

Release Notes

System Manager's Toolbox Version A.12a

Introduction to this Release

System Manager's Toolbox version A.12a is supported to run on MPE/iX version 7.5 and earlier versions.

The remaining sections of this document list the enhancements, fixes and known issues for this release, if applicable. This document is available on the documentation page of the Lund website at:

<http://www.lund.com/support/documentation.html>.

Enhancements in this Release

Version A.12a

Program(s)	Description of Product Change
All Tools	Added support for running on MPE/iX version 7.5.

Defects Fixed in this Release

Version A.12a

Program(s)	Description of Product Change
All Tools	Chanced USE/USEQ to not save text in the REDO stack.

Product History

This product history lists all significant modifications and enhancements made to the application since the first major release. The product changes are grouped according to version number and ordered by Service Request number, when one is available.

Version A.09h

Program(s)	Description of Product Change
ACAP	No changes.
BETIMES	No changes.
BLAZE	No changes.

Release Notes

System Manager's Toolbox

Program(s)	Description of Product Change
CASPER	No changes.
ETC	No changes.
GRANT	No changes.
KLONDIKE	No changes.
KNOCKOUT	No changes.
MAGNET	Added filecode 9 as acceptable text filecode.
MAGNET	Added note about #files ignored due to filecode.
MODA	No changes.
RAMUSAGE/PAGES	Added undocumented TEST command.
	Increased max mem from 3.76 GB to 16 GB.
	Added INFO= string capability.
REDWOOD	Changed to "middle-truncate" HFS filenames, instead of end-truncate them.
REP	Added report of # MBs to start of copy.
SHOT	Revised PIN# command to display more of INFO and name.
TINDEX	Changed to DEQ LPSLP if DEFER.
	Fixed bug wherein QUICK and "Created via" interacted.
	Fixed bug wherein QUICK and hfs files interacted poorly.
	Changed xcontrap logic to avoid performance problem.

Version A.09f

Program(s)	Description of Product Change
ACAP	No changes.
BETIMES	No changes.
BLAZE	No changes.
CASPER	No changes.
ETC	No changes.
GRANT	No changes.
KLONDIKE	No changes.
KNOCKOUT	No changes.
MAGNET	No changes.
MODA	MODA now allows G group CAP ALL (without "=")

Program(s)	Description of Product Change
RAMUSAGE/PAGES	Changed to handle missing data files more gracefully.
REDWOOD	No changes.
REP	No changes.
SHOT	Added ABORTPROCIO pin [Idev].
	Added code to report entire name for POSIX programs for PIN command.
	Added PERCENTSB ADM field and "SET PERCENTSB" and "SET PERCENTS".
	Expanded scope of SECPAGES.
	Fixed bug in SIR output for 7.0.
TINDEX	Added minimal support for NovaBack+ tapes.

Version A.09b

Program(s)	Description of Product Change
ACAP	Fixed POSIX flag.
	Fixed problem with HFS file name in INFO string.
BETIMES	Added MPE/iX 7.0 support.
	Changed GMTSECS code to output more information, more concisely.
	Fixed TIMER test command. It was incorrectly trying to pause for 1/10 second instead of one.
BLAZE	No changes.
CASPER	No changes.
ETC	No changes.
GRANT	Added MPE/iX 7.0 support.
KLONDIKE	Added MPE/iX 7.0 support.
KNOCKOUT	Added MPE/iX 7.0 support.
MAGNET	Added -count.
	Added -i as synonym for -c (ignore case), to match GREP.
	Added MAXREAD as preferred synonym for MAXREC.
	Better support for ^indirectfile for -f.
	Fixed MSG file problems for indirect files.
	Fixed problem with VACM message file.
	Minor output change for AR.
MODA	No changes.

Program(s)	Description of Product Change
RAMUSAGE/PAGES	Added IPDIR command.
	Added MPE/iX support.
	Changed FIND to report IPDIR entry address (for 5.0 and later).
	Changed RAMUSAGE expiry to 2001-12-31.
	Fixed bug on some machines (including 9x7) where initial memory other than a multiple of 32 MB
	Increased allowable maximum memory to 10 GB for RAMUSAGE "if you added" loop *only).
REDWOOD	No changes.
REP	Added first attempt at POSIX filename support.
	Added PROGRESS as synonym for DOTS.
	Fixed ONEREC option.
SHOT	Added ADM field INFO and INFOPTR.
	Added code to report entire name for POSIX programs for PIN command.
	Added GETJIR# (undocumented).
	Added MPE/iX 7.0 support.
	Added SIRS [#IALL].
	Added UNLOCKSEMAPHORE.
SPOOK	Added TEXT#Innn
TINDEX	Added STDIR file support.
	Added support for new creator as in: STORE x.b=c.d.e:u.a;;rename.
	Fixed bad reel# for NM STORE reel switch.
	Fixed bug in STORE-to-Disk code (could cause stack overflow or other aborts).
	Will note if any NM STORE files have ACDs.
	Will report STORE command (if found).

Version A.07

Program(s)	Description of Product Change
ACAP	No changes.
All Tools	Increased saved fileset size to 200000 from 32000.
BETIMES	Added 6.5 support

Program(s)	Description of Product Change
BETIMES	Added support of the NETCLOCK command. BETIMES has the ability to fetch the current time clock from a network server via serial port, then set the local machine's clock to that value.
BLAZE	No changes.
CASPER	No changes.
ETC	No changes.
GRANT	Added 6.5 support.
	Removed CM compilation capability.
KLONDIKE	Added 6.5 support.
	Limited fetch to 2 GB.
KNOCKOUT	Added 6.5 support.
MAGNET	Added code to report what quote character was expected.
	Added -context, -contexta #, and -contextb #.
	Added -help NEWS (a list of changes to MAGNET).
	Added -help xxx (i.e., the ability to get help on a keyword).
	Added -text as a synonym for -t.
MODA	No changes.
RAMUSAGE/PAGES	Added 6.5 support.
	Added FIND virtaddr/virtaddr.
	Added the IPDIR command.
	Fixed the problem with reading PAGES.DATA (introduced in version 2.38).
	Increased the allowable maximum memory to 10 GB for RAMUSAGE.
	Removed KELLY from PAGES@.DATA search. Changed to call logical pages "physical" and documented that we consider a physical page to be 4096 bytes.
REDWOOD	No changes.
REP	Changed the interaction between TIMES and QUIET, so datasets of a database don't get a time report, just the final total.
SHOT	Added 6.5 support.
	Added ADM fields: <ul style="list-style-type: none"> • KILLER • WAITNUM • WAITSEM • WAITSEMPIN

Release Notes

System Manager's Toolbox

Program(s)	Description of Product Change
SHOT	Added commands: <ul style="list-style-type: none"> • EXCLUDEPINS • EXCLUDEWAIT • NEWCI • PARENT • SET SUMMARY=NONE • SET TRACE • SHOW - "WAIT JOBS PORTS PSM PSP" • SUMWAIT • USEq
SHOT	Added initial QCterm support.
	Added undocumented ability to specify interrupt level for the KILL command (experimental).
	Fixed the display of long HFS program names (truncated in the middle).
	Fixed the problem: if no pins were selected, the "popular" wait reasons listed all reasons.
	Fixed the TABLES output.
SPOOK	Added LISTQ, LQ, LLQ, and FINDQ.
	Fixed the program to add SET/RESET SHOWRECNUMBER.
TINDEX	Added first STORE-to-disk support.
	Made a minor change to the timestamp printing for memory dumps (Barry Lake pointed out the problem. Thank you.)
	Made a minor revision to the MEMDUMP output format.

Version A.04

Program(s)	Description of Product Change
ACAP	No changes.
All Tools	Added 6.0 support.
	Added PAGES60.DATA to PAGES.
	Added Y2K compliance for REDWOOD, which completed the Y2K compliance for all tools in the System Manager's Toolbox product.
	Changed RAMUSAGE expiry to 1999-12-31.
BETIMES	No changes.
BLAZE	No changes.
CASPER	No changes.

Program(s)	Description of Product Change
ETC	No changes.
GRANT	No changes.
KLONDIKE	No changes.
KNOCKOUT	No changes.
MAGNET	No changes.
MODA	No changes.
PAGES	No changes.
REDWOOD	Changed some date formats to yyyy-mm-dd.
	Fixed \$TEMPDIR.
	Fixed a minor problem in providing the default SUMLOG file name.
	Fixed a minor problem that made Option a default option.
	Fixed the HFS filename problem that corrupted the maximum sectors column.
	Fixed the mmddy problem caused by the switch to a 32-bit calendar.
	Some HFS formerly displayed as "/// were changed to "".
REP	No changes.
SHOT	Added experimental LISTJOBQ (prefix).
	Added experimental SET VJOB, then do JOBS command.
	Added SHOT60.DATA.
	Added the ADM field ENTRY.
	Added the capability to report the number of processes created per minute since SHOT started.
	Added UPTIME command.
	Changed data after activity report (summary) to clean it up.
	Fixed a problem in ADM CMSZ and ADM CMSTACK display.
	Made a minor change to VAOUT/HTML for CGI-BIN support.
SPOOK	Added code to not do a "suspend" if parent is SH.HPBIN.SYS.
TINDEX	Fixed a problem with the 32-bit calendar.

Version A.03

Program(s)	Description of Product Change
ACAP	No changes.

Release Notes

System Manager's Toolbox

Program(s)	Description of Product Change
All Tools	Added the ADM fields: <ul style="list-style-type: none">• HEAPPAGES• PARENTPIN• POSIXPID• THDTYPE• THREADS• TIN• SHOT
	Included Y2K compliance for all tools with the exception of CHRONOS and REDWOOD.
BETIMES	Fixed parsing of some dates.
BLAZE	No changes.
CASPER	No changes.
ETC	No changes.
GRANT	No changes.
KLONDIKE	No changes.
KNOCKOUT	No changes.
MAGNET	Fixed parsing in filesctx.module (00/01/02).
MODA	No changes.
PAGES	No changes.
REDWOOD	No changes.
REP	No changes.
SHOT	Added SET FRONTPanelcpu to report the CPU utilization that would be on the front panel.
SHOT	Enabled the program to use HPCALENDAR (when available).
SPOOK	[RE]SET DEVCLASS was showing the constant "dev/cl". This is fixed.
TINDEX	No changes.

Version A.02

Program(s)	Description of Product Change
ACAP	No changes.
All Tools	Added 4.0 capability.
BETIMES	No changes.
BLAZE	No changes.

Program(s)	Description of Product Change
CASPER	Enabled CASPER to show "device class" and "priorities" in its output listing.
ETC	No changes.
GRANT	No changes.
KLONDIKE	No changes.
KNOCKOUT	No changes.
MAGNET	Enabled MAGNET to search for Qedit files.
MODA	No changes.
PAGES	No changes.
REDWOOD	No changes.
REP	No changes.
SHOT	No changes.
TINDEX	No changes.