

# **AKCC\_Documentation**

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# Contents

<b>1</b>	<b>AKCC_Documentation</b>	<b>1</b>
1.1	AKCC Documentation	1
1.2	copyright	2
1.3	disclaimer	2
1.4	distribution	2
1.5	function	3
1.6	installation	3
1.7	correspondence	3
1.8	commandsummary	4
1.9	AboutCLI (similar: -)	7
1.10	AD (similar: CD)	7
1.11	CheckExec (similar: -)	7
1.12	Comment (similar: Filenote)	8
1.13	DateAct (similar: SetClock, Date)	8
1.14	Display (similar: Type)	8
1.15	DosRequest (similar: RequestChoice)	9
1.16	Duplic (similar: Copy)	9
1.17	EnvAct (similar: SetEnv, GetEnv, etc.)	9
1.18	ExecDevs (similar: avail flush, etc.)	10
1.19	ExecIRupts (similar: -)	10
1.20	ExecLibs (similar: avail flush, etc.)	10
1.21	ExecMem (similar: avail)	11
1.22	ExecPorts (similar: -)	11
1.23	ExecRes (similar: -)	12
1.24	ExecSems (similar: -)	12
1.25	ExecTasks (similar: Status)	12
1.26	ExtShow (similar: List)	12
1.27	FullPath (similar: Path)	12
1.28	HunkShow (similar: -)	13
1.29	KAssign (similar: Assign)	13

---

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1.30 Kill (similar: Delete) . . . . .	14
1.31 KillTask (similar: Break) . . . . .	14
1.32 KInfo (similar: Info) . . . . .	15
1.33 KScroller (similar: Echo, etc.) . . . . .	16
1.34 LED (similar: -) . . . . .	16
1.35 Move (similar: Copy+Delete) . . . . .	16
1.36 NewName (similar: Rename) . . . . .	16
1.37 NewDir (similar: MakeDir) . . . . .	17
1.38 ProSet (similar: Protect) . . . . .	17
1.39 PriSet (similar: ChangeTaskPri) . . . . .	17
1.40 Show (similar: Dir) . . . . .	17
1.41 Texter (similar: Echo) . . . . .	17
1.42 WinAct (similar: -) . . . . .	18
1.43 history . . . . .	19

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# Chapter 1

## AKCC\_Documentation

### 1.1 AKCC Documentation

AKCC V5.0

- POSTCARDWARE -

© 1989-97 by Andreas R. Kleinert. All rights reserved.

Needs Kickstart V1.2. Kickstart release 3.x compatible.

This program needs 'akccplus.library' V37+ in LIBS.  
Supports whatis.library V1+, which is (C)1990,1992  
by Sylvain Rouger and Pierre Carette.  
The "identify.library", (C) 1996 by Richard Körber,  
will be used when available.

Release Date : 20.09.1997

Copyright

Disclaimer

Distribution

Function

Installation

Correspondence

Command overview

Version-History

\_ //

Only \X/ Amiga makes it possible!

---

The CHAOS-Theory (rough english translation):

The Chaos theory for example deals with trying to catch the god damned butterfly, which caused the many storms the last times.  
(see "Witches Abroad" by Terry Pratchett)

Ahm...well:

...and thanks for all the fish.

## 1.2 copyright

The program AKCC V5.0 and its documentation files are  
(C)opyright 1989-97 by Andreas R. Kleinert. All rights reserved.

This program is POSTCARDWARE.  
Send the author a postcard to his snail mail address, if you like  
and use this program or you'd like something to criticize.

whatis.library V1+ is (C)1990,1992 by Sylvain Rouger and Pierre Carette.

Some of the mentioned names or products may be copyrighted by  
companies or trademarks of companies.

## 1.3 disclaimer

The author takes no responsibility for any results of the use of this  
program.

This software is provided "AS IS" and there is no warranty of any kind,  
so that you use this software at your own risk.

## 1.4 distribution

The program AKCC V5.0 is freely distributable (POSTCARDWARE).  
You may copy it, if the copyright notice is left intact and  
all of its parts are included in the distribution.

But it is explicitly allowed, e.g. to put the AKCC-Commands onto  
Disk-Magazines or PD-Series, as long as there is a remark about the  
author, the copyright and the used version of AKCC.

This program must not be included in commercial packages or commercial  
program collections without my written permission.  
This program must not be sold in any way, but it is allowed to take  
a nominal fee including the costs for copying.

This program may be put on public domain disks or included in public  
domain disk libraries.

---

Special permission hereby goes to Fred Fish's AmigaLib-Disks and the german series TAIFUN, FRANZ, TIME, GPD and Amiga Szene.

This program may also be distributed via electronic mail and may be put into mailboxes as long as the redistribution conditions are respected in all points.

By using or distributing this program you automatically agree to all of the above conditions and terms.

## 1.5 function

AKCC V5.0 is a packet of CLI-/Shell-Commands for the Amiga, which is intended to make working with the AMIGA, especially for experienced users and programmers, but also beginners, somewhat easier. AKCC is intended to be additionally used with other existing CLI-/Shell-Packets (e.g. with those from ARP or Commodore).

There are as well programs which just replace similar ones, as well as programs, which are completely new.

## 1.6 installation

Use the supplied Installer-Script to install AKCC.

If you do not own "Installer" yet, you have to install AKCC by yourself :

Copy the AKCC Commands to C: or any other search-path and install "akccplus.library" to LIBS:.

Perhaps it would be useful to create the "ENV:" directory, if not already done (OS 1.2 users).

Also stack-size should be placed on a relatively high level to allow recursive operations when handling wildcards.

Last not least :

All of the commands can be made memory-resident with the corresponding CLI/Shell-Command (p-flag already set).

## 1.7 correspondence

---

```
|      You may reach me the following way.      |
|      Send bug-reports, money or whatever to:   |
|-----|
|      * SuperView Development & Registration *  |
|      * DRAFU Development & Registration *      |
|      * Image Engineer Registration Site Europe *|
```

---

```

|
|
|           PerSuaSiVe SoftWorX
|
|           Andreas R. Kleinert
|           Sandstrasse 1
|           D-57072 Siegen
|           Germany, Europe
|
| Any snail mail to the old address will still be routed.
|
|           Phone:  +49-271-22869 also FAX + AM
|                   +49-271-22838
|
|           Weekdays after 17.00h.
|
|           When calling via phone you may leave a message,
|           if I'm not available - but don't expect me
|           calling back to USA, Australia, ... since
|           german phone rates are HIGHLY expensive.
|
|_____

```

#### E-Mail:

Please send binaries via `ARK@News.wwbnet.de`, and keep them smaller than 16 KB. Please think twice before sending them - my postbox is not unlimited in size.

\* Do not send binaries via Fido or Fido-Gates ! \*

```

- Fido   Andreas Kleinert 2:2457/350.18
- Usenet
          ARK@superview.ftn.neckar-alb.de   (Fido-Gate)
          Andreas_Kleinert@t-online.de     (T-Online)
          ARK@News.wwbnet.de               (Z-Netz)
          ARK@amigaworld.com               (AmigaWorld)

```

- If nothing else works, try one of these public Fido-Usenet gateways:

```

In Germany:
  Andreas_Kleinert@p18.f350.n2457.z2.fido.sub.org

```

```

From USA or elsewhere:
  Andreas_Kleinert@p18.f350.n2457.z2.fidonet.org

```

When reporting any bugs, please don't forget to include a detailed description of the bug and tell me, if it is reproduceable or not. Please also mention the version number of SIP you used and describe your system configuration (Amiga model 500/.../4000T-060, Kickstart/OS, RAM, HardDisk, special configurations).

## 1.8 commandsummary

---



Each single 'AKCC'-Command prints out a short description of ↔  
itself,  
when it is started with a single '?' as its only parameter.  
This description always looks like this :

```
'USAGE : x <x> <x> [...]'
```

The same thing happens, if a command has been used wrongly, but only  
if it has not been used TOO WRONG ...

AboutCLI

AD

\*

CheckExec

Comment

\*

DateAct

Display

DosRequest

Duplic

\*

EnvAct

ExecDevs

ExecIRupts

ExecLibs

\*

ExecMem

ExecPorts

ExecRes

ExecSems

ExecTasks

ExtShow

\*

FullPath

HunkShow

KAssign

\*

Kill

\*

KillTask

\*

KInfo

KScroller

LED

Move

\*

NewDir

NewName

ProSet

\*

PriSet

\*

Texter

Show

\*

WinAct

Commands marked with a '\*' support WildCards ('\*'/'?'/'#?') ←  
and/or the  
recursive method of working on directories (option '-a').

Under OS V2.04+ the normal DOS-WildCards are ADDITIONALLY  
supported (inclusive WildStar, e.g. "(Hello#?|World\*)" ).

Commands with "-a"-Support:

-----  
"-a" stands for "-all" and describes recursive, that means  
(in this case) complete access to ALL sub-directories by the  
specific command.

Commands with "\*" / "#?" / "?" WildCard-Support:

-----  
These WildCards are equivalent to the Standard-AmigaDOS-WildCards  
"#?" and the ARP-WildCard "\*" (as under MS-DOS or other Operating  
Systems). It is also possible to use more than one WildCard in a  
name-descriptor, which is not common to all of the Standard-  
AmigaDOS-Commands (especially under OS <= V1.3) :

e.g. : - Kill Vie\*1\*

(deletes e.g. "Viele", "VielMehr", "VierBilder", etc.)

- ExtShow sta\*t\*

or

```
ExtShow sta#?t#?
```

(lists e.g. "startup-sequence".)

The special SingleChar-WildCard of AmigaDOS ("?") is also supported, which allows to replace only one (or none) char instead of an unlimited number.

All users of OS V2.04 or greater have ADDITIONALLY access to the new WildCards of V37-DOS, so that at first DOS-PatternMatching is used, and if the pattern "still does not fit" after that, the internal routines of "akccplus.library" are used instead.

This results in the following additional WildCards :

```
~                logical NOT
```

```
(String_1|...|String_n)  logical OR  (brackets allowed)
```

Combinations are possible.

Also the "WildStar" ("\*") can be used, because the "akccplus.library" activates it automatically.

## 1.9 AboutCLI (similar: -)

Provides information about some preferences of the (current) CLI:  
Stacksize, Prompt, Path, ...

## 1.10 AD (similar: CD)

Changes the current directory. WildCards and Backward-References possible.

Known Bugs:

Some Shells, like the OS-2.04+-Shell, or the 'WShell', which shows the current directory in the title bar of the window or in the prompt of the command-line, don't examine the changes made by 'AD'.

Fixing:   WShell:       Don't use the shell, live with it, or  
                      turn its special function off.  
          OS V2.04+:  Well, in this OS-Version the Command 'CD'  
                      is resident (in ROM), so you don't need  
                      AKCC's 'AD'.

## 1.11 CheckExec (similar: -)

Shows some values of the 'ExecBase' and checks some vectors to avoid viruses. Is also able to show Boot-Blocks.

CheckExec prints out information about the system's configuration :

e.g. CPU, FPU, PAL/NTSC, various addresses,  
Viruses ?, ...

CheckExec also allows to view Bootblocks of Disks :

e.g. CheckExec CHECK DF0:

displays the Bootblock of a disk in the internal drive "DF0:".

The "FORMAT [DF(0|1|2|3):] allows to format diskettes.  
Only 837 KB disks are supported.  
This option may only concern users of OS 1.2 so far.

Known Bugs:

"FORMAT" does not seem to be fully free of bugs yet. Sorry !

## 1.12 Comment (similar: Filenote)

Adds filenotes. WildCards.

## 1.13 DateAct (similar: SetClock, Date)

Shows or sets the actual system-time and -date.

Is also able to read/write the Realtime-Clock MSM 6242 B  
(or compatible), like e.g. inside the Amiga 500 Plus.

This command merges two of the Standard-AmigaDOS-Commands.  
It changes the internal Clock (CIA-Timer based) as well as  
it is able to access the (optional) batterie-buffered realtime-clock  
(only supports type MSM 6242 B, e.g. in most im Amiga 500 plus models).

Meaning of the options :

- <Date description>                   CIA-Timer are set new
- LOAD                                    Loads CIA-Timer with realtime-clock  
  values and displays them
- SAVE <Date description>            Set realtime-clock to date

Direct copies from CIA-time to realtime-clock are not supported.  
The reverse way should be gone always.  
(First set realtime-clock, then copy to Timers, or even not.)

## 1.14 Display (similar: Type)

---

Displays the content of a file on the Screen or a (virtual) device (e.g. PRT:, CON:, SER:, ...), or into an other file. Supports octal and hexadecimal printing and sourcecode generation.

Display supports printing files in different ways, e.g. as ASCII, hexadecimal, octal, C- and Assembler-SourceCode, to the Console (default) or any other DOS-Device, as well as into a file.

```
Normal/ASCII      : (Default)
Hexadecimal      : HEX
Octal            : OCT
C-Source         : C           (Byte-Array)
Assembler-Source : ASM        (dc.b-field)
```

## 1.15 DosRequest (similar: RequestChoice)

This program allows easy opening of Requesters from Batch-Files, to let the user decide, what actions to perform next. Use this excerpt from a Batch-File as a demonstration :

```
; Begin of Batch-File

DosRequest "Should I continue ?" "Yes" "No"
if warn
  echo "You selected 'No' !"
else
  echo "You selected 'Yes' !"
endif

; End of Batch-File
```

Under OS V2.04+ "AutoRequest()" will be replaced by the V37-Intuition-Function "EasyRequest()". This allows greater comfort and higher flexibility for requesters, then.

## 1.16 Duplic (similar: Copy)

Copies files/dirs.

## 1.17 EnvAct (similar: SetEnv, GetEnv, etc.)

Is able to manage all affairs with environment-variables in an easy and quick way.

Selection of a specific action is done via commandline parameters :

```
EnvAct INIT <...>      - creates ENV: (NewDir + KAssign)
EnvAct WRITE <...>    - writes an Env-Variable
```

```

EnvAct READ <...>      - reads an Env-Variable
EnvAct STREAM <...>   - prints out the content of an Env-Variable
EnvAct ERASE <...>    - erases an Env-Variable

```

STREAM results in printing out only the content of the Variablen (only a linefeed attached, no more explaining texts), so that the result may be used with other programs (e.g. via Backticks under OS V2.04+).

Existance of "ENV:" is needed for using this command.

## 1.18 ExecDevs (similar: avail flush, etc.)

Informs about all resident devices (plus load, kill, ...)

## 1.19 ExecIRupts (similar: -)

Informs about all resident interrupts.

## 1.20 ExecLibs (similar: avail flush, etc.)

Informs about all resident libraries (plus load, kill, ...)

ExecLibs may also load Libraries and flush unused ones out of memory (if #=0, and the Library has been loaded to RAM and is not a ROM-resident one), if the specific Library supports this.

ExecLibs offers basically the same options in using WildCards (for removing) as "KillTask" or "PriSet". But always ALL Libraries, which match the WildCard string are removed. But - different to the handling of Tasks - there are never two or more libraries with exactly the same name, which makes selection somewhat easier.

When loading Libraries (from "LIBS:") the full name of the Library (as e.g. "42.library") has to be specified.

"akccplus.library" cannot be removed via ExecLibs, because ExecLibs itself does use it. Use "flushlibs" (Workbench-Menu) instead to do this (available when started in "-debug" mode).

List of options :

```
ExecLibs LOAD <Name>
```

```
- Loads a Library from LIBS: to memory
```

```
ExecLibs KILL <NamePattern>
```

---

- Removes all the Libraries from memory, which match the pattern (WildCards : "?", "#?", "\*").

Attention : Sometimes two or more calls are useful, because may Libraries also open other Libraries, which then can be removed also later.

ExecLibs VIEW

- All resident Libraries are displayed.  
Option is not needed (typing "ExecLibs" suffices).

You may also access the command "ExecDevs" in the same way as this has been described above for "ExecLibs".

## 1.21 ExecMem (similar: avail)

Shows available memory. Useful: is able to write the result into an environment variable.

Display free memory and allos addiotional options :  
The results may be written to an Environment-Variable (e.g. for use by an other program).

e.g. :                    ExecMem CHIP VAR=<Variable-Name>  
  
                          (writes size of free CHIP mem to ENV:<Variable-Name>)

Syntax :

1. ExecMem  
  
=> print out complete information
2. ExecMem <type of memory>  
  
allowed types :  
  
CHIP -> CHIP-Memory  
FAST -> FAST-Memory  
SUM -> CHIP- & FAST-Memory  
  
=> print out specific information only
3. ExecMem <type> VAR=<Variable-Name>  
  
=> writes size of free memory of a specific type to an Env-Variable

## 1.22 ExecPorts (similar: -)

Informs about all public message ports.

### 1.23 ExecRes (similar: -)

Informs about all resident resources.

### 1.24 ExecSems (similar: -)

Informs about all public semaphores.

### 1.25 ExecTasks (similar: Status)

Informs about all active tasks.

### 1.26 ExtShow (similar: List)

Shows a directory, protection bits, date and comment.  
With special functions under OS V2.04+.

### 1.27 FullPath (similar: Path)

Sets a completely new list of paths, which have to be searched for commands. Parameter is the name of a file, which contains this list. As a result of this, the order, in which the paths have to be searched is exactly defined. Also single paths may be added or removed.

FullPath replaces the Standard-Command Path in a way, which is especially useful for HardDisk owners :

Usually there are masses of sub-directories on a HardDisk, of which many also have to be searched for commands. This might be frustrating, if the most-often used commands are placed in a directory, which is placed at the end of the search-list. Even a fast HardDisk takes some time to load a command, then.

FullPath allows to declare a List of Paths (from a File) as the current List, where also the order of the entries is respected (first Path at first, last Path at last). The current directory is always searched at first, independently from that.

Another advantage : You only have to call one command, no matter if there are e.g. 30 Paths to be searched.



Attention : The old PathList is always deleted !

Tip : "C:" is usually searched at last, no matter if it is actually in the list or not.  
If you specify it at the begining of the list, it will be searched directly after the current directory.  
Very useful !

An example list :

```
C:
SYS:
SYS:System
SYS:Tools
SYS:Utilities
```

A new line for any new entry !!!

When calling from CLI, there also may be added/removed single entries via ADD/REMOVE.

## 1.28 HunkShow (similar: -)

Shows the HUNKS of a program or object-file and recognizes IFF-files of all kinds, also other kinds of files.

This program show the Hunks of Program- or Objekt-Files (only SAS/Lattice-compatible formats).  
It also knows the follwing file-types :

- |                          |                                     |
|--------------------------|-------------------------------------|
| 1a) FORM-????            | (IFF-Files)                         |
| b) LIST,PROP,CAT         | (extended IFF-Files)                |
| 2) PowerPacker 3.0a/b    | (packed programm -> PowerPacker)    |
| 3) PP20                  | (packed file -> PowerPacker)        |
| 4) -lh?-                 | (archive in the "-lh?-" format)     |
| 5) MMD0, MMD1            | (MED-Module, OctaMED-Module)        |
| 6) MED                   | (MED-Sound)                         |
| 7) HDBackup Logfile      | (Logfile for HDBackup of WB V2.04+) |
| 8) .key                  | (many batch-files begin this way)   |
| 9) .info                 | (Info-File of Workbench V1.x+)      |
| 10) ZOO                  | (Archive in the "ZOO"-Format)       |
| 11) ZOM                  | (Archive of ZOOM)                   |
| 12) TFMX-SONG            | (TFMX-Sound-Module)                 |
| 13) FC                   | (Future_Composer-Sound-Module)      |
| 14) RIFF-????            | (RIFF-File, PC-Standard)            |
| 15) AmigaGuide File      | (AmigaGuide Online-Documentation)   |
| 16) VOC SoundSample File | ("Creative Voice File"-Sample)      |

## 1.29 KAssign (similar: Assign)

Manages assignments. With special functions under OS V2.04+.

### 1.30 Kill (similar: Delete)

Deletes files/dirs.

### 1.31 KillTask (similar: Break)

Deletes one (or many) task(s) from the system's lists. WildCards.

Be careful when killing any tasks/processes (especially system tasks).

There are two possibilities to use KillTask, to remove Tasks from the system :

#### 1. "BREAK"

This does never affect the system and is nearly always SAFE.

Any available CTRL-Break-Signale will be sent to the Task, so that it will immediately, if it supports one of them.

Don't forget the keyword "BREAK", which is the only difference the method two.

Example :

```
KillTask BREAK Exchange
```

#### 2. "REMTASK"

This one will remove the Task via Exec's "RemTask()" ALWAYS.

Removing tasks this ways has many (almost only) disadvantages, but is useful to remove tasks, which crashed "silently".

KillTask does is not case-sensitive, concerning the Task-Names, which makes usage much easier.

Also usage of WildCards, as with the file-orientated commands, is supported ('#?/'\*?/?').

Basically the first Task, which fits the name or pattern is removed, but if you specify the option "-a", ALL matching Tasks/Processes will be removed instead.

Examples :

```
KillTask THISONE (kills current task : should NEVER be done)
```

```
KillTask "Background CLI" (kills first task named "Background CLI")
```

```
KillTask "Background CLI" -a (kills ALL tasks named "Background CLI")
```

```
KillTask "Back*" (kills first task beginning with
```

"Back")

```
KillTask "Back*" -a          (kills ALL tasks beginning with
                             "Back")
```

Attention : If any of the REMOVED (not BREAKed) tasks still had any resources allocated, e.g. opened Windows, those will NOT be given free. (You should minimize the Window's sizes. The next reset will clear this up.)

## 1.32 KInfo (similar: Info)

Gives Information of all mounted Volumes, e.g. Disks or RAM-Disks.

Meaning of the "status" field :

```
"NoWrite" : write-protected
"Val'ing" : (at the moment) not validated
"Valid"    : valid and not write-protected
"???????" : unknown or invalid status-value
```

Volume-Type :

string	meaning	since OS	DOS-ID
"unreadable Disk"	<-		'BAD\0'
"no Disk present"	<-		-1
"not a DOS-Disk "	<-		'NDOS'
"OFS	" OldFileSystem		'DOS\0'
"FFS	" FastFileSystem	V1.3	'DOS\1'
"OFS INTL	" international OFS	V2.04/3.00	'DOS\2'
"FFS INTL	" international FFS	V2.04/3.00	'DOS\3'
"OFS INTL CACHE "	" international OFS, Cache	V3.00	'DOS\4'
"FFS INTL CACHE "	" international FFS, Cache	V3.00	'DOS\5'
"Kickstart-Disk "	" Kickstart-Diskette		'KICK'
"MSDOS-Disk	" PC-Formatted Diskette	V2.04/V3.00	'MSD\0'

When entering an unknown DOS-ID, the Hex-Value will be printed like in C ("0x...").

The (international) FileSystems with DirectoryCache (DirCache) are also described as "DCFS" sometimes. But because the are two available of this kind, we do not use this description here.

The "By/Blo" value describes the number of Bytes per Block, which the correspondings File-System uses. These are e.g. 488 for OFS-Disks, 512 for FFS-Disks and 1024 for the Ram-Disk.

Less information on the structure of the saved data (per Block) results in a higher disk space with FFS-Disks, compared against the old OFS-Disks (24 Bytes additionally per Block).

### 1.33 KScroller (similar: Echo, etc.)

This program allows to use an ASCII file as the source for a simple "Text-Scroller" in the CLI/Shell (various speeds).  
When combined with "Texter" there are offered many possibilities for printing texts in the CLI/Shell.

### 1.34 LED (similar: -)

Turns the Audio-Filter (PowerLED) on or off.

The LED command support batch files, in a way that its return code is "boolean", when started with the "-batch" option.

Example :

```
; Begin of Batch-File

LED -batch
if warn
  echo "LED is ON !!!"
else
  echo "LED is OFF !!!"
endif

; End of Batch-File
```

LED may be useful, if e.g.

- Soundprogramms "forgot", to turn the LED (again) ON or OFF
- the LED is not visible (tower construction or defect LED)
- the LED should be controlled automaticalle (e.g. from Batch-Files)
- and many more

### 1.35 Move (similar: Copy+Delete)

Moves files/dir from one device/dir to an other.

Copies the Source, then deletes it => combination of Kill and Duplic.

This command allows "moving" of files by "deletion-after-copy".

So files may transferred from one directory to another by copying them and then deleting the source.

This is a replacement for the "Rename" command, if it is to be used "across device borders".

### 1.36 NewName (similar: Rename)

Renames files/dirs.

---

### 1.37 NewDir (similar: MakeDir)

Creates a new directory or a complete new path:  
e.g. 'df0:Texts/Letters/Private'

NewDir also creates complete paths (recursive), so that constructions like 'RAM:tmp/comp/txt/1' etc. are also legal !

### 1.38 ProSet (similar: Protect)

Sets new protection bits for a file [out of: hsparwed].

### 1.39 PriSet (similar: ChangeTaskPri)

Changes the priority of a task/process by name. Wildcards.

Priorities should be between -20 and +20 (better : -5 / +5), so that the task-switching is not affected in any way. Common values are : -1 / 0 / 1.

PriSet offers the same WildCard options as e.g. also "KillTask".

### 1.40 Show (similar: Dir)

Shows a directory.

### 1.41 Texter (similar: Echo)

Prints out a text on the screen OR on a printer.

Options : normal, bold, underlined, italic, reverse, free lines

All the styles and more are controlled with C-like codes (e.g. '\I', '\B', '\C=0,1')

Uses PRT: for parallel printing, or PAR: when PRT: not available.

All the styles are combineable (for the printer as well as for the screen.

All font-attributes and other settings may be modified via special controlcodes (no ESCAPE-sequences needed).

Example :

```
Texter "\B\I\C=0,1Hello !\N\C=1,0" >PRT:
```

Results in bold, italic "Hello !", with foreground color 0 and

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background color 1 (passed to printer).  
After that the old settings are restored.

Possible controlcodes :

atributes :

```

        \N      : normal
        \B      : bold
        \I      : italics
        \U      : underlined
        \R      : reverse

```

colors :

```

        \C=<FG>,<BG>

```

characters :

```

        \       : "\"
        \42     : " itself

```

format control codes :

```

        \n      : linefeed
        \b      : backspace
        \f      : clrscr
        \t      : TAB
        \r      : carriage return

```

Font attributes always have to be specified BEFORE colors, because otherwise the colors would be reset again when setting the attributes.

## 1.42 WinAct (similar: -)

Sizes the active window to PAL-, NTSC- or the biggest possible size, or brings it just to a given X/Y-size (everything possible). Also can move the window into the left, top corner of the screen or give it a new title.

This command allows the modify the active CLI-/Shell-Window in an easy way (e.g. fromout Batch-Files) :

Size-adjustment options :

```

- PAL          (640 / 256)
- NTSC        (640 / 200)
- BIGGEST     (Max / Max)    <- see Preferences
- X=<x> Y=<y> ( x / y )      <- First X, then Y (only TOGETHER)

```

Position-adjustment options :

```

- POSLEFT     (Window will be moved to upper, left corner.)

```

Other options :

- NAME=<Name> (Window title will be changed.)

## 1.43 history

V5.0 : (20.09.1997)

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- recompiled with SAS/C 6.58

V4.6 : (29.06.1997)

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- fixed Library bugfix (InitCode, memory loss)

V4.5 : (24.06.1997)

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- Library bugfix (InitCode, memory loss)

V4.4 : (16.05.1997)

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- added quick hack to recognize powerUP (TM) boards  
(not with identify.library being installed)

V4.3 : (07.04.1997)

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- 060 recognition did not work
- added "FLUSH" option to ExecMem
- fixed library code

V4.2 : (17.02.1997)

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- recompiled with SAS/C 6.57
- updates docs: - email
  - copyrights
  - etc.
- optimized/fixed library

V4.1 : (06.09.1996)

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- english guide file did contain a binary character a first entry,  
which prevented it from being viewed as a guide file  
(-> Bill Beogelein)
  - this documentation had to be reworked (e.g. merged with Tips.doc)  
(-> Neil Sedger)
  - removed AKCC\_Shell
  - completely reworked library and programmers stuff
  - renamed library to akccplus.library  
(you simply need to recompile your programs, nothing more)
  - all commands no longer display texts in different colors,  
which makes texts better readable under several configurations  
(-> Neil Sedger)
  - strongly improved CheckExec
    - now supports Richard Koerber's identify.library for  
hardware and expansion board diagnostics (may be disabled)
    - now also checks for gfx and dma chipset (only when  
identify.library disabled or not present)
  - fixed ExecRes, removed Enforcer Hits
-

- (there's still one hit when examining keymap.resource, but I don't know why and where and did not want to build an extra-case for that structure)
- fixed ExecSems (only use-count shown now)
  - in most commands, buggy command line parsing did cause Enforcer Hits, either only under certain circumstances (calling without parameters, no "?" given) or always (checked for parameter contents, which were not there). Old, buggy stuff, so has been rewritten.
  - also fixed Enforcer Hits in AboutCLI
  - removed PrefSet from distribution. It was a black hole of Enforcer Hits - unresolveable, maybe because OS 3.x no longer supports this prefs stuff that well and thus it is not possible to debug an OS 1.2 version...
  - removed name-change option of WinAct

V4.0 : (01.08.1996)

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- recompiled using SAS/C V6.56
- Commands: - using new GST for CLI commands
  - changed related info and copyright texts
- Library: - there was a function not correctly saving D1 (parameter)
  - using new GST
  - using new startup-code
  - and more...

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Version history before V4.0 no longer included  
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