Package: Tone Pad
Version: 1.1
Date   : August 20, 1998
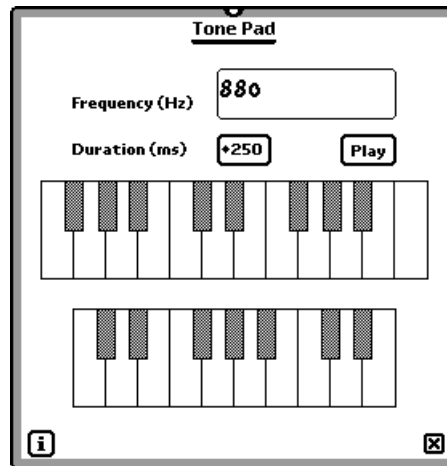Author : Len Kawamoto

About TonePad
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Tone Pad is a simple utility that acts like a combination Tone Generator and
a cheap 'C@sio' like keyboard. As a semi-musician, I often find myself in
situations where I'd like to be able to pick away at a piano or (better yet)
my horn to figure out some melody or passage of music that I'm playing with
in my head. This is a tool for such a time... if you find yourself in
similar situations, then this program may be for you.

Installing Tone Pad
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Please consult your documentation for NPI (Newton Package Installer), NCU
(Newton Connection Utilities), or any similar Newton Package installer
application. Using an application supporting Newton Package installation,
download the file (TonePad.pkg) on to your Newton device.

Using Tone Pad
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After downloading the package on to your Newton device and placing it in a
folder, select the folder and click on the Tone Pad icon. The program will
open as a floating display.

The text box next to the label "Frequency (Hz)" is called the Frequency Display
Box. This box will display the current tone that will be played or the tone
that was played via the piano keyboard. Manual selection of the frequency to be
played is done by simply writing in the desired frequency in the Frequency
Display Box. (Please note that the decimal portion of the frequency will be
dropped).

Below the Frequency Display Box, are two controls. The left control, labelled
"Duration (ms)" allows for the selection of one of the note duration length
values. Click on the picker box and choose a desired duration for the note.
Next to the duration picker is the "Play" button -- this will play the currently
selected frequency for the desired duration.

The lower portion of the display corresponds to the 'C@sio Keyboard'. On the
bottom is a row of piano keys, now covering 3 octaves for your convenience.
Pressing the keys will result in the update of the Frequency Display Box and the
note to be generated.

Finally, there are two smaller buttons on either ends of the bottom corners.
The left is the 'Info' button and the right is the close button. Pressing
the close button will close the program, while pressing the info button will
allow access to the About button, which in turn opens the about box.

Removing Tone Pad
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Open the folder that the program is stored in and simply scratch-out the
program icon... may you never find a need for this procedure.

Legal Stuff
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Tone Pad is freeware. The distribution of this program must not include any
fees not directly associated to shipping or media costs for the distribution
process. If you would like to include this program in a commercially
available collection or package, please contact the author and ask for
permission first! Any form of distribution for this program must include (or
make easily available) the following unmodified files:

        1. TonePad.pkg   The Newton Package file.

        2. TonePad.txt   The text file documentation.

                      - OR -

        TonePad.doc   The MS Word documentation.

*** This means providing the package and at least one form of documentation.

Suggestions, Bugs, and Encouragement
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Please feel free to email suggestions, bug reports, and especially words of
encouragement to me directly at the following email address:

        lkawamot@hornet.csc.calpoly.edu

(please note that this email address will be changing within a year).

                        Happy 8/20!!!

Revision History
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1.0   8/10/1998   First public release

1.1   8/20/1998   Expanded piano range to 3 octaves
                  Added note duration control

---end of file--- 08/20/1998 LNK