

VLRec_GB

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WRITTEN BY		June 24, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

VLRec_GB

1.1 VLRec-Documentation

VLRec 1.0 - Record videos with your Zorro-VLab!!

Introduction - What's this ?
Requirements - What do I need for it ?
The~author~~ - Who wrote it ?
Usage~~~~~ - How can I use it ?
Tooltypes~~~ - What are all these tooltypes for ?
Registration - How can I get a registered version ?

1.2 Introduction

Introduction

I got a used VLab in November 1997 and was fascinated of VLabTV allowing me to watch TV on my WB - but only in 2 f/s.. Then I discovered, that there was a library called vlab.library for my VLab and developer docs.. a LiveCam for the Web was written within a day and it got 1 f/s in 24 bit on my 68040/25 including saving of JPEGs. Then I wanted to write some faster stuff than mine or that VLabTV and I also wanted to record something as I was used to do with my PCMCIA-Videomaster on my A1200 (it gets up to 25 f/s!!). But I wanted it system-friendly and easy-to-use. So I contacted Frank Mariak on a special topic of the library and he helped me a step further. So the result of some days of work is VLRec allowing you to record up to 10 f/s with a standard VLab - you can also watch TV. You get best speed with a CyberGraphX-board, but I also implemented 8bit-routines. They are slow, but you can speed them up by scaling down their size using the Tooltype AGASTEP.

Have fun!!

1.3 Requirements

Requirements

What you need to run this is following:

- Software
 - vlab.library (I only tested with V10)
 - Amiga OS 3.x or better
- Hardware
 - Any Amiga with Zorro II or III
 - A Zorro-VLab (not tested with VLab-Motion or VLab/par)
 - At least 3 MB of total RAM - the more the better

1.4 Author - #include <stdauthor.h> :)

The Author

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1.5 Usage

Usage

Using VLRec is quite easy. Start VLRec and you'll find the following buttons:

- ">"
This plays a recorded animation frame by frame.
 - "O"
If this button is checked, an anim is recorded as long as possible.
To speed up recording and get max framerate, only one frame is shown a second.
 - "W"
If this button is checked, nothing will be recorded, but you can watch your chosen input with maximum speed. Set WATCHTV to stop wasting memory, if you only want to watch TV.
 - the bar
You can navigate through your recorded animation with this.
 - status-line
The current status is shown here.
 - Inp 1 / Inp 2 / Inp 3
You can select your input of your VLab here.
-

- Save
This pops up an ASL-Requester and you can choose the filename for the 8Bit-ANIM5 that will be saved.

NOTE: If you get a display with color-errors, you are using Picasso96 or CyberGfx V2 .. there is no better way to display results on these systems.. please upgrade to CyberGfx V3.

1.6 Tooltypes and their meaning

Tooltypes

VLRec supports the following tooltypes:

- OFFSETMOVE
On some VLabs the picture might look as it was pushed to the left or the right. Try to set values between 0 and 160 to fix this. It's not a bug in VLRec but in vlab.library
- RUNONCGXWB
If VLRec doesn't recognize, that you have a 15 bit-WB or deeper, then set this tooltype.
- USEAGAROUTINES
If VLRec tries to use CyberGraphX-routines but you want to use normal Amiga-OS-Routines, then activate this tooltype
- AGASTEP
As the previews are drawn pixel by pixel it might get "a bit" slow.. a value of 5 is quite fast. Please note: The higher the value, the smaller the picture. 1 is smallest value.
- WATCHTV
This makes VLRec to only allocate memory for 11 frames instead of as much as possible. Ideal, if you want to watch TV.
- CYBERGFXV3
This activates CGX-V3-Routines for best viewing, if VLRec doesn't detect your V3-Installation automatically.

1.7 Registration

Registration

If you register VLRec the following limitations of the shareware-version are taken away:

- ANIM5-Anims are saved without the demo-text
- The watch-function can be used as long as you want without a break

The price of VLRec is only 30 DM/20 US\$. You get a key and the full-version

on a disk or via Email. You also support the development of new versions. A cutting-program with special-effects will only be done if enough people register. Simply fill out the registration-form and print it and send it to:

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Thank you for your support!