

**VLabTVDoc**

COLLABORATORS

	TITLE : VLabTVDoc		
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REVISION HISTORY

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## Chapter 1

# VLabTVDoc

### 1.1 Table of contents

VLabTV Release Version 0.4  
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#### Table of contents

At first...	Overview...
Introduction	Tooltypes
Features	
Requirements	
Installation	
Last but not least...	
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### 1.2 preface

VLabTV is one of the first cybergraphics projects I have written. It is comparable to EGSTV but does not need EGS. You need at least a VLab frame grabber and cybergraphics together with a graphics board. Then you are capable of digitizing video frames on a 15/16/24 bit intuition environment. (Have a look at vlabtvprev.jpg).

As I've already said, it's my first cybergraphics project and it is a freebie. I don't know if I continue my work on this project, it depends on your feedback.

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## 1.3 features

- Grab VLab images and display them in a 15/16/24 bit intuition environment.
- 15/16/24 bit preview monitor
- grabbed images can be saved as simple iff files.

## 1.4 requirements

This software is of use only if you are running Kickstart 3.0+ and cybergraphics. A VLab frame grabber is mandatory , of course.

## 1.5 installation

To use VLabTV you just have to click on the VLabTV icon.

## 1.6 tooltypes

### Tooltype descriptions

There are some supported tooltype parameters:

#### NOMSCRWIDTH

The nominal screen width your vlabtv screen should have.

#### NOMSCRHEIGHT

The nominal screen height your vlabtv screen should have

#### SCRDEPTH

The screen depth your screen should have. 15 is minimum

#### GRAB\_X

Horizontal startposition of the grabbed image.

#### GRAB\_Y

Vertical startposition of the grabbed image.

#### GRAB\_WIDTH

Width of the grabbed image

#### GRAB\_HEIGHT

Height of the grabbed image

#### GRAB\_INPUT

Input channel which is to be used.

#### GRAB\_VTR

if GRAB\_VTR=YES, grab source is VTR by default

#### GRAB\_LACE

If GRAB\_LACE=YES, images are grabbed interlaced by default

#### PUBSCREEN

15/16/24 bit pubscreen which VLabTV should be opened on (see preview picture)  
This only works with cybergraphics 40.41 and higher.

## 1.7 questions

If you have any questions or just have found a bug concerning VLabTV feel free to contact me via email. My email-address is as follows:

Frank Mariak, fmariak@chaosengine.ping.de

## 1.8 unnamed.1

To install VLabTV just copy the main program VLabTV wherever you want.

## 1.9 credits

I have some people to thank for their assistance in the development of VLabTV. A few of the more influential people who have contributed greatly to this effort are:

Andreas Goiczky

For his comments and testing

Olaf "Olsen" Barthel

For developing the wonderful GUI engine I used in this project.

## 1.10 copyright

### Legal and Distribution Information

This software is provided as is. Bug reports and suggestions for improvement are welcomed, and every effort will be made to evaluate such reports.

VLabTV is freely distributable provided no fee other than a moderate fee for disk copying charges is made for its acquirement. It may be distributed across any electronic network, provided no fee is charged specifically for it's download. A broad-based download fee is acceptable provided it is charged universally for all such file downloads. All associated files included with the distribution archive of VLabTV are to remain intact and unaltered. BBS listing notices and the like may be included in the archive provided no alterations are made to the actual

distribution files themselves.

This program, and all accompanying files are not public domain. They are copyright material and may not be used for commercial purposes without permission from the author. The author must be contacted before any distribution with a commercial product.

VLabTV is not shareware, as no donation or usage fee is required. However, any donations are always appreciated, and can only encourage further development of the program. This is an ongoing project, and will continue to be so as long as interest in it is shown.

## 1.11 disclaimer

I hereby reject any liability or responsibility for these or any other consequences from the use of VLabTV whatsoever. This includes, but is not limited to, damage to your equipment, to your data, personal injuries, financial loss or any other kinds of side effects.

Although VLabTV has been tested thoroughly on several different machines, I cannot rule out the possibility that VLabTV

- o is somehow incompatible to your equipment
- o has bugs that show up on your equipment
- o does not do what it is supposed to do on your equipment

It is your responsibility to take any precautions necessary to protect yourself from these or any other effects. I explicitly reject any liability or responsibility from the consequences of you using VLabTV.

## 1.12 Installer

Installer and Installer project icon

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OR RESPONSIBILITY IS ASSUMED.

## 1.13 history

Revision V0.4

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- every grab window has a menu strip now to save the data or resize the window
  - VLab monitor display is now correctly refreshed if window is inactive and parts were hidden
  - yuv data is now automatically freed when the frame is
-

- grabbed (this needs less memory)
- grab project window is now scaled to half size of the original grab size by default to save desktop space
- added tooltype GRAB\_VTR to activate VTR mode by default
- added tooltype GRAB\_LACE to activate interlace option by default

Revision V0.3

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--- Initial release ---