

# **SampleVisionDatatype**

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COLLABORATORS

	TITLE : SampleVisionDatatype		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

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## Chapter 1

# SampleVisionDatatype

### 1.1 Sample Vision Datatype document

Sample Vision Datatype - Public Release 1

Version 39.5 (27.12.1994)

(c) 1994 by Frank Hoffmann

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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 ( $\geq 68020$ ) 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.

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## 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 much 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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#### LEGAL MATTERS

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...)

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