

PowerView

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COLLABORATORS

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| | <i>TITLE :</i> PowerView | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
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REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
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Contents

| | | |
|----------|-------------------------------------|----------|
| 1 | PowerView | 1 |
| 1.1 | PowerView guide | 1 |
| 1.2 | Overview of PowerView | 2 |
| 1.3 | Installing PowerView | 2 |
| 1.4 | Requirements of PowerView | 2 |
| 1.5 | Using PowerView | 2 |
| 1.6 | License | 3 |
| 1.7 | Bug reports | 3 |
| 1.8 | The author | 4 |
| 1.9 | History | 4 |
| 1.10 | Future | 5 |
| 1.11 | Credits | 5 |

Chapter 1

PowerView

1.1 PowerView guide

PowerView 0.3b

©1999 Fredrik Westermarck <bigbeard@mds.mdh.se>
Freely distributable

The~author
About me!

Overview
What? Why?

Installation
How to install PowerView

Requirements
What do I need to run AHC?

Using~PowerView
Basic principles of PowerView

License~
Legal stuff

Bug~reports
Bugs?

History
What has been

Future
What (eventually) will be

Credits
Who helped me?

1.2 Overview of PowerView

PowerView is a JPEG-picture viewer for the Amigacomputer for those of you who owns a PPC-accelerator (and is using the ppc.library from Phase5). The JPEG conversion is based upon libjpeg V6b from the Independent JPEG Group.

I guess that's all, now enjoy!

1.3 Installing PowerView

Not much to say here really.

- Copy the executable to wherever you want it!

1.4 Requirements of PowerView

PowerView requires:

- Workbench and Kickstart 38+
- ppc.library 46.19+
- PPC-accelerator

PowerView has been tested on the following setup:

- A1200T/040@25MHz+603@240MHz/BVision/64Mb Fast
- A1200/EC040@25MHz+603@160MHz/16 Mb Fast

1.5 Using PowerView

CLI Usage:

```
PowerView FILENAME DEPTH/N SCREENMODE/K CENTER/K
```

| | |
|------------|----------------------------------|
| FILENAME | The name of the jpegfile to view |
| DEPTH | Nr of bitplanes to use (3 - 8) |
| SCREENMODE | Forces the screenmoderequester |
| CENTER | Center the image |

If the program is started from CLI and not all required variables is given the program will read the tooltypes anyway and try to use the values used. If the DEPTH, MODEID, WIDTH and HEIGHT tooltypes are not specified an ASL requester will appear.

The FILENAME can also be left blank when run from CLI and a ASL filerequester will ask for you're desired file.

ToolTypes:

| | |
|------------|---|
| WIDTH | The screen width |
| HEIGHT | The screen height |
| DEPTH | Nr of bitplanes (3-8) |
| MODEID | Preferred modeid |
| SCREENMODE | Force the screenmoderequester to be displayed |
| CENTER | Center the image |

If the WIDTH, HEIGHT, DEPTH and MODEID tooltypes are not set a ASL moderequester will appear. When run and the program is started from WB a filerequester will always be used to specify the JPEG to render.

Quit the program by either pressing one of the mousebuttons or by pressing any of the q or escape keys.

1.6 License

This program is for personal use free of charge. You don't have to send me anything if you use it - but it would be nice to receive something from you IF you find this program useful.

The PowerView archive may be freely distributed in its unmodified archived form. The program may not however be sold for profit.

The program is provided on an as-is basis, and there is no guarantee of functionality of any sort.

The author can not be held responsible for any damage incurred directly or indirectly from the use or misuse of this program.

1.7 Bug reports

If you find something which you consider as an obvious bug or misfeature please send me a bug report!

Try to be as detailed as possible and include a description about your current setup.

Please include the following information when sending me a bugreport:

- Model
- OS, WB and ppc.library version
- List of patches

My address can be found in the author section

.

Known bugs:

-

1.8 The author

Here is my address:

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URL: <http://www.mds.mdh.se/~adb94fwk/>

Feel free to drop a line if you have comments or suggestions. It's always nice with some feedback!

1.9 History

V0.3b 1999-02-11

- The program doesn't output anything when cancelling the file/screenmoderequester, it should have beend done long ago, but I completly forgot about it (thanks Stephen for reminding me). :)

V0.3a 1999-02-09

- Fixed a bug causing pictures were width%16 == 0 to become corrupted
This fix will hopefully make the program more stable too.

V0.3 1999-02-02

- Much faster then before! :)
- Much more memoryintense then before. :(

V0.2b 1999-01-25

- The CENTER option is working again
- The version string is right this time

V0.2 1999-01-25

- To quit the program you can now press any of the mousebuttons, q or escape
- Removed the profiler compiler option :)
- Memory requirements is now less than before, due to no more memory is allocated than needed to display the picture
- Autoscrolling added
- The CENTER option is right now not working, but it will probaly fixed later on.

V0.1b 1999-01-20

- Improved the CLI-argument & WB-ToolTypes parsing

V0.1 1999-01-19

- First public beta
-

1.10 Future

I might include (no special order):

- Possible to view several images via CLI-arguments and ASL-multiselect
- Grayscale/coloroption
- GFX-card support (CGFX)
- Better memory handling
- HAM6/8-output
- BestMode selection (NoFlicker)
- Support other picture formats like:
 - GIF
 - PCX
 - BMP

I'm working on support for atleast 24-bit displays using CGFX, but since there are no (ppc)includes for the library it might take some time for me to implement it.

If you have any suggestions, please
contact
me!

1.11 Credits

Ideas/initial testing:

- Henrik Berglund
- Stefan Ohlsson

And to all of not included in the list but who has been sending me bugreports and ideas! Thanks!
