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PUB.SYS What Is Behind It?



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PUB.SYS... What Is Behind It?

Introduction

We often receive questions like

- Is it allowed to purge the file CICAT.PUB.SYS; I am short of disc space?

or

- Do I need all the files LOGxxxx.PUB.SYS?

or

- What is the file COMMAND.PUB.SYS used for?

Before going into detail, let us look at the main functions of PUB.SYS, to provide you with a better understanding.

There is one basic reason for having the group and account PUB.SYS in MPE. PUB.SYS is used as a known location for operating system files and programs. You can think of it as MPE's pockets.

When MPE is created during system boot, a number of files are required, such as the SL, in order to build a running system from the boot image. PUB.SYS is used here as a known place to find these files. This allows the operating system to use the normal File System services after a certain point within the startup sequence. If PUB.SYS was not created, the files would still have to be placed in some part of the directory or in a known location on the system disc.

When the system is up, PUB.SYS is used as a repository for system utilities, catalogs, log files, etc. Anything that needs to be on a system is kept in PUB.SYS. If PUB.SYS did not exist, system tools and programs would have to try and figure out where supporting files and programs live. This could make things fairly complicated.

This Application Note gives information on the usage of all files contained in the account SYS. It is based on MPE V G.A3.06 (V-Delta-6) and includes all files from the FOS (Fundamental Operating System) tape, thus SUBSYS (Subsystems) files are not mentioned here.

PUB.SYS ... What Is Behind It

In answer to the question. Is it allowed to purge the file CICAT.PUB.SYS?

You must NEVER purge any file from PUB.SYS, as you run the risk of purging a file the system needs to work properly. The only exceptions are

- LOG####.PUB.SYS (system log file),
- INPLOG##.PUB.SYS (INP log file)
- NMLG####.PUB.SYS (NS log file),
- NMTC####.PUB.SYS (NS trace file)
- and similar files,

however, keep copies of the two most recent versions of each file. This provides information to the Response Center in case the need arises to analyze some logfiles because of problems.

Abbreviations / Meanings

FOS (Fundamental Operating System) consists of all programs and files necessary to drive the system and includes IMAGE, VPLUS, EDITOR and others.

SUBSYS (Subsystem) comprises products that have to be ordered separately, like TDP, PASCAL and others.

In the column DESCRIPTION "Subsystem" means a program or utility implemented in MPE with its own commands, like EDITOR or STORE. You can start these programs with

```
:RUN EDITOR.PUB.SYS
```

or

```
:EDITOR
```

Column FCODE shows the filecode of a file. Use LISTF,2 to check the filecode of a specific file.

R in column INFO means that this file is available after a RELOAD NULL. This means in fact that the file is essential for MPE!

PM in column INFO means that this program runs in Privileged Mode or is 'dangerous'.

WARNING

The normal checks and limitations that apply to standard users in MPE are bypassed in Privileged Mode. It is possible for a Privileged Mode program to destroy file integrity, including the MPE operating system software itself. The use of these programs requires detailed knowledge of the MPE internal structures.

Column **PRODUCT** shows the name of the product where the file belongs to. If the product name is blank, the file belongs to the product MPE.

Further Abbreviations

ACD	= Access Control Definition
ADCC	= Asynchronous Data Communication Controller
APD	= Arpa Pseudo Driver
ATP	= Advanced Terminal Processor
BSC	= Bisync Protocol
BRW	= Business Report Writer
CS	= Communication Systems
CST	= Code Segment Table
DFSM	= Disc Free Space Map
DS	= Distributed Systems
FST	= Free Space Table
IFS	= Interactive Formatting System
IMF	= Interactive Mainframe Facility
INP	= Intelligent Network Processor
KSAM	= Key Sequential Access Method
LANIC	= Local Area Network Interface Card
LSS	= Node Management
MRJE	= Multileave Remote Job Entry
MTS	= Multipoint Terminal Service
NCS	= Net Services Core
NLS	= Native Language Support
NS	= Network Services
PAD	= Package Assembler Disassembler
SNA NRJE	= System Network Architecture/Networking Remote Job Entry
SR	= Service Request
UDC	= User Defined Command

Files Contained in PUB.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
ACCOUNTJ				Job template to set up a group and a user with default accesses and capabilities
ASOCTBL5	PROG			Program to maintain the file ASSOCIATE.PUB.SYS used by the ASSOCIATE command
ATPDMS	PROG			Old version of TERMDMSM
AUTOINST	PROG	R	AUTOINST	Program to install additional products and PowerPatch tapes
BUILDINT	PROG	PM	BUILDINT	Program to maintain intrinsic files
CATALOG		R		MPE message catalog
CHRDEF01	CHARD	R	NLS	Character set definition for Roman8
CHRDEF02	CHARD	R	NLS	Kana8
CHRDEF03	CHARD	R	NLS	Arabic8
CHRDEF04	CHARD	R	NLS	Greek8
CHRDEF06	CHARD	R	NLS	Turkish
CHRDEF51	CHARD	R	NLS	Chinese-S
CHRDEF56	CHARD	R	NLS	Chinese-T
CHRDEF61	CHARD	R	NLS	Japanese
CHRDEF66	CHARD	R	NLS	Korean
CICAT				MPE HELP subsystem catalog
COBCAT			COBOLII	COBOLII message catalog
COMMAND				File containing information on each UDC set on the system
CONFDATA		R		File containing configuration values like table sizes, used by SYSDUMP/INITIAL
CONFINFO			AUTOINST	File containing file equations and configuration values of system discs, used by AUTOINST
CONVERT	PROG		VPLUS	Utility to convert VPLUS files used prior version A.01.01 (KSAM) to now used formsfiles
CSDTODIF			SDTODIF	SDTODIF message catalog
CSDUMMY	PROG	R	CS	CS dummy driver
DBCINV	PROG		TIMAGE	Utility to convert IMAGE databases into TurboIMAGE format and vice versa

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	----	-----	-----
DBDRIVER	PROG		TIMAGE	Utility to use IMAGE intrinsics without writing an application program
DBDUMP	PROG		TIMAGE	Utility to dump database contents
DBLOAD	PROG		TIMAGE	Utility to load the database with data from tape
DBRECOV	PROG		TIMAGE	Utility to recover the database from logfiles
DBRESTOR	PROG		TIMAGE	Utility to restore the database from a tape written with DBSTORE
DBSCHEMA	PROG		TIMAGE	Schema processor for compiling database 'source code'
DBSTORE	PROG		TIMAGE	Utility to backup databases to tape
DBUNLOAD	PROG		TIMAGE	Utility to unload database entries to tape
DBUTIL	PROG		TIMAGE	Utility to maintain TurboIMAGE databases
DBUTILB	PROG		TIMAGE	Utility to maintain IMAGE databases
DEFDATA		R		File containing the default configurations for HP supported devices, used by SYSDUMP/INITIAL
DEVDATA		R		File containing device configuration values of driver table, logical device table, device classes, used by SYSDUMP/INITIAL
DEVREC	PROG	R		Program for system process DEVREC (DEVICE RECOgnition)
DISKED5	PROG	PM		DISK EDITor, system utility to manipulate disk data
DLGINFO			AUTOINST	Indirect file used by AUTOINST to install AGL
DPAN5	PROG			Dump ANalyzer, program to format and print memory dumps
DUMPARCH				Same as DUMPJOBx, however, a tape is created instead of a printer output
DUMPJOB4				Job to create a package of memory dump printout, configuration values and more to analyze system failures (MPE IV)
DUMPJOB5				Same as DUMPJOB4, but for MPE V
DUMPMINI				Same as DUMPJOB5, however, the printout is less detailed
ECHOOFF	PROG		ADCC	Program to switch terminal echo off
ECHOON	PROG		ADCC	Program to switch terminal echo on
EDITOR	PROG		EDITOR	Program for subsystem EDITOR

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
ENTRY	PROG		VPLUS	Program to enter data with VPLUS screens into a datafile without writing an application program
FCOPY	PROG		FCOPY	Program for subsystem FCOPY
FORMGEN	PROG			Program printing SR forms based on the template DUMPJOB.PUB.SYS (now DUMPJOB5.PUB.SYS)
FORMSPEC	PROG		VPLUS	Program to create and modify VPLUS forms
FREE5	PROG		VPLUS	Utility to show disc space usage
FRMSPCFF	VFAST		VPLUS	Formsfile for FORMSPEC
FTNCAT			FORTRAN 77	FORTRAN 77 message catalog
FTP	PROG			UHAUL-like file compression program
GCMGSCAT	MGCAT		NLS	GENCAT message catalog
GENCAT	PROG		NLS	Utility to maintain NLS message catalogs
GETUDC	PROG			Utility writing the filenames of all active UDCs into a file
GUCAT000	MGCAT			GETUDC message catalog
GUS	PROG			System utility to check machine instructions, memory banks and system discs
HIOASLP0	PROG	R		Driver for serial printer (ATP)
HIOASLP2	PROG	R		- serial printer (ADCC)
HIOASNPO	PROG	R		- asynchronous serial network link ATP-ATP
HIOCDRDO	PROG	R		- cardreader (HP2893)
HIOCI PRO	PROG	R		- CIPER printer (HP2608S, HP256x)
HIOCTAPO	PROG	R		- cartridge tape (HP9140)
HIOCTAP1	PROG	R		- cartridge tape (HP9144)
HIOCTAP2	PROG	R		- cartridge tape (HP35401)
HIOCTAP3	PROG	R		- cartridge tape (HP9145)
HIOFLOP0	PROG	R		- flexible disc (HP9895)
HIOLPRT0	PROG	R		- line printer (HP2608A)
HIOLPRT1	PROG	R		- line printer (HP2631)
HIOLPRT2	PROG	R		- line printer (HP261x)
HIOMDSC1	PROG	R		- disc (HP7906A, HP792x)
HIOMDSC2	PROG	R		- disc (HP791x, HP793x, HP7945)
HIOPRTO	PROG	R		- page printer (HP2680, HP2688)
HIOTAPE0	PROG	R		- tape drive (HP7970)
HIOTAPE1	PROG	R		- tape drive (HP7976)
HIOTAPE2	PROG	R		- tape drive (HP7974, HP7978)
HIOTAPE3	PROG	R		- tape drive (HP7980)
HIOTERM1	PROG	R		- terminal (ATP)
HIOTERM2	PROG	R		- terminal (ADCC)
HP32209B	PROG		VPLUS	Shows VPLUS intrinsic versions
HP32424A	PROG		HI-LI	Shows HI-LI intrinsic versions
HPBBCAT	MGCAT		HPBB	BusinessBasic message catalog
HPSWINFO				File containing versions of installed products and patches



FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
I7DB8CNV	PROG		NLS	Utility to convert data in TIMAGE databases from HP 7-bit to ROMAN8 character set
IFHPIBFS		R		Indirect file containing all FOS files for HP3000 with HPPIB file system
IDAT5	PROG	PM		Interactive Dump Analysis Tool used to analyze memory dumps
IDATHELP				IDAT5 message catalog
IMAGECAT			TIMAGE	TurboIMAGE message catalog (old)
ININ	PROG	R		System program for interrupt handling
INITIAL	PROG	R		System program for bootstrap
INITNLS	PROG		NLS	System program to initialize data segments for NLS
INSTALL	PROG		AUTOINST	Program started by AUTOINST to create COLDLOAD tape
INSTCAT	MGCAT	R	AUTOINST	AUTINST message catalog
IOCDPNO	PROG	R/PM		Program to work with ATTACHIO procedure
IODSO	PROG	R	DS	Driver for DS/BSC line monitor
IODSTRM0	PROG	R	DS	- DS/BSC virtual terminal
IODSTRM1	PROG	R	DS	- DS/X.25 virtual terminal
IODSTRMX	PROG	R	X.25	- DS/X.25 virtual terminal
IODSX	PROG	R	X.25	- DS/X.25 line monitor
IOINP0	PROG	R		- INP (old version)
IOINP1	PROG	R		- INP (new version)
IOLANO	PROG	R		- LANIC
IOM3270	PROG	R	IMF	- IMF dummy driver
IOMCONSO	PROG	R	IMF	- MRJE pseudo console
IOMPLP0	PROG	R	MTS	- MTS multipoint printer
IOMPNLPO	PROG	R	MRJE	- MRJE pseudo line printer and card punchers
IOMPS0	PROG	R	MTS	- MTS multipoint supervisor
IOMPTRM0	PROG	R	MTS	- MTS multipoint terminal
IOMRDRO	PROG	R	MRJE	- MRJE pseudo card reader
IOMRJE0	PROG	R	MRJE	- MRJE pseudo line monitor
IOMRJE1	PROG	R	MRJE	- MRJE pseudo line monitor
IONRDRO	PROG	R	SNA NRJE	- NRJE pseudo reader
IOPADO	PROG	R	X.25	- DS/X.25 PAD terminal
IOPAD1	PROG	R	X.25	- DS/X.25 PAD printer connected with HP2334A
IOPTERM0	PROG	R	APD	- ARPA pseudo terminal
IOVTERM0	PROG	R	NSC	- NS virtual terminal
KSAMUTIL	PROG		KSAM	Utility to create and maintain KSAM files
LANDIAG	PROG			Utility for diagnostics on a LANIC
LANGINST	PROG		NLS	Utility to maintain NLS
LINK100	PROG			DSN/LINK host program for PC/Host communication
LINKMGR	PROG	R	LSS	Program for system process LINKMGR
LISTDIR5	PROG			Utility to list directory entries like account, group, user or file

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
LISTLOG5	PROG			Utility to analyze SYSTEM LOG files
LOAD	PROG	R		Program for system process LOAD (LOADer)
LOADLIST		R		File used by LOAD, contains the output of the last program run with LMAP option or with UNRESOLVED PROG EXTERNALS
LOADMAP		R		Table with system SL segment number, name and corresponding CST entry
LOG	PROG	R		Program for system process LOG
LOG0001		R		SYSTEM LOG file written by LOG, can be analyzed by LISTLOG5
MAKECAT	PROG	R		Utility to compile message catalogs
MEMLOG	PRIV	R		MEMORY LOG file written by MEMLOG, can be analyzed by MEMLOGAN
MEMLOGP	PROG	R		Program for system process MEMLOGP (MEMORY LOGging Process)
MEMLOGAN	PROG			System utility to analyze MEMORY LOG files
MEMTIMER	PROG	PM		System utility to change MEMLOGP parameters
MERGE	PROG		SORT/MERGE	Utility to merge files (used with SORT)
MONITOR	PROG		PCSERVER	ADVLINK host program for PC/Host communication
MPECHECK	1023	R		File created by SYSDUMP/INITIAL containing code segment names and length
N7MF8CNV	PROG		NLS	Utility to convert standard text files from HP 7-bit to ROMAN8 character set
NLIOCAT				NLIOUTIL message catalog
NLIOUTIL	PROG			Utility to maintain NLIO 16-bit character sets like KATAKANA
NLSCAT	MGCAT		NLS	NLS message catalog
NLSDEF	CHARD	R	NLS	File containing NLS definitions, used by NLUTIL/LANGINST
NLUTIL	PROG		NLS	Utility for maintaining NLS's CHARD character set definition file
PASCAT			PASCAL	PASCAL message catalog
PATCH	PROG			Utility to patch programs
PCCI	PROG		PCSERVER	Server program used for HPDESK
PCLOG000	MGCAT		PCSERVER	PCLOGLST message catalog
PCLOGLST	PROG		PCSERVER	Utility to analyze Datacom Library Linklog files

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
PCMANAGE	PROG	R	LSS	Program for NS system process
PCONVERT	PROG	PM		Utility required to update from MPE IV to MPE V
PCSERVER	PROG		PCSERVER	Program for Basic Serial Connection (PC/Host)
PFAIL	PROG	R		Program for system process PFAIL (PowerFAIL)
PJQP209B	PROG		VPLUS	Program used by FORMSPEC to print forms
PROGEN	PROG	R		Program for system process PROGEN (PROGENitor)
PVERIFY	PROG			Program verifier for BASIC3000 to check illegal PCAL instructions after updating to MPE V/E
PVINIT	PROG	R		Program for subsystem VINIT to maintain PRIVATE VOLUMES and SERIAL DEVICES (Cartridge)
PVPROG	PROG	R		Program for system process PVPROG (PrivateVolumePROgram)
QSMG000	MGCAT		QUERY	QUERY message catalog
QUERY	PROG		QUERY	TIMAGE database query program
RACCSDIC	PROG		BRW	Access Central dictionary interface program
RAPPDIC	PROG		BRW	APPDIC dictionary interface program
RCOMP	PROG		BRW	BRW report compiler
RCONF00	RCONF		BRW	BRW standard configuration file
RCONVERT	PROG		BRW	Utility to convert Report/V and Inform/V reports to BRW reports
RDESKBRW	PROG		BRW/DESK	Program used for BRW/HPDESK
RDIC3000	PROG		BRW	DICT3000 dictionary interface program
RDICLIST	PROG		BRW	Program to list RDIC file
RDLIT000			BRW	Dictionary interface literals file
RDSKL000			BRW/DESK	BRW/DESK literals file
RDSKM000	MGCAT		BRW/DESK	BRW/DESK message file
RECOVER5	PROG			Utility used to restore MPE files saved with SADUTIL (DUS utility)
REFORMAT	PROG		VPLUS	Utility used to reformat VPLUS batch files created with ENTRY to use them with an application program
REFSPEC	PROG		VPLUS	REFORMAT design program, used to change reformatting specifications
REMOVACD	PROG	PM		Program to delete all ACDs in a fileset
EMPTY	PROG		BRW	Program to empty a BRW intermediate report file
REXEC	PROG		BRW	BRW report execution program
RFMSPCFF	VFAST		VPLUS	Formsfile for REFORMAT
RFORM000	VFAST		BRW	Formsfile for BRW

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
RGENDIC	PROG		BRW	Program to generate BRW RDIC file
RJOB000			BRW	Standard BRW job file
RLIST	PROG		BRW	Program to list report specifications
RLIT000			BRW	BRW literals file
RMSG000	MGCAT		BRW	BRW message catalog
RSDEXT			BRW	Command file to add SYSDIC extensions
RSETUP	PROG		BRW	BRW configuration program
RSORT	PROG		BRW	BRW sort program
RSTART	PROG		BRW	Program to request a BRW report
RSTREAM	PROG		BRW	Program used by BRW to stream a report
RSYSDIC	PROG		BRW	SYSDIC dictionary interface program
SCOPE	PROG		SCOPE	Program used by performance measurement tools like LaserRX
SDFCHECK	PROG	R		Program checking the syntax of SDFCOM used by SYSDUMP
SDFCOM		R		File containing the commands executed by SDF, if the DUMP command is entered
SDFGEN	PROG	R/PM		Program generating the SDF program
SDFLOAD		R		SDF (Software Dump Facility) system program used to copy main and virtual memory to tape (memory dump)
SDTODIF	PROG		SDTODIF	Utility to convert SD files (Self Describing) to DIF files used by PCs
SECDATA		R		File containing Security Monitor configuration
SEG DVR	PROG	R		Program for subsystem SEGMENTER
SEGHELP				SEGMENTER message catalog
SEGPROC	PROG	R		Program for subsystem SEGMENTER, called by SEG DVR
SL	SL	R		System Segmented Library, contains MPE code, intrinsics and more
SLPATCH	PROG	PM		Utility to patch SL files
SORT	PROG		SORT/MERGE	Utility to sort files (used with MERGE)
SPECPROD				File used by AUTOINST to install special products
SPLINTR				File containing intrinsic header definitions, maintained by BUILDINT
SPOOK4	PROG			Utility for spoolfiles (MPE IV)
SPOOK5	PROG			Utility for spoolfiles (MPE V)
STORE	PROG	R		Program for subsystem STORE and RESTORE, used to store and restore files

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
SUPACCT				Job used to create account structure needed to install products in SPECPROD, used by AUTOINST
SYSDUMP	PROG	R		Program for subsystem SYSDUMP, used to change system configuration and to back up the complete system including I/O configuration and directory
SYSSTART				File containing MPE commands the system must execute after startup
SYSWCS37		R		File containing microcode for 3000/37
SYSWCS64		R		File containing microcode for 3000/6x
TEMPLATE			AUTOINST	Job template for job creating cold load tape, used by AUTOINST
TERMDSM	PROG		ADCC	Utility to check ATP and ADCC ports
TICAT000	MGCAT		TIMAGE	TurboIMAGE message catalog (new)
TT10	TTYPE	R	ADCC	Terminal type descriptor files
TT10NOEC	TTYPE	R	ADCC	
TT12	TTYPE	R	ADCC	
TT13	TTYPE	R	ADCC	
TT15	TTYPE	R	ADCC	
TT16	TTYPE	R	ADCC	
TT18	TTYPE	R	ADCC	
TT18NOEC	TTYPE	R	ADCC	
TT18PLUS	TTYPE	R	ADCC	
TT19	TTYPE	R	ADCC	
TT20	TTYPE	R	ADCC	
TT21	TTYPE	R	ADCC	
TT22	TTYPE	R	ADCC	
TT31	TTYPE	R	ADCC	
TT4	TTYPE	R	ADCC	
TT6	TTYPE	R	ADCC	
TT7550	TTYPE	R	ADCC	
TT9	TTYPE	R	ADCC	
TTPCL18	TTYPE	R	ADCC	
TTPCL19	TTYPE	R	ADCC	
TTPCL22	TTYPE	R	ADCC	
TTPCL26	TTYPE	R	ADCC	
UCOP	PROG	R		Program for system process UCOP (User Controller Process)
V7FF8CAT			VPLUS	V7FF8CNV message catalog
V7FF8CNV	PROG		VPLUS	Utility to convert formsfile from 7-bit to 8-bit character set
V7FF8FRM	VFAST		VPLUS	Formsfile for V7FF8CNV
VERRMSG			VPLUS	VPLUS subsystem message catalog

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
VFC31B7	TVFC	R	ADCC	VFC file for TT19
VFC31B8	TVFC	R	ADCC	VFC file for TT20
VFC7550	TVFC	R	ADCC	VFC file for TT7550
VFCPCL	TVFC	R	ADCC	VFC file for TTPCLx
WCSLE1		R		File containing microcode for MICRO 3000/XE
WCSLE2		R		File containing microcode for MICRO 3000
XSORT	PROG		RPG	Program used by RPG for sorting

Files Contained in CONVALL.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
CONVUDC			TIMAGE	The files in this group are used to convert all databases on the system from IMAGE/3000 to TurboIMAGE/3000 or vice versa
DOC			TIMAGE	
MASTUSE			TIMAGE	
TMPCONV1			TIMAGE	
TMPCONV3			TIMAGE	
TMPCONVP	PROG		TIMAGE	
TMPCONVX			TIMAGE	
VSTREAM	PROG		TIMAGE	

Files Contained in CREATOR.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
A00A047A			MODCAL'LIB	Command files to add segments to the system SL for different products
A00A103B			BASIC Compiler	
A00A104A			RPG	
A00A106A			PASCAL	
A00A115A			HPBB	
A00A116A			FORTRAN 77	
A00A205B			Scientific Lib	
A00A209B			VPLUS	
A00A211D			Compiler Lib	
A00A214C			Sort/Merge	
A00A215C			TIMAGE	
A00A232A			COBOLII	
A00A414A			NLS	
A03A196A			ADCC	
A04A196A			ADCC	
A05A196A			ADCC	
A06A196A			ADCC	
BACKWARP	PROG	PM		DFSM -> FST conversion utility used when updating from IMPACT-MIT to an older release
BKWDUPDT	PROG	PM		COLDLOAD information table conversion utility
CCATALOG				BACKWARP message catalog
CONF33	PROG	PM		Program used to upgrade from a 3000/30 or 3000/33
CONVP	PROG	PM		FST -> DFSM -> conversion utility used when updating from IMPACT-MIT to a newer release
MPEBAKUP				Job to create a coldload tape
PVCONVP	PROG	PM		FST -> DFSM -> conversion utility used for PRIVATE VOLUMES, when updating from IMPACT-MIT to a newer release
SOFTWARE	PROG	PM		Program to customize subsys tapes (Customer Software Configurator)
SUBSYS				Documentation file for SOFTWARE
SYSTEMII				Indirect file used by SYSDUMP

Files Contained in DOCUMENT.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
N00NLS33				Job to copy MPEMIT33.PUB.SYS (file used prior to HPSWINFO.PUB.SYS to trace patch installation) to \$STDLIST

Files Contained in HPENV.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	----	-----	-----
BORDERS	PFORM		IFS	Environment files used with Laser printer HP2680 and HP2688
COUR88A	P2680		IFS	
COUR88E	P2680		IFS	
COURBA	P2680		IFS	
COURIA	P2680		IFS	
COURRA	P2680		IFS	
DOC	P2680		IFS	
DOC1X	P2680		IFS	
DOC2	P2680		IFS	
DOC2X	P2680		IFS	
DOC4	P2680		IFS	
ELITE	P2680		IFS	
ELITE1	P2680		IFS	
ELITE1G	P2680		IFS	
ELITE1N	P2680		IFS	
ELITE1S	P2680		IFS	
ELITE1U	P2680		IFS	
ELITE1W	P2680		IFS	
ELITE1X	P2680		IFS	
ELITE2	P2680		IFS	
ELITE2F	P2680		IFS	
ELITE2G	P2680		IFS	
ELITE2N	P2680		IFS	
ELITE2S	P2680		IFS	
ELITE2U	P2680		IFS	
ELITE2W	P2680		IFS	
ELITE2X	P2680		IFS	
ELITE4	P2680		IFS	
GOTH88A	P2680		IFS	
GOTH88E	P2680		IFS	
GOTHBA	P2680		IFS	
GOTHIA	P2680		IFS	
GOTHRA	P2680		IFS	
LAND	P2680		IFS	
LAND2	P2680		IFS	
LAND4	P2680		IFS	
LP	P2680		IFS	
LP2	P2680		IFS	
LP4	P2680		IFS	
LP60	P2680		IFS	
LP602	P2680		IFS	
LP604	P2680		IFS	
LP88	P2680		IFS	
LP882L	P2680		IFS	
LP882P	P2680		IFS	
LP884L	P2680		IFS	
LP884P	P2680		IFS	
LPK	P2680		IFS	
LPK2	P2680		IFS	

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
-----	-----	-----	-----	-----
LPK4	P2680		IFS	
LTITAL1X	P2680		IFS	
LTITAL2X	P2680		IFS	
PICA	P2680		IFS	
PICA1F	P2680		IFS	
PICA1G	P2680		IFS	
PICA1N	P2680		IFS	
PICA1S	P2680		IFS	
PICA1U	P2680		IFS	
PICA1W	P2680		IFS	
PICA1X	P2680		IFS	
PICA2	P2680		IFS	
PICA2F	P2680		IFS	
PICA2G	P2680		IFS	
PICA2N	P2680		IFS	
PICA2S	P2680		IFS	
PICA2U	P2680		IFS	
PICA2W	P2680		IFS	
PICA2X	P2680		IFS	
PICA4	P2680		IFS	
PICABA	P2680		IFS	
PICAIA	P2680		IFS	
PICAK	P2680		IFS	
PICAK2	P2680		IFS	
PICAK4	P2680		IFS	
PICARA	P2680		IFS	
PORT	P2680		IFS	
PORT2	P2680		IFS	
PORT4	P2680		IFS	
PRESBA	P2680		IFS	
PRESIA	P2680		IFS	
PRESRA	P2680		IFS	
PROP88A	P2680		IFS	
PROP88E	P2680		IFS	
ROMPBA	P2680		IFS	
ROMPIA	P2680		IFS	
ROMPRA	P2680		IFS	
SCRIPT1X	P2680		IFS	
SCRPRA	P2680		IFS	

Files Contained in NCMS.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
NCSCONF	NCONF		NCS	Programs used by NS Diagnostics Monitor (NS Diag) and NS Performance Monitor (PerM); both are part of Network Control Management Subsystem (NCMS)
NCSSMON	PROG		NCS	
NCSRL	PROG		NCS	
NCSSERV	PROG		NCS	
NCSTS	PROG		NCS	
NCSUDC			NCS	
SMS	PROG		NCS	

Files Contained in USL.SYS

FILE	FCODE	INFO	PRODUCT	DESCRIPTION
I0032033			MPE	Installation job for product HP32033 (MPE)
I0032433			AUTOINST	Installation job for product HP32433 (AUTOINST)
I0036070			BRW	Installation job for product HP36070 (BRW)

Published Application Notes

HP 3000

Following is a list of the Application Notes published to date. If you would like to order single copies of back issues please use the *Request Form* attached and indicate the number(s) of the note(s) you need, and the part number(s).

Note #	Part Number	Topic
1	5958-5824	Printer Configuration Guide - Version 1
2	5960-2841	Terminal types for HP 3000 HPIB Computers - Version 1
3	5960-2842	Plotter Configuration Guide
4	5960-2843	Printer Configuration Guide - Version 2
5	5960-2844	MPE System Logfile Record Formats
6	5960-2845	Stack Operation
7	5960-2846	COBOL II/3000 Programs: Tracing Illegal Data
8	5960-2847	KSAM Topics: COBOL's Index I/O: File Data Integrity
9	5960-2848	Port Failures, Terminal Hangs, TERMDSM
10	5960-2849	Serial Printers - Configuration, Cabling, Muxes
11	5960-2850	System Configuration or System Table Related Errors
12	5960-2851	Pascal 3000 - Using Dynamic Variables
13	5960-2852	Terminal Types for HP 3000 HPIB Computers - Version 2
14	5960-2853	Laser Printers - A Software and Hardware Overview
15	5960-2854	FORTLAN Language Considerations - A Guide to Common Problems
16	5960-2855	IMAGE: Updating to TurboIMAGE & Improving Database Loads
17	5960-2856	Optimizing VPLUS Utilization
18	5960-2857	The Case of the Suspect Track for 792X Disc Drives
19	5960-2858	Stack Overflows: Causes & Cures for COBOL II Programs
20	5960-2859	Output Spooling
21	5960-2860	COBOLII and MPE Intrinsics
22	5960-2861	Asynchronous Modems

HP 3000 (continued)

Note #	Part Number	Topic
23	5960-2862	VFC Files
24	5960-2863	Private Volumes
25	5960-2864	TurboIMAGE: Transaction Logging
26	5960-2865	HP 2680A, 2688A Error Trailers
27	5960-2866	HP Trend: An Installation and Problem Solving Guide
28	5960-2867	The Startup State Configurator
29	5960-2868	A Programmer's Guide to VPLUS 3000
30	5960-2869	Disc Cache
31	5960-2870	Calling the CREATEPROCESS Intrinsic
32	5960-2871	Configuring Terminal Buffers
33	5960-2872	Printer Configuration Guide - Version 3
34A	5960-2873	RIN Management (Using COBOLII Examples) (A)
34B	5960-2874	Process Handling (Using COBOLII Examples) (B)
35	5960-2875	HPDESK IV (Script files, FSC, and Installation Considerations)
34C	5960-2876	Extra Data Segments (Using COBOLII Examples) (C)
36	5960-2877	Tips for the DESK IV Administrators
37	5960-2878	AUTOINST: Trouble-free Updates
38	5960-2879	Store/Restore Errors
39	5960-2880	MRJE Emulates a HASP Workstation
40	5960-2881	HP 250 / 260 to HP 3000 Communications Guidelines
41	5960-2882	MPE File Label Revealed
42	5960-2883	System Interrupts
43	5960-2884	Run Time Aborts
44	5960-2885	HPPA Patching Conventions for HP3000 900 Series Processors - Version 1
45	5960-2886	Vplus & Multiplexers
46	5960-2887	Setting Up an HPDesk HPTelex for the First Time
47	5960-2900	Customizing Database Data Items & Changing Passwords in JCL Files
48	5959-9215	Printer Configuration - Version 4
49	5959-9227	Configuring DATACOMM Products Into MPE
50	5959-9228	VFC's for Serial Printers

HP 3000 (continued)

Note #	Part Number	Topic
51	5959-9237	Terminal Types for the HP 3000 HPIB Computers
52	5959-9242	Configuring MRJE
53	5959-9245	Using Special Characters on the 700/9x Series Terminals
54	5959-9251	Improving Database Performance
55	5959-9258	Customized Message Catalogs and Help Facilities
56	5959-9266	BRW Tips for Beginners
57	5959-9270	Configuring the HP 2334A Plus & HP 2335A As a Statistical Multiplexer
58	5959-9274	HPPA Pathing Conventions for HP3000 900 Series Processors - Version 2
59	5959-9289	HP 2334A and HP 2334A Configuration Recipes
60	5959-9301	TurboIMAGE's I-FILES and J-FILES
61	5959-7385	HPDeskManager - Looking Behind the Scenes
62	5959-7803	Setting Up a System Dictionary
63	5959-7834	Configuring Telesupport Modems for MPE V/E Systems
64	5960-1816	Finding Solutions in HP SupportLine
65	5960-1817	Using the Electronic Call Feature of HP SupportLine
66	5960-1818	Using the Feedback Feature of HP SupportLine
67	5960-1819	Printing Documents from HP SupportLine
68	5960-1820	HP SupportLine Commands
69	5960-2901	Nonsystem Volume Sets and the Migration of Private Volumes to an S9000 HP 3000
70	5960-2907	Modem Links for Remote Console and Standard DTC Connections on Commercial XL HPPA Systems
71	5960-2918	Asynchronous Cabling
72	5960-2919	BRW Tips and Tricks
73	5960-2998	SNA NRJE Configuration
74	5960-2999	SNA IMF Configuration
75	5060-3000	XL NRJE Configuration
76	5960-4301	XL IMF Configuration
77	5960-4302	Calling the BRW Intrinsic
78	5960-4303	PUB.SYS What Is Behind It?



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