SampleVisionDatatype

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COLLABORATORS

	TITLE : SampleVisionDatatype		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Sample Vision Datatype - Public Release 1

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1.2   INSTALLATION, REQUIREMENTS & TESTED

This datatype is tested on a Amiga 4000 with Kickstart 3.1, but it should run on all machines with Kickstart 3.0 and above. Only 32Bit Prozessors (>=68020) are supported!.

To install just copy the files

SampleVision

SampleVision.info

to the drawer

sys:devs/datatypes

and the file

SampleVision.datatype

to the drawer

sys:classes/datatypes

and reboot your machine.

1.3 Sample Vision Fileformat Information

Sample Vision is a special file format used by a tool on MS-DOS computers. It stores always mono samples in 16 Bit and can include 8 looppoints and markers.

File Extension : #?.smp (not checked by datatype)

Magic Number : "SOUND SAMPLE DATA 2.1 " (checked by datatype)

1.4 Features & TODO

FEATURES

*Decode Sample Vision file format to 8 bit sample data

*Extracts name of sample if present and uses this name for the objects name

*Normalizes the 8bit data (which is musch quicker)

METHODS

*OM_New to read from file

TODO

(near future)

*Normalize the 16 bit data for better quality (but is much slower)

*Looppoint extraction

*Low memory detection & low memory conversion

(maybe)

*Implement other methods (Write)

*Prefs and shared library for conversion & general behaviour of sound data-

types, based on a sound support library wich can convert and process sample

data. (Feel free to contact me for suggestions and help offers)

OTHER DATATYPE PROJECTS

-Maud (also released)

-MIDI Sample Dump Standard (on work)

-Yamaha TX16W Sampler File (also released)

1.5 Disclaimer & legal matters

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This datatype is Public Domain. Do whatever you want with it.

This datatype is based on the source code of the AIFF Datatype by

Olaf 'Olsen' Barthel <olsen@sourcery.han.de> which is public domain.

1.6 ACKNOWLEDGEMENT

Many thanks to Olaf 'Olsen' Barthel for his help in designing datatypes.

1.7 Bugs

BUGS

no known bugs (yet), but there is no 100% bug free software...

contact the Author for bug reports.

1.8 Author

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(feel free to contact me via E-Mail for bug reports, suggestions, projects...)