

Release Notes

Version 1.0 **8/10/92**

Just in time (maybe) for the NeXT CD-ROM release

Developed under NeXTstep 2.1; no 3.0 tests have been made.

24-bit JPEG compressed TIFF images test fine (NeXT folk already knew this)
32-bit Alpha TIFF images are not supported (maybe soon)

Test Files:

scape.tiff	small abstract, processed image
silly-string_jpg.tiff	metallic stringy doodles with Icon; JPEG compression
time-jpg.tiff	scanned image of watch and small fruit flies; JPEG compression
mapfunk[1-3]	logarithmically descending [1.0-0.0] functions
mapfunk4	symmetric; rises exponentially and falls logarithmically; [0.0-1.0-0.0] perhaps useful

mapfunk5

for images with strong white and black content.
symmetric; four peaks;

Version 1.1

8/11/92

Repaired map file TextField bug; application now sends MapFilePath to correct field

Repaired SavePanel cancel crashes; selecting cancel from SavePanel used to crash app

Added titles to Open and Save Panels

Added Edit panel and selectable Text in the places that I missed

Added new "Display Frequencies" Panel and options (Minimum and Maximum)

Version 1.2

8/17/92

Added system beep to signal end of transduction

Added services menu, by popular demand

Fixed DPSTimedEntry type mismatches during compilation

Fixed Help window resizing hoax

Fixed synthesis threshold functionality; settings can significantly reduce transduction time

Added two new oscillator synthesis facilities: complex harmonic tables, and user loadable oscillator tables

Added image selection boundary facilities: Xs (start point for x); Xf (finish point for x); Ys (start point for y); Yf (finish point for y)

Test Files:

piano_table
card_table

short enveloped piano sample
short, cute orchestral sample

Version 1.3

8/20/92

Fixed final updating of amplitude and duration values

Fixed **X : time** mapping bug: only 1/3 of image was being mapped with these four functions

Version 1.4

10/5/92

Added error checking for frequency distribution

Added stereo sound transduction

Added image display features

Modified oscillator table data retrieval; soundfiles, as well as raw tables are

now accepted. Mono, stereo, integer, and floating point soundfile support.

Replacement Test Files:

piano.snd	short enveloped piano sample
card.snd	short, cute orchestral sample
fluke.snd	short Metallica sample

Version 1.5 11/4/92

Added interpolation to oscillator banks;
improvement of soundfile oscillator transductions