

AcmaUtils.doc

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Chapter 1

AcmaUtils.doc

1.1 AcmaUtils.doc

AcmaUtils
by Jan Hagqvist

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DISCLAIMER

CheckLeftButton V1.00
DiskBooter V1.00
DiskBooter 1.3 V0.20
FileChanged V1.00
ListLibs V1.00
PalShell V1.00
VerCheck V2.00
WaitAccess V1.00

1.2 copyright

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1.4 checkleftbutton

CheckLeftButton V1.00

Checks whether the left mouse button is pressed and returns WARN if so. Also flashes the screen when the button is down.

Uses hardware specific code.

1.5 diskbooter

DiskBooter V1.00

Lets you to boot a disk from DF0: without resetting the machine, so you can run some patching software before booting a specific disk.

Needs DOS V2.00.

1.6 diskbooter1.3

DiskBooter 1.3 V0.20

Lets you to boot a disk from DF0: without resetting the machine, so you can run some patching software before booting a specific disk.

This is the DOS1.3 version of DiskBooter.

1.7 filechanged

FileChanged V1.00

Returns WARN if the speficied file has been changed (the 'a' archiveflag is clear).

Needs DOS V2.00.

1.8 listlibs

ListLibs V1.00

List the libraries currently in the memory.

Needs DOS V2.00.

1.9 palshell

Palshell V1.00

Makes the boot Shell-window PAL-sized 640x256 instead of 640x200 by increasing the window y-coordinate by 56.

1.10 vercheck

VerCheck V2.00

What is VerCheck?

VerCheck is a utility for 2.04 hard drive users with 1.3 ROM sharer/ReloKick who need to use their hard disk in both 2.04/1.3 modes.

New in V2.00:

Now you can check 68000/010/020/030/040/881/882 too.

How does it work?

When VerCheck is run it will read the current system version from Exeabase and compare it with the given version and returns WARN if the requested system version has been found. Because VerCheck reads the version number from Exec instead of reading it from a specific absolute address it also works with software ROM sharers such as ReloKick.

How do I use it?

The usage of VerCheck is very simple indeed and there are two modes available. In the first mode the syntax is:

VerCheck vn , where vn is the Kickstart version number

VerCheck reads the Exec version number and compares it with the given version. If the two are exactly same, WARN will be returned.

The other mode is:

VerCheck vn> , where vn is the Kickstart version number

VerCheck reads the Exec version number and compares it with the given version number. If Exec version is the same or greater than the given version, WARN will be returned. So adding a '>' in the end of the version number means that any version vn or greater will be accepted.

To check processors the syntax is:

VerCheck pr , where pr is one of the following:
68000/68010/68020/68030/68040/68881/68882

WARN is returned if the GIVEN processor OR BETTER is found.
Also have a look at the example c (VerTestC) in the examples drawer.

Example

This example is for booting the hard disk in 2.0/1.3 modes.

```
VerCheck 34
If WARN
    Place your 1.3 startup-sequence here
Else
    Place your 2.0 startup-sequence here
EndIf
```

Also have a look at the examples drawer.

Notes

Please don't enter V ahead the version number or revision number after it. So Kickstart version 37.175 translates to 37.

History

V1.00 (Saturday, 19 June 1993)

The first version of this brilliant program. This one just checks if the Exec version is same or better than the given version. This version originally was about 56 bytes long, but it didn't want to be that tiny so I had to add some 30 bytes of stuff in it before it was willing to work.

Size = 86 bytes (more or less)

V1.05 (Tuesday, 22 June 1993)

A minor update of a mode that would only accept specific Exec version number and not all from the specified one to the infinity. I was also bughunting at least some 30 mins before I realised what was wrong in this command line: 'VerCheck 37+'. In the monitor it worked perfectly but not in DOS. Then suddenly I realized that it had to have something to do with the '+'-sign. So that's why it is '37>' and not '37+' anymore. I also spent hours to write this document.

Size = 120 bytes

V2.00 (Monday, 28 June 1993)

Now VerCheck includes processor checking too, just in case somebody would like to check the CPU/FPU stuff too.
Size = 304 bytes

1.11 waitaccess

WaitAccess V1.00

Waits until the specified file is accessible, so you can start compiling a file when it's saving.

Needs DOS V2.00.