer to item number #14344.
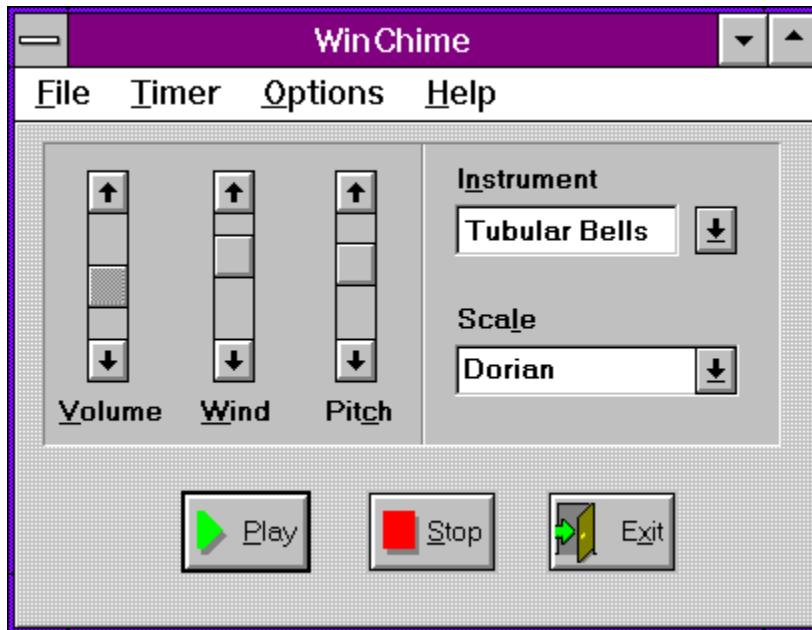
More Neat Stuff...

If you like this program (or even if you don't), be sure to check out these other software titles from Sagebrush Systems!

WinChime for Windows

Relax to the peaceful sounds of wind chimes, as simulated with the MIDI capabilities of your sound card.   Sound parameters are easily changed to fit your particular mood. A built-in timer can control on and off events to keep sounds interesting.   This is a gentle way to mask out unwanted noise in the home or office.   Requires Windows 3.1

Available on the Internet at ftp.cica.indiana.edu /pub/pc/win3/sounds as wchime11.zip (where '11' is a version number that is subject to change).   Also available wherever finer shareware titles are distributed.

AppLaud for Windows

Impress your friends!   Turn your sophisticated multimedia computer into one of those gadgets-that-turn-things-on-and-off-by-clapping-your-hands.   Applaud runs in the background, monitoring your sound card microphone input and detecting the noise signature of clapping.   Different programs can be launched for two-clap and three-clap signals.   A special "stealth mode" is implemented for the Sound Blaster 16 and some compatible sound cards, to allow simultaneous listening and sound output.   Sound card with Autmatic Gain Control (AGC) microphone input strongly recommended.

AppLaud Unregistered
File   Options   Help

8
2-Clap Task
dosprmpt.pif /c dir/w

3-Clap Task

Clap   Peak
Level   Meter

▶ Listen   ■ Stop   Advanced...

Stlth   Hint

Available on the Internet at ftp.cica.indiana.edu /pub/pc/win3/sounds as applau10.zip
(where '10' is a version number that is subject to change).

More great programs appearing soon!
We are currently developing more shareware and commercial-ware software applications for
Windows 3.1 and Windows 95.   For you Internet surfers, a WEB page is available at
        http://www.sagebrush.com/~sells/
or you can email
        sells@sagebrush.com
to request for more details.   Or better yet, register this software and get our latest product
catalog and request to be on our e-mail list for new announcements!

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Getting Started

Chances are, your system is already set up correctly for sound output if you have a sound card installed.   Go ahead and try out   MouSing by clicking on the   Play button.   If you hear acceptable sound after adjusting the Volume-limit slider control, you are all set!   Otherwise, refer to the procedure detailed under "Troubleshooting".

Press the Play button.

Moving the mouse to the right increases pitch.
Moving the mouse to the left decreases pitch.
The pitch slider control limits the maximum pitch.

Moving the mouse up increases volume.
Moving the mouse down descreases volume.
The volume slider control limits the maximum volume.

Note that the mouse doesn't have to be over the MouSing window.   Sound continues as long as the MouSing window is on top.

Leaves About dialog without registering

Displays help-information for this dialog

Displays information to assist registration

Starts application in Play mode.

Status Bar: Pitch | Volume | Mono/Stereo | Sampling Rate | Resolution

License Agreement

Copyright 1995 Sagebrush Systems, Inc.

All rights reserved.

Distribution License

INSTALLATION OF MouSing ON YOUR COMPUTER SYSTEM IMPLIES AGGREMENT WITH THE TERMS AND CONDITIONS BELOW.

DISTRIBUTION OF MouSing, ITS ACCOMPANYING PROGRAMS AND DOCUMENTATION IS CONSIDERED AS IS.   SAGEBRUSH SYSTEMS, INC. OFFERS NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED.   THIS INCLUDES, BUT IS NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.   UNDER NO CIRCUMSTANCES WILL SAGEBRUSH SYSTEMS, INC. BE LIABLE FOR ANY DAMAGES WHICH RESULT FROM THE USE OF THIS PROGRAM OR THE INABILITY TO USE IT.   EXCLUSION FROM LIABILITY INCLUDES, BUT IS NOT LIMITED TO, LOST PROFITS, LOST SAVINGS, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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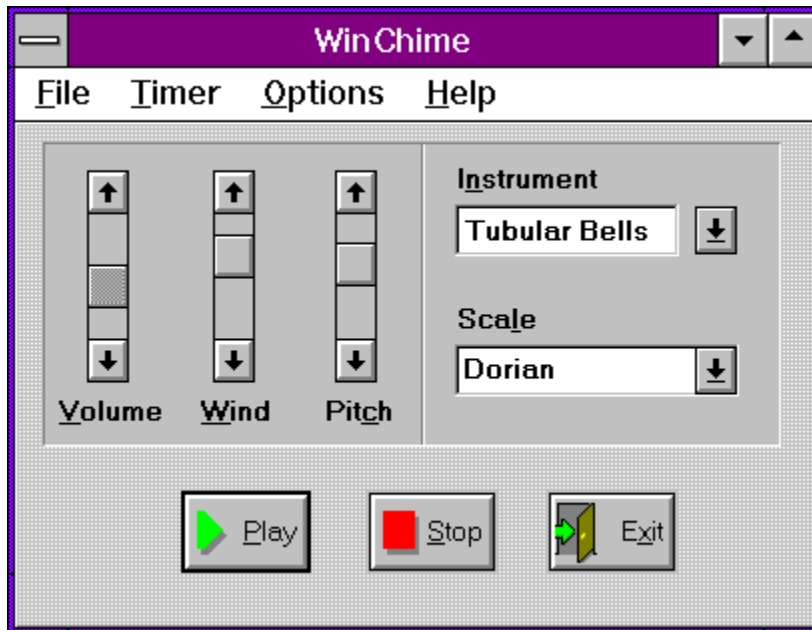
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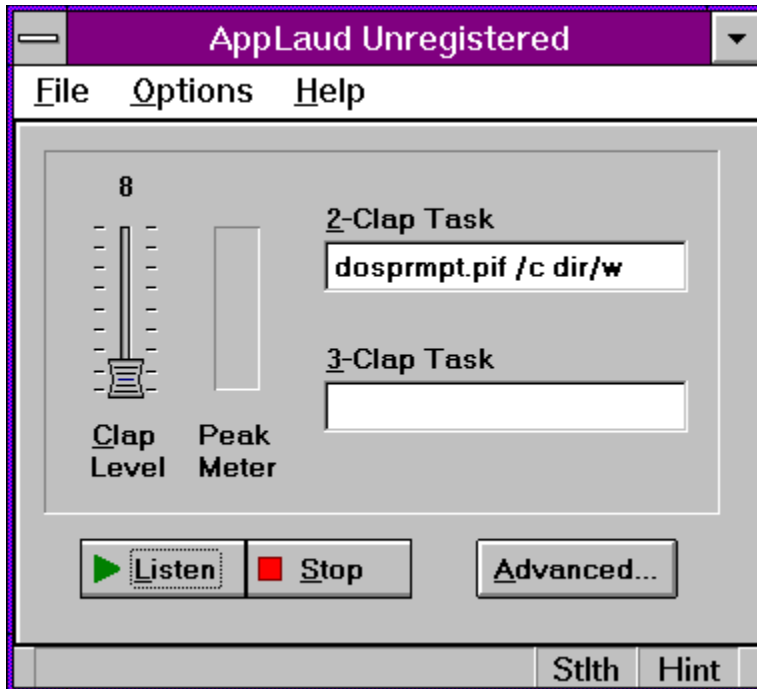
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More great programs appearing soon!

We are currently developing more shareware and commercial-ware software applications for Windows 3.1 and Windows 95.   For you Internet surfers, a WEB page is available at

http://www.sagebrush.com/~sells/

or you can email

sells@sagebrush.com

to request for more details.   Or better yet, register this software and get our latest product catalog and request to be on our e-mail list for new announcements!

MouSing v1.x/v2.x Registration form

Mail to:

        Sagebrush Systems
        P.O. Box 3094
        Corrales, NM   87048

_____
Name

_____
Address

_____
City,   State   ZIP   Country

_____
Phone Number   Internet Address

Where did you obtain your copy of this program?   (Please be specific, so we can insure all our distribution sources have the latest version.)

_____

_____   Yes, please notify me of major new releases.   (Check if applicable.)

We will send BOTH the Win31 and Win95 versions, at no extra charge, unless you indicate below:

       _____ Send only Win95 version
       _____ Send only Win31 version

Check media type:
       _____ 3.5" double density floppy
       _____ 5 1/4" double-sided double density floppy
       _____ e-mail uuencoded file (You must have uudecode, pkunzip.)

Mark payment type:
       _____ Check (drawn on a U.S. bank in U.S. funds)
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          (available at post offices world-wide)

_____ x $15.00 $_____

NM residents add $.92 gross receipts tax $_____

Outside N. America please add $2.00 shipping $_____

TOTAL
$_____

On the back of this form, please feel free to write down any comments, suggestions for improvements, bug reports, kudos, and questions.

Thank you for your order!!!!!!!!!!

Getting Started

<Getting Started>

License agreement

<License>

More Cool Stuff...
<More Neat Stuff...>

More Neat Stuff...
<More Neat Stuff...>

Registration form

<Registration form>

Troubleshooting

<Troubleshooting>