

VersionWB

Håkan Parting

COLLABORATORS

	<i>TITLE :</i> VersionWB		
<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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Chapter 1

VersionWB

1.1 main

VersionWB 2.00

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GiftWare

Copyright and disclaimer
This work is mine,
but I'm not responsible for any damage.

GiftWare
What I want from you.

Introduction
What is this?

Requirements

Usage
How to use it.

Messages
in requester.

Tips
Use it with Toolmanager ...

History
Fixed bugs and improvements.

Bugs
:-(

The Author
Contact me!

Credits

Updates
Where to find updates

1.2 copyright

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VersionWB is Gift-Ware and may be freely spread, if no files
are added, deleted and modified.

Magazines are allowed to distribute the VersionWB archive on their
Coverdiscs, but then I would appreciate if you send
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something,
for instance a copy of your mag.

Aminet and Aminet CD have my permission to distribute VersionWB.
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fee.
Nobody but myself are allowed to make any profit from VersionWB.
PD-companies are allowed to distribute VersionWB if they only take out the cost
of copying and disk (max. 40 SEK, £4, 8 DM).

I have spent very much time while programming this program
and if you use it regularly and like it please send
me
something.

It could be:

* a postcard of your town or country

* CDs

* Accelerator boards (1260 or PowerPC)

* something else

* Money is always welcome (40 SEK or 6 US\$, seems like a
decent donation :)

BANK-ACCOUNTS:

FOR SWEDES:

Svenskar får gärna sätta in pengar på Postgiro 421 38 50-3.

OTHERS:

Please transfer money to bank account 5392-00-39742 in the bank,
"Skandinaviska Enskilda Banken" of Sweden, Håkan Parting.

You may also send bills (SEK or US\$) or a Eurocheque in SEK.

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1.3 updates

UPDATES

The most recent version can always be found on Aminet:util/sys/VersionWB.lha
(wuarhive.wustl.edu, aminet.com, ftp.luth.se)

1.4 Introduktion

INTRODUCTION

If you want the version information to be presented in
a requester, this program is for you. Instead of
like `c:version` just tell the version and revision number
by default, VersionWB always tells you all it could find.

NEW! VersionWB may now completely replace AmigaDos version. You may rename
VersionWB to version.

VersionWB have these features:

- * It will bring up a requester with the version information.
 - * It support several files in the command line parameter template.
 - * You can shift-doubleclick an icon with VersionWB and
then get all that version stuff.
 - * You may also pick the file you want to know the version number of
by using a file requester.
 - * It will find version strings in WB1.3 libraries and devices,
`c:version` does not, e.g. `narrator.device`.
 - * If you use it with ToolManager you can have an appicon in
your Workbench. Drop the icon on the appicon, and the
version information will be presented (if the file contains a
version string :-)
-

- * It also has an optional text output.
- * It recognizes Imploded files.
- * All other features which AmigaDos Version has, as far as I know 8-).

1.5 requi

VersionWB requires:

Kickstart 2.04+ (WB v37).

An Amiga, not that kind of computer which have mess-dos in it :-).

Any Amiga compatible computer will work, eg. Draco.

1.6 usage

Usage

If to use it from Workbench:

Shift-doubleclick an icon with VersionWB and then get all that version stuff. Multi selection does work.

If no icon is selected, a file requester will appear.

Use it with ToolManager
If to use it from Shell:

The command line is:

```
VersionWb [libraryname, devicename or filename]/[*]/[HELP]/[TEXT][MAX}/[FULL]/[ ↔
FILE]/[RES]
[VERSION]/[REVISION]/[MU]
template: NAME/[M],*/S,HELP/S,TEXT/S,FULL/S,FILE/S,RES/S,VERSION/N,REVISION/N,MU/S ↔
,MAX/N
```

NAME

For example 'VersionWB asl.library' will give the version of the currently installed asl.library.

You can load several files

at once, e.g. 'VersionWB MU asl.library mcpgfx.library' or

'VersionWB MU SYS:utilities/multiview SYS:utilities/more'.

NEW You have to give the MU argument if you want to load several files (multiselection).

*

Type in 'VersionWb *' if you want a file requester to appear, where you can pick the file you want to know the version number of.

HELP

Type in 'VersionWb HELP' to get some help.

TEXT

If you want a text output instead of a requester.

MAX To set the maximum width of the requester, in number of characters. Default is 50 characters.

To set the width of the requester

The environmental variable VERSIONWB_MAX sets the maximum width of the "file" and "misc" field in chars. The cutting method is word oriented.

Set it in Shell with SETENV VERSIONWB_MAX <maxchars>
 You just have to do this once if you copy the file ENV:VersionWB_Max to ENVARC:
 For example: SetEnv VERSIONWB_MAX 35
 Copy ENV:VERSIONWB_MAX ENVARC:

FULL is the same as TEXT except for that just one (or two) lines is used (like c:version). This is used if you want the same output as c:version.

FILE File is not resident (DEFAULT). It is there for ability to replace c:version. AmigaDos Version has RES as default.

RES File is resident. Use if there is file version to choose from.

VERSION Accepts a numeric argument. If the version of the library or device in question is lower than this argument, the return code will be set to WARN.
 TEXT is set. E.g. VersionWB asl.library 40 6 (version 40 and revision 6)

REVISION Like VERSION, but checks the revision number of the specified library or device.
 TEXT is set.

MU Have to be set if you enter more than one file (multiselection).
 E.g. VersionWB MU asl.library C:copy
 (Do not have to be set, if filerequester is used or with WB-multiselection.)

NO KEYWORD then you get some system info. Workbench, Kickstart, MUI and CyperGraphics version.

1.7 messages

MESSAGES

Some messages may appear in the requester:

'Smart version string search used!' This means that VersionWB has made what it ↔ could to find the right version string. The information in requester may be false, but ↔ usually is true.

'File is imploded' VersionWB has recognized a packed file.

1.8 bugg

BUGS

I have heard that VersionWB does not work with 68000 processor. Is it true?

I'm working on a solution.

Do anyone have a document that describes the differences in addressing on 68000 and 68020?

If you find a bug, please tell
me

.

Before you send me a bug report make sure that you have the most recent version of VersionWB.

I want to know:

1. description of the bug(when?, how?, what happen?)
2. your name, address and email-address, if you have one.
3. which version of VersionWB do you use?
4. your computer configuration.

1.9 me

THE AUTHOR

If you have suggestions, want to report a bug, or just want to say something, write to me.

Snail-mail:

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http://www.isk.kth.se/~id96_har

Other programs by me is:

*****GlossTask***** Current version is 1.70.
aminet:misc/edu/GlossTask.lha

The GlossTask is the program with which you do your glossary home work with. It can test you from one language to another. The program is managed by mouse, has many features and is very easy to use :-). Of course you can save your vocabulary list for use at another occasion.

1.10 tips

SUGGESTIONS OF HOW TO USE IT

Here are suggestions of how you can use VersionWB most convenient.

1. Make a button in your file-manager, e.g. DirOpus, SID and MTool.
2. Set VersionWB as a menu item with ToolManager. Don't forget that you must set "Exec type" to type "WB" in the "Exec objects edit window.
3. Set VersionWB as a Dock in Toolmanager. Then you just have to drop the icon, of the file you want to know the version number of, on the VersionWB-icon. (Kind of AppIcon)

1.11 history

HISTORY

V.1.1

Not public released yet.

V.1.15 NOT PUBLIC RELEASED YET.

NEW: Can now find version strings in libraries and devices.

V.1.16 (18.8.95) PUBLIC RELEASE.

NEW: I found that the command couldn't find the version string in l:cdfilesystem, so I totally rewrote the search routin. It can now find the version string in l:cdfilesystem, and even in Wb1.3 libraries and devices.

V.1.17 (13.4.96) NOT PUBLIC

NEW: It now loads the objects in 10 kB blocks, which makes it faster, and more useful with large files. Imagine if you have to load a 2 Mb-file or more, and you just have 2 Mb of memory :-)

V.1.18 (13.4.96) PUBLIC RELEASE

BUGFIX:.. If the date information is missing, in the version string in a file, the computer crashed.

NEW: Made some modifications to the search routine. The result is that more version strings can be found. (I thought :-))

V.1.19 (29.4.96) NOT PUBLIC.

BUGFIX: Because the search routine are looking for both

strings starting with \$VER and strings starting with the two first letters of the picked file, it could sometimes find the wrong version string. Now the latter search pattern is improved. The latter method I use because I want VersionWB to find any version string (libraries, devices and some other files do not use \$VER:).

Thanks go to Lars Hecking, Ireland for his bug report on the 26th of April 1996.

V.1.20 (01.05.96) PUBLIC RELEASE

NEW: Now displays misc string, with author information and others. The search routine is now optimized, and therefore three times faster than before.

V.1.21 (13.05.96) PUBLIC RELEASE

BUGFIX: Some bugs fixed.
NEW: Now text after the version number, but before the date will be showed at the version number's row.
BUGFIX: Some strings, with a long date string were not found.
NEW: Optimized even further. Improved error handling. Implemented a new feature. Shift-double-click from workbench. If no icon is selected a file-requester will come up.

V.1.22 (14.05.96). PUBLIC RELEASE

BUGFIX: Fixed a bug report by Lars Hecking, Ireland.
NEW: Did a more safer check, in the search routine. Inserted a line feed after FILE field. If no version string is found the FILE field is shown now. These changes are made after suggestions by Georges Goncalves, France. Thanks Georges!.

V.1.23 (22.05.96) PUBLIC RELEASE :-(

BUGFIX: Fixed a mistake, with longword aligned CMP, which only works with 68020+ Amigas. Now it should work with any Amiga equipped with kickstart 2.04+. Fixed a bug, that I have known about since I made version 1.18. That what happens when the version string is between two blocks (at byte 10239). A friend of mine, Stefan "Blast" Smietanowski, indicated both these things.
NEW: Word cutting feature implemented. Environmental variable VERSIONWB_MAX sets the maximum width of the requester. Suggestion by Georges Goncalves, France.
BUGFIX: Fixed a bug with a possible memory header failure. Because of a mistake not all the above bugfixes had been made in the released version dated 19.05.96. :-(

V.1.24 (27.05.96) PUBLIC RELEASE

NEW: Multi-file-template. Multi-select-file requester. Thanks, Allan Odgaard, Denmark, who suggested this. Optional text output. Resident libraries and devices can now be loaded. Internal commands do work too, but other resident commands do not work yet. :-(
Thanks Fredrik Elmqvist, Sweden, who told me that resident

files did not work with VersionWB, and suggested that text output should be implemented.

V.1.25 (04.06.96) PUBLIC RELEASE

NEW: Asynchronous loading is now implemented. The result is faster loading under certain conditions.
Thanks Allan Odgaard, who suggested that I would use that loading method, and told me a bit about it.
NEW: Now the filename is showed, when the file was not found.
NEW: Cancel button, if one want to cancel a multiselection.
Thanks Georges Goncalves, France, who suggested this.
BUGFIX: I forgot to clear a variable when multi selection was implemented. \$VER: could be in the name field.
The cause is the now very complex search routine.
I will try to make a better one in the future.
BUGFIX: \$VER:s width no version number information was not found, now they will, e.g. LIBS:XFD/FIRE.
One could wonder why just give information about the file in the \$VER:, and no version number.
Thanks Stefan Smietanowski, who reported this bug.

V.1.26 (03.07.96) PUBLIC RELEASE

NEW: Changed the search routine to a faster and smarter one.
\$VER and Library pointers in the first search. Then pre-two-letter and \$VER-search in the second search.
With pre-two-letter search a message "Smart version string search used!" is showed in the requester. This search can pick something wrong, but usually does not. (This was previously used every time, on files that did not contain any \$VER:, e.g. libraries, devices and doshandlers)
The version string in some WB1.3 libraries and devices cannot be found in any other way. As far as I know :-? If you know how to do it, feel free to tell me! I know that it is possible to open the library (OpenLibrary()) or device (OpenDevice()) and than pick the IDString, like c:version in Workbench 1.3 did, but that is not a solution I like.
NEW: Some use ascii-code 160 for space instead of 32, these will now be converted.
BUGFIX: Text output even though no version string could be found.
NEW: FULL and FILE KEYWORDS inserted in template for compatibility with c:version. With FULL you get an text output in one (or two) lines and no fields (FILE:, NAME: or DATE:). FILE has no function.
BUGFIX: \$DATE and \$COPYRIGHT could be showed in the requester.
NEW: All memory resident files should work now. (commands that you have made resident by "resident c:copy pure add".)
NEW: MUI version and CyperGfx version added to system info.
BUGFIX: Some author/miscellaneous texts were not showed, because they were too long, limit changed to 150.

V.1.27 (07.09.96) PUBLIC RELEASE

BUGFIX: \$VER:-string with no version number is now showed.
Bug reported by Stefan "Blast" Smietanowski.
BUGFIX: Forgot to clear the memory buffer after multiselection.
BUGFIX: Oops! Multiselection with the file requester did not work after the Cancel-button implementation (1.25).
NEW: The Cancel-button now only appear under multiselection.

NEW: Some libraries have 'Version 1.0' as ID-String. It seems like this version number is not right. C:version tells you another for instance. From this version of VersionWB I decided to make a routine which notify when the version string is 'Version 1.0', and then tries to find another, or uses the version and revision in the library structure.

BUGFIX: The Cancel-button do only appear under multiselection (with filerequester too now).

NEW: A DOPUS-ARexx-script follows this archive, which implements a new copy feature to DirectoryOpus. See VersionCopy.DOpus for more information. This script is not made by me, it was Allan Odgaard who kindly submitted it to me. Thanks!

V.1.28 (26.09.96) PUBLIC RELEASE

NEW: Now it recognizes files which is packed with Imploder, and tells you when one is found. Of course VersionWB has to use more memory with imploded files than it usually does. It is also a bit slower, because the entire file must be loaded to memory before search. But this do not affect any other file.

Thanks Grzegorz Calkowski, Poland.

BUGFIX: The search routine for libraries and devices does now handle the loaded data right. You could get really strange information before.

V.2.00 (19.10.96) PUBLIC RELEASE

VersionWB has been pushed up to 2.00, because it now may totally replace AmigaDOS Version :-)

BUGFIX: Enforcer-hits, when file not found. Reported by Lars Hecking, Ireland.

BUGFIX: Enforcer-hits, when no version string was found in imploded files. (When explod haven't been executed).

BUGFIX: Enforcer-hits, illegal memory header.

NEW: VersionWB now can tell version of discs: (e.g. DH0:, DH1:, DF0:).

NEW: Date is now converted to the local standard.

NEW: One may omit LIBS: or DEVS: when one want to know the version for a library or a device. (e.g. VersionWB asl.library)

NEW: Date is showed in system information, just like AmigaDos Version does when FULL is set.

NEW: A new command line argument: RES. It indicates that you want the resident version

of the file. FILE, not the resident version, is default, in difference to AmigaDos version.

NEW: A new command line argument: VERSION num. Checks if the version number is greater than num.

NEW: A new command line argument: REVISION num. Checks if the revision number is greater than num.

NEW: Cancel-button is not showed in the last selection (Multiselection).

NEW: Because of compatibility reasons with AmigaDos Version you have to enter the MU

argument if you enter more than one file. If not you will get a "Bad args!" message.

e.g. VersionWB MU asl.library commodities.library

1.12 thanks

I would like to thank

For bug reports, suggestions and other mail:

Stefan "Blast" Smietanowski, Sweden
Allan Odgaard, Denmark
Georges Goncalves, France
Lars Hecking, Ireland
Fredrik Elmqvist, Sweden
Erol Ismael, England
Kevin Boyd Zagonyi Eckenrode
Grzegorz Calkowski, Poland

And finally thanks to the people who recently (August 1996) have sent me something ←
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Michael Schewior, France.
Mike @ Hughes, UK