VersCheck_english

Michaela Prüß

COLLABORATORS			
	TITLE : VersCheck_english		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Michaela Prüß	October 9, 2022	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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VersCheck_english

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1.2   Copyright

VersCheck: Copyright

VersCheck is Copyright 1998, 1999 by Michaela Prüß

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Contents Updates, Bugs CheckGuides

1.3   History

HISTORY VersCheck

V 1.10 / 14.05.1999 - Internal Versionstring not found by c:version. Problem corrected. The CPU/FPU are not correct displayed. It isn't a bug in VersCheck. The Bug come from compiling the source, but I don't found the reason to send a bugreport to Volker or do any thing that ffix the problem. Only thing I can do is searching.

V 1.9 / 30.04.1999 - norsk-catalog included Option -4 and -5 added for MUI and for handler. Internal update of the name compare to handle * and ? $VER has skipped chars over 127. Now accept 32-127 and greater 159.

V 1.8 / 15.04.1999 - The new functions for 1.7 full testet and little "clean" changes in the new functions for Class-Guide. The WB-Interface (disabled in 1.7) is now completed and useable. This changes forces updates for the archive-files, the installerscript and scriptsdir. Small bugfix: Last text from locale- file wasn't read-> eng. buttons in german version.

V 1.7 / 14.04.1999 - version for the ClassGuide. *** Only for internal use ***

V 1.6 / 12.04.1999 - accept the scriptdir and / or localefiles now also in 'PROGDIR:' Many more filetypes are known in the filecheck. The headerinfo's are taken from Gateway-5. The long missed getargs-function now included. The fullpath option (-f) show now the absolute path, not only a part from startposition. Bugfix: Logic for create HTML-sites corrected (before: YES=don't create, NO=create)

V 1.5 / 06.04.1999 - merge mode (-m) changed. No automatic header if -1, -2 or -3 and -m set. Only the option -s can now activate the header in this mode. So the header is not longer a lot of time written to the same file. - new option -f (fullpath) added. - Bug in installer script fixed. The directory script copied every time cause the YES/NO-quest not works. - printout from -v(erbose) formatted. - lot's of little changes.

V 1.4 / 03.04.1999 - new filetypes added. - New option -n (no requesters) to disable the requests. - New option -m (merge) to merge the neu output to existing data. This is for the CheckGuides only. - Installer script in german and english for easy installation added.

V 1.3 / 01.04.1999 - Better splitting versionstring. Spaces in objectnames are now accepted. - Check for single files added. If a directory given, the dir is checked, if a filename given, the version is printed. Using -1/-2/-3 with a single file compares the file with the checkguides. In this case all outputfiles are written. Only the HTML- update-side is not created. - The readme files are replaced by AmigaGuides. - Versiontest for locale files added.

V 1.2 / 27.03.1999 - Requester added Display info's about the check in reqtools- requester, if reqtools.library is available. If not the info's are only printed into cli. - HTML form (update form) added. - Select -x add now .elf, .wos and .ppc to the comparelist. Reason: In past, only one or two libraries named xxxxxx.elf exists. But now, e.g. Andreas Kleinert creates new datatypes, named akXXXX.datatype, akXXXX.elf, akXXXX.wos Other authors go the same way. VersCheck can now handle this.

V 1.1 / 13.03.1999 - The headerinformation now also printed into the outputfiles.

** *** I planned to send V1.0 into the AmiNet. But wuarchive make *** *** a newfs (the homepage says: 112 G takes a while). So this *** *** version is only released on my own homepages. *** **

V 1.0 / 10.03.1999 - Function to find own homedir included. - Because problems wih unknown reasons special. debug-outputs included (normally this functions will not compiled to a release). - Bugfix: languagetext not ever closed. - Function -1, -2 and -3 can now be start without dir. If so, the default will be used. The defaults are: -1 = Libs: / -2 = Devs: / -3 = Sys:Classes/Datatypes

V 0.9 / 04.03.1999 - Last beta-release. Version for 'CheckGuide' to test it.

V 0.4 / 03.03.1999 - Recompiled (internal) - Preversion vbcc 0.7 changed about releaseversion 0.7 recompiling of all lib's, library's and programs with new, actual includes and libs from vbcc. - Many tests.

V 0.3 / 28.02.1999 - Preversion (internal). - Build-in language now english. - Texts moved to files.

V 0.2 / 27.02.1999 - Beta-version (internal). - Bugs in recursion ExAll() fixed (used many stack). - Outputfiles (ram:) for check. - Output centralized and optimized. - CPU-check changed. - Bug (GURU) in split versionstring fixed. - Internal flag (-v) included (verbose info's).

V 0.1 / 23.02.1999 - First version (internal).

1.4   Important

Important:

This program use lot of stack. If the stack is to small, a GURU is the answer (or not, with thank's to MCP). The stackusage is variable, for big directorytree's more stack will need as for small trees. StackSnoop show as highest stack 74966. A stack greater/equal 100.000 should be enough everywere.

1.5   Support

Support:

Michaela Prüß Berlin

eMail:

Michaela@Flagranti.net

Supportsite at internet (actual version and other projects):

http://www.flagranti.net/amiga

1.6   Install

Install: Copy the program in any directory you like.

To use the comparesystem: Go in the directory that include the dir "scripts" with the comparelists and start the program or if the scriptdir and the program are in the same directory, you can start without change dir.

Use as versionlister/-checker: You can put the program to any location and start it from all positions you like.

Install of languagefiles

1.7   Usage

Usage:

VersCheck [[-<0|opt|hlp>] [<pathname>|<filename>]] | <?> opt = <123>afmnpvs[x<123>] hlp = ?h 0 = 0 = [-0s <.suffix> -0l <cmplist> -0n <name outfile>]

-1 = Versioncompare of <dir> with "scripts/LibList". If <dir> not set, libs: will be used. -2 = Versioncompare of <dir> with "scripts/DeviceList". If no <dir> given, devs: will be used. -3 = Versioncompare of <dir> with "scripts/DTypesList". If no <dir> set, sys:classes/datatypes is used for <dir>.

This functions are written for the comparesystem by 'age@thepentagon.com'.

If -1 to -3 used with a filename only the given file is checked. If a directory given -a is set. In both cases also -s (but only, if -m is not set) is set.

-- Add a new compare without update of VersCheck can be made by using this special options:

-0s = Versioncompare, free definition. Select the .siffix. -0l + " " " . Select the list in scripts. -0n + " " " . Select the end of name for resultlists. (E.g.: -0n CLASS creates Ram:NewCLASS, Ram:AltCLASS) -0s, -0l, -0n MUST be used as complete group. There are no default's. --

-f = show the full path of every checked file. For long runs without human control.

-n = no requester (disable the request's when finishing a CheckGuide compare).

-m = merge new output to existing output from CheckGuide lists (normal the old files will be overwritten).

-p = Disable executable, scan's for iff pictures. -P = Disable executable, scan's for all pictures.

-a = All subdirectorys included.

-s = Show system informationen (OS-version/CPU). The system info shows installed PPC-CPU's and MMU's, if the mmu.library (Thor) and/or the ppc.library (Phase5) are installed.

-v = verbose (shows testoutputs).

-x = Handle WarpOS-programs and PowerUP-programs like Amiga-programs. -x1 = Handle only PowerUP-programs like Amiga-programs. -x2 = Handle only WarpOS-Programs like Amiga-Programs. -x3 = Same as '-x'.

dir = Start directory for compare. Subdirectory will scanned only by setting -a.

file = Show version of this single file.

You can give a file or a dir, not both. The Options can be used in groups or single, like you feal. -1sav is identical with -1 -s -a -v or -1 -sav and so on. Only -x is a special thing. Must stand allone or at end. After x are only the switches 1,2 or 3 allowed. The free definitiongroup (0) must also select by single usage.

1.8 Starting from Workbench

Use from the workbench

Controling the program is done by tool-types from the icon.

Normally the program print the data in the CLI. As alternative the program open a own window on the workbench. All errormessages will shown in reqtools-requesters.

Tool-Types at the programicon:

WINDOW=CON:0/10/640/180/VersCheck - Outputwindow for compares. CON: = Console 0/ = First position from left 10/ = First line from top 640/ = Width of the window 180/ = High of the window VersCheck = Windowtitle

DEFAULT_PATH=Sys: Pathname where the search starts the compare functions.

ALLDIRS If activ, all subdirectory's in the path will be included.

COMPARE_LIBS Force compare with data from LibGuide.

COMPARE_DEVS Force compare with data from DevsGuide.

COMPARE_DTYPES Force compare with data from DTypesGuide.

COMPARE_MUI Force compare with data from MUIGuide.

COMPARE_HANDLER Force compare with data from HandlerGuide. Note that only one comparefunction should be set active at same time.

MERGE_OUTPUT Resultfiles at ram disk are merged with new data and not overwritten.

REQUESTER Show a requester for the final result and/or ask for generating HTML-update-sites.

SHOW_FULLPATH Show the full pathnames for every file.

SHOW_SYSTEMINFO Show systeminformation about CPU, Kick, WB and more

ACCEPT_ELF Set PPC-programs (.elf) equal to normal amigaprograms and include them in the compares.

ACCEPT_WOS Set WarpOS-progras (.ehf) equal to normal amigaprograms and include them in the compares.

CMP_SUFFIX=.library Define a suffix that only should be testet.

CMP_LIST=LibsList Name of the comparelist (ClassesGuide)

CMP_OUTNAME=Libs Nameextension for the resultfiles (ClassesGuide) Using the tool type CMP_OUTNAME aktivate the compare. The both other tooltypes can have effect for other functions if used without this third tool-type.

ONLY_PICTURES Scan only for pictures.

ONLY_IFFPICTURES Scan only for IFF pictures.

VERBOSE Show additional verbose informations.

1.9   ThirdPartyProd

Third party products

VersCheck uses some third party producs:

1.) Command VERSION from AmigaDOS. BE CAREFULLY with the "better replacements". They often read only the $VER-string, the original read much more.

2.) ppc.library (if exists) to find informations about installed PowerPC-CPU(s) and info's about them. Original by Phase5. (Emulation by Frank Wille *not testet* yet).

3.) mmu.library V0.24+ (is exists) to find informations about MMUs. Original by Thor, see AmiNet PPC-User read 'Known errors', please.

4.) reqtools.library for requesters. Copyright by © Nico François and Magnus Holmgren.

If a library not exist, the check will skipped and no info's printed. If a library can not work (mmu.library) the info's also skipped. If there is no version-command it can't be used for compare/information. This will reduce the change to identify and/or find versioninformations. If the reqtools.library not exists all infos only printed in cli. The request for HTML-update-page is set to YES and the update-side is generated in every case.

This AmigaGuide is created with Guided by Linus McCabe.

1.10   ProgInfo

Programfunctions and background

The program searches "$VER:"-string and split them. It also run the command version and split the output, too.

The program do not sort. It scan's the filesystem and compare direct all entries (function ExAll() is used!). No sort make it faster, except systems with many files.

The outputdata is useable for many things. But in first order it will be used to compare it with the Lib-, DT- and Device-check.

I found the idea behind the checksystms very good and I see the time and energy for catalog and support this lists.

But there is a problem, with is very komplex and it is very difficult to correct by cli-scripts, ARexx or other batchbased systems. Most problem will be found by older libs. Versionnumbers like "1.-1", wrong or funny strings at the position of the name and versionnumbers that called x.x, V x.x or Vx.x!

This program "tried" to identify this data and compare the result with the comparedata. "Tried" while I only can test and check the data with my system. So the identifying will not be perfect in the first version but this will be better from version to version.

If the output really shit (sorry), please send me a copy of the files that produce the wrong output. Please contact me first, if the files are not freely distribtable. In this case it is better send me a cut from the file. Otherwise the copy is piratesoft and I don't want become such software.

1.11   Future

Future

Better compare, errorcorrection and new functions. If you wish a special function for any useage, let it me know.

The program DVC, that do parts of this tests in the past, includes functions that I never will missing. E.g. testing of files for there version. A requester ask for install the file. The problem is, DVC is not longer 100% actual. And I missing functions like installing new file automaticly (by backup the actual files). I also missing a switch that skip older files by default. So I will create a copyfunction like DVC with more and better features.

To identify files only by extensions is also a problem from DVC. A readme, named xxx.library, will be copied to libs:, not lly usefull.

More datatypes should be identified.

A brainfile for the copyfunction is actual at work. Antilist's for virus-warnings and other actual things coming soon.

1.12 Bugs

Known bugs

The actual mmu.library will not work on PPC-systems and so on such systems the MMU can't be displayed. The author has no information about the mmu-useage on ppc-systems and Phase-5 don't cooperate. Because the help of Haage & Partner this problem is only temporary.

Problem with other programs

At my tests the system stops at bigger directory's. Reasons:

1.) Output in a KingCon-CLI-window (CON: and AUX: remapped to KingCon). Reason unknown, bit same problem appears by use of vim and other programs. A long time this problem don't exist, then it comes up. I think it is a problem between KingCon und another unknown software. To do: Using verbose-mode (-v) fix the problem (I don't know why).

2.) System full stops at testing mpegavideo.datatype. Reason is the command c:version. I don't know why, but the command crashes. I'm not shure, but I think it is a hardwareproblem at my system. To do: The problem will not appear if the directory that will be tested is into a ram disk or rad disk. After installation of WarpOS and decrunching all files on Sys: the check works. I'm not shure why. But I think decrunching the files is the right way. WHY ANYBODY CRUNCHING ANYTHING? The prices of harddisk are low and crunched files are slow.

1.13 CheckGuides

Attachment for the compare lists

(see end of this site!)

- LibGuide - DTypesGuide - DevsGuide - ClassesGuide

The compare:

Any file is identified by the "magic number". The "magic number" are the first 4 bytes (evetually 8, but I this case 4 are enough) of a binary file. On this a file can be identified, e.g. an Amigaprogram, a MS-Dos-Program and so on.! Libraries, devices and datatypes have all the code for 'executable amigaprogram'. So only files with this 'magic number' are tested in the moment. So a textfile, called "Libs:Irgendwas.Library" will not be tested! The filetypes ELF/EHF (PowerUP/WarpOS) from ppc can only be checked by using the '-x'-option.

The extensions ".library", ".device" oder ".datatype" will be also tested. If nessesary this will be expanded. (e.g. MUI 'mcc' and 'mcp'). If the checkguides will test more things I will change this for them.

For the header the mmu.library and the ppc.library will be used. If they are not installed, the part will be ignored.

The versioncompare will done numeric, the version is splitt into th 2 or 3 parts from X.Y(.Z). The numeric values will be corrected. Versions like 1.-1 gives Version 1, Revision 1.

Amiga shared libraries guide

Author: Heiko Schröder

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at http://amigasystem.org

Amiga Device Guide

Author: Heiko Schröder

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Amiga shared datatypes guide

Author: Heiko Schröder

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Classes.Guide

Author: Stuart Kelly

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1.14   ToDo

ToDo (CheckGuides):

- Alternative search for versionnumber [search '(DATUM)'] for very bad programmed things. I know only one file.

- Identify versionstrash like "%ld" etc.! Only one file known.

ToDo (VersCheck):

- Show and know more filetypes.

- Copy function with requester/suffix file/backups and more.

- All that what be found as usable when real working with the program.

1.15   Locale

Information about locale for VersCheck:

The program is not real localised, it has an own way to handle multilingual outputs.

This program is designed and created for two differnt functions. First, to compare your versions with the listfiles from LibCheck, DevCheck and DTypeCheck. Second, in future, to compare and update program- and systemfiles, like DVC. But with more functions and a configurable file for suffixes.

In future the program is available in AmiNet and also included by the CheckLists. What do, if anyone install this program anywhere on his amiga and the CheckList include an other version?

To fix this problem, and make it easy to create localised texts for any language and without any knowhow, I create only asciifiles with the text's in it. You can edit it with any ascii-edit like Ed, Edit, CygnusEd, emacs, vi, and so on. But FIRST look on the output of the program, second edit it. Otherwise it could be, that you create a very funny output

Line 1 to 3 are comments, please don't change it. The lines 4 to 42 are the outputstrings for VersCheck. VersCheck look at first in the actual directory and the startdir of the program for a file, named VersCheck.<Locale>.

The value for <Locale> is read from ENV:Language, normally set by your s:startup-sequence at boottime.

If VersCheck not found this file, the program look for Locale:catalogs/<Locale>/VersCheck.catalog If you install the program on your system put the correct textfile to locale. For the use by the CheckLists only, let the files where they are.

At this time only 3 files available:

VersCheck.deutsch (Locale:catalogs/deutsch/VersCheck.catalog) VersCheck.english (Locale:catalogs/english/VersCheck.catalog) VersCheck.norsk (Locale:catalogs/norsk/VersCheck.catalog)

If you translate this in any other language, please send me your file to include it in the releasepackage. eMail: Michaela@Flagranti.Net

Never inserting oder deleting lines from the file. If you do that you become unreadable or wrong outputs.

The max. lenght per line is 70 characters, more will truncated.

Empty lines are changed to the build-in-text (english).

Translations:

english : by Michaela Prüß (28.02.1999) deutsch : by Michaela Prüß (28.02.1999) norsk : by Roger Hågensen (20.04.1999)

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