



UNIX<sup>®</sup> System V/386  
Release 3.2

AT&T FACE Release Notes

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# **AT&T UNIX SYSTEM V/386 RELEASE 3.2 AT&T FACE RELEASE NOTES**

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## **Installation**

### **Access to AT&T FACE**

After installing AT&T FACE (in order to invoke AT&T FACE and set the internal variables), you should log off and log back on. Users that already exist on the system at the time of the AT&T FACE installation do NOT have the proper environmental variables set to automatically invoke AT&T FACE.

### **AT&T FACE Not Automatically Invoked**

If you are at the shell level and AT&T FACE is not invoked, the default function keys have the attribute field set to (T). This means the value of the key is transmitted to the host computer only. If you press two function keys, the keyboard will lock. The only way to fix it is by pressing the soft reset button.

If you set the attribute field to (L), the value will be executed locally, which is what you want. The keyboard will behave as we expect. However, when AT&T FACE is executed it appears that when the soft-label keys get set, the attribute field returns to the default value of (T). The keyboard will lock after you strike a function key. A soft-reset will unlock the keyboard. There is also another mode, (N), which treats the keys as alphanumeric. It involves setting local, echo, and remote modes.

**Workaround:** If you want to use one of the hp2621 series terminals to run AT&T FACE, you should not use the function keys. You should use **CNTRL-f #** to complete the actions you want. If you strike a function key by mistake, the soft-reset button (top right) has to be pressed.

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# Office

## Find Command

The **find** command in AT&T FACE cannot be used to search objects from root directory (/) for this release. If it is really necessary to search something from root directory, you can escape to UNIX System shell to invoke **find(1)** at shell prompt. If you have some idea of what File Folder the object may appear in, you can open that File Folder and execute the **find** command. All files and file folders under this File Folder will be searched.



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# System Administration

## Mail Setup/This System

When using the mail setup feature for establishing your system, there will be a field that asks: "Should mail have a password?:" If the answer is No, then make sure that the variable `PASSREQ` in `/etc/default/login` is set to No. If the variable `PASSREQ` is set to Yes and if the minimum amount of time has expired for password aging, then a login without a password will be prompted for a new password and the `uucp` command will fail because it will not have a password to provide.

## Program Administration

### Command Field in Program Administration Form

For commands that contain a "`!`", user-defined programs are not created properly. If the command contains a "`!`", you should create an executable file to include the command and enter the file name in the Command field. If the file resides under the directories defined by the default path in `/etc/profile`, entering the file name will be sufficient, otherwise the full path name should be entered.

### Changing Name of Application

To change the name of an application that appears in the Programs Menu, you must delete it through Program Administration and then add it again with a new name.

### Application Run Mode

Program Administration allows you to enter new programs to the Program frame. When entering new commands, you can request the mode in which you would like the program to run (virtual terminal, X Window, or suspend AT&T FACE). If the X Window System is installed, the default for this mode is incorrect. It should be item 4 and not item 2. If you wish to change the mode, select the correct mode from the Choices menu after pressing CHOICE.

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## **Applications that Update AT&T FACE**

Any application that updates the AT&T FACE frames should be installed after AT&T FACE has been completely installed and is invoked properly by the user. These applications change AT&T FACE Menus. If the application is put on before AT&T FACE, you will not be able to access certain functionality via AT&T FACE. Some of these applications are: X Windows, Simultask, STARLAN, and Tape Utilities.

## **STARLAN Administration in AT&T FACE**

The STARLAN Administration function under AT&T FACE may change some of the function key definitions. Be aware of which function key is selected when using the STARLAN screens.

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# General Information

## Form Input

On multi-lined fields, input might not be split appropriately and an error will occur. This occurs randomly. It can usually be fixed by opening the MARK menu again and re-selecting the items.

## Displaying Graphics Applications

If you select a UNIX System or MS-DOS application, and that application disables the graphical character set, you will see the frames of the interface as "x" and "+". You must exit to the UNIX System and execute **tput init** to enable the graphical character set again.

## Objects Cannot be Displayed

Some of the AT&T FACE frames are larger than 80 x 24; some screens may produce a message stating that the object cannot be displayed. Here are some of the workarounds:

- If you invoke AT&T FACE from a layer or X Window, and a message appears stating that the object cannot be displayed, increase the layer or X Window size to be 80 x 25. The layers sizes for a terminal that supports window capabilities can be changed with the Setup window (check your terminal's manual). The window sizes in X Window can be increased in a number of ways:
  - If X is started manually (via **xinit**), you can increase you window size by executing **xterm -geometry 80x25&** in an xterm or attwm window. This will make your next X window 80 x 25.
  - You may change your *.Xdefaults* file (located in your \$HOME directory) to increase the size of your new X Windows by putting in the line:

```
xterm*80x25
```

This will not increase your first window frame, just subsequent windows, if X Windows is invoked manually (via **xinit**).

- If X Windows is automatically invoked at login, the window size should be 80 x 25.
- If you invoke AT&T FACE from a terminal that cannot handle 80 x 25, you may have to perform the action with shell level commands or use alternate sequences for function/special keys.

## Setting TERM variable

There exists a file (*/etc/ttytype*), which is a data file containing device name and terminal types, that will be set for those devices (TERM variable). The default terminal type for the */dev/console* is AT386-M (monochrome), you will need to edit */etc/ttytype* to change the terminal type and then log off and on again to reset the TERM variable. For example, if you have a color monitor, you will have to change "AT386-M" to "AT386" on the */dev/console* line. Other device terminal types can be set in this file. The */etc/stdprofile* also asks for the value of TERM if you are logged on to a device other than the console. This value will overwrite the value in */etc/ttytype*.

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# Virtual Terminal

## Using `shl(1)`

`shl(1)` does not work when invoked from within a virtual terminal (VT). The `shl(1)` command will fail with an error message, indicating that it could not find an entry for the terminal in the `utmp` file. This happens because a VT does not have an entry in that file. This is not a serious problem since the VT feature provides functionality that is far superior to that of `shl(1)`.

## `newvt(1)` and `vtermgr(1)`

`vtermgr(1)` inherits the environment that exists at the time that it is invoked. All VTs are opened by selecting a VT selector sequence (i.e., ALT-SysRq Fn, where n is a number from 1-7 or Fn can be a function key) and will inherit the environment of the `vtermgr(1)` process. If an ordinary user logs on to the system and becomes the root user using the `/bin/su(1)` command and invokes `vtermgr(1)` while still being root, all VTs that are opened will be executed using the uid of root.

**Workaround:** The `vtermgr(1)` is normally invoked from within your `.profile`. By always invoking `vtermgr(1)` from the `.profile`, the VTs will be opened, using your uid.

## AT&T FACE and `vtermgr(1)`

If you log on to the console with AT&T FACE invoked automatically, the VT manager (`vtermgr`) will start. This enables you to utilize the VTs that are active on the console to run additional shells. If you do not invoke AT&T FACE automatically and log on to the console, the VT manager will not be started. You will need to execute `vtermgr` at the shell prompt or add the `vtermgr` command to your `.profile`.

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# Notes

## Office Notes

### Display Privileged Frames/Menus via Display Frame Function

If you are a non-privileged user, you can display frames/menus that are normally a privileged frame/menu if you input the full path name of the frame in the **Display Frame** frame. The frame will appear when you log in the next time, but no action will be taken because you are a non-privileged user.

**Workaround:** None.

## Printer Operation Notes

### Wrong Warning Message Displayed

If no requests are queued to printer classes, the wrong warning will appear. The warning states: try selecting requests by class, request id, or user login. This is misleading. You should try printer name, request id, or user login.

**Workaround:** none.

## System Administration Notes

### Printer Configuration Displays Content Type Incorrectly

The Display function in **Configure A Printer** shows the wrong content type for printers with similar names (abc, abcd).

**Workarounds:**

- Under **Configure A Printer**, you can select Change instead of Display to see the correct content type. Press CANCEL when you have finished viewing the screen.

- If you select **UNIX System**, you can execute `lpstat(1) -pprintername -l` to display the configuration of the printer.
- Select printer names that are not so similar.

## **Second Serial Port Cannot be Enabled/Disabled from Virtual Terminals**

Privileged users will not be able to enable/disable second serial port from a VT or X window.

**Workaround:** Perform this action only on the console and not on a VT or X window.

## **Serial Ports Setup Installed Wrong Device for uucp Connection**

The default device name for a serial port setup for a connection to a computer is set as ACU but should be set as direct.

**Workaround:** Input direct as the device name when the computer will be accepting outgoing calls.

## **Rebooting Under Software Setup Gets umount Busy Error**

If you are installing or removing an application that rebuilds the kernel and automatically need to reboot, the following will print when the shutdown is being executed:

```
umount:/dev/dsk/0s3 busy
```

No harm is done to the `/dev/dsk/0s3 (/usr)` file system. It will be rechecked when the system comes up again.

**Workaround:** Strike ESC when asked if a reboot should occur, and then execute **Shutdown** from the **System Administration** menu.

## **Install/Remove a UNIX System Package That Needs to Reboot May Cause a Messed Up Console**

**Software Setup** may cause the system to be rebooted if the kernel is rebuilt. If AT&T FACE is executed from the UNIX System prompt, there is a chance that the screen will be scrambled. This problem will also occur if you execute **Shutdown** from **System Administration**. After resetting the machine, the screen will be cleared.

**Workaround:** Execute AT&T FACE automatically from login when doing a shutdown of the system.

### **User Logins do not Permit Dashes in Full Name**

You cannot input or change a full name to contain dashes. The full name can be letters, numbers, and periods only.

**Workaround:** Manually edit */etc/password* and change the full name to include dashes, or use a blank space instead of a dash. The editing process has to be done by a root user.

### **Login is Added Even If Entering a Password Fails**

After all the information is entered for adding a user login, the system administrator will be asked to input a password. Submitting a password will fail if the administrator inputs a number of incorrect password entries. Even though entering a password failed, the new login will be entered in the */etc/passwd* file. A new user will have problems logging on to the system with this login because of the failure of inputting a password.

**Workaround:** Delete and try to add the new login again. Or, as a root user, execute the `passwd(1M)` command on the new login, and re-enter a `passwd`.

### **Need More Information in Error Messages**

When you try to mount a floppy that is not formatted, "Floppy is not inserted correctly. Re-insert, close latch, and CONT to continue." appears as a warning frame. This warning does not inform you that the floppy is not formatted properly.

**Workaround:** Make sure the floppy is inserted correctly and is formatted.

### **Incorrect Error Message When Formatting Floppy and Driver is in Use**

When formatting a floppy from AT&T FACE and the drive is owned by another process, you will receive the following message:

Floppy is not inserted correctly, Re-insert, close latch, and CONT to continue.



**Workaround:** Make sure that the floppy is inserted properly and that the drive is not being used by another process, especially Simul-Task.

## **Help Notes**

### **Help File Missing**

The *help* file (for removing files of a user that is about to be deleted) is missing.

**Workaround:** Read up on this process in the *AT&T FACE User's/Administrator's Guide* if it is not already self-explanatory. If you respond Yes to this question, the HOME directory and the files will be moved to */lost+found*. If you respond No, your HOME directory and all the files will remain intact.

### **Help for AT&T FACE Menu States Wrong Information**

The help screen for the AT&T FACE menu states that the **Programs** menu item is conditional. This is incorrect. The **Programs** menu item will always appear, since the **Mail Services** will be an item in that menu.

**Workaround:** None.



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## **Appendix A: Installation Diskette Files**

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FACE Utility Package, Contents of 4 Diskettes	A-1
FACE HELP Utility Package, Diskette 1 of 1	A-22



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## Appendix A: Installation Diskette Files

### FACE Utility Package, Contents of 4 Diskettes

Size  
Files  
Name  
Install  
Remove  
etc  
etc/.useradm  
etc/vtgetty  
usr  
usr/bin  
usr/bin/displayenv  
usr/bin/menu\_add  
usr/bin/menu\_del  
usr/bin/newvt  
usr/bin/vtlngr  
usr/oasys  
usr/oasys/bin  
usr/oasys/bin/btoa  
usr/oasys/bin/identify  
usr/oasys/bin/oeupkg  
usr/oasys/bin/setenv  
usr/oasys/bin/termtest  
usr/oasys/info  
usr/oasys/info/OH  
usr/oasys/info/OH/externals  
usr/oasys/info/OH/externals/allobjs  
usr/oasys/info/OH/externals/detect.tab  
usr/oasys/info/pathalias  
usr/oasys/tmp  
usr/oasys/tmp/TERRLOG  
usr/vmsys  
usr/vmsys/OBJECTS  
usr/vmsys/OBJECTS/Form.find  
usr/vmsys/OBJECTS/Form.org  
usr/vmsys/OBJECTS/Form.prin

## Appendix A: Installation Diskette Files

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usr/vmsys/OBJECTS/Form.sec  
usr/vmsys/OBJECTS/Form.send  
usr/vmsys/OBJECTS/Menu.admin  
usr/vmsys/OBJECTS/Menu.create  
usr/vmsys/OBJECTS/Menu.filecab  
usr/vmsys/OBJECTS/Menu.find  
usr/vmsys/OBJECTS/Menu.mail  
usr/vmsys/OBJECTS/Menu.office  
usr/vmsys/OBJECTS/Menu.print  
usr/vmsys/OBJECTS/Menu.programs  
usr/vmsys/OBJECTS/Menu.prop  
usr/vmsys/OBJECTS/Menu.remove  
usr/vmsys/OBJECTS/Menu.users  
usr/vmsys/OBJECTS/Menu.waste  
usr/vmsys/OBJECTS/PROP  
usr/vmsys/OBJECTS/PROP/AVL  
usr/vmsys/OBJECTS/PROP/AVL/Text.avl  
usr/vmsys/OBJECTS/PROP/AVL/Text.nfwavl  
usr/vmsys/OBJECTS/PROP/AVL/Text.npavl  
usr/vmsys/OBJECTS/PROP/AVL/Text.npfw  
usr/vmsys/OBJECTS/PROP/DEFAULT  
usr/vmsys/OBJECTS/PROP/DEFAULT/Form.default  
usr/vmsys/OBJECTS/PROP/DEFAULT/Text.datpriv  
usr/vmsys/OBJECTS/PROP/DEFAULT/Text.default  
usr/vmsys/OBJECTS/PROP/DEFAULT/Text.ndefault  
usr/vmsys/OBJECTS/PROP/MOUNT  
usr/vmsys/OBJECTS/PROP/MOUNT/Form.mount  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.balign  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.confirm  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.datpriv  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.err  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.falign  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.nfw  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.nman  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.noform  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.nsched  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.pmf  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.pmfw  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.ucmform  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.ucmfw

usr/vmsys/OBJECTS/PROP/MOUNT/Text.ucmw  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.uform  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.walign  
usr/vmsys/OBJECTS/PROP/MOUNT/Text.wpmf  
usr/vmsys/OBJECTS/PROP/MOVE  
usr/vmsys/OBJECTS/PROP/MOVE/Form.printer  
usr/vmsys/OBJECTS/PROP/MOVE/Menu.class  
usr/vmsys/OBJECTS/PROP/MOVE/Menu.move  
usr/vmsys/OBJECTS/PROP/MOVE/Menu.printer  
usr/vmsys/OBJECTS/PROP/MOVE/Menu.queid  
usr/vmsys/OBJECTS/PROP/MOVE/Menu.user  
usr/vmsys/OBJECTS/PROP/MOVE/Text.cfmE  
usr/vmsys/OBJECTS/PROP/MOVE/Text.cfmSE  
usr/vmsys/OBJECTS/PROP/MOVE/Text.crd  
usr/vmsys/OBJECTS/PROP/MOVE/Text.datpriv  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nacc  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nmarkC  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nmarkP  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nmarkQ  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nmarkU  
usr/vmsys/OBJECTS/PROP/MOVE/Text.noclass  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nojob  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nojobC  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nojobP  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nojobQ  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nojobU  
usr/vmsys/OBJECTS/PROP/MOVE/Text.nsched  
usr/vmsys/OBJECTS/PROP/MOVE/Text.oclass  
usr/vmsys/OBJECTS/PROP/MOVE/Text.oprinter  
usr/vmsys/OBJECTS/PROP/PRINTER  
usr/vmsys/OBJECTS/PROP/PRINTER/Menu.start  
usr/vmsys/OBJECTS/PROP/PRINTER/Menu.stop  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.alldis  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.disable  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.enable  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.enableall  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.gnsched  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.nmark  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.nsched  
usr/vmsys/OBJECTS/PROP/PRINTER/Text.startpriv

## Appendix A: Installation Diskette Files

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usr/vmsys/OBJECTS/PROP/PRINTER/Text.stoppriv  
usr/vmsys/OBJECTS/PROP/PRIOR  
usr/vmsys/OBJECTS/PROP/PRIOR/Form.change  
usr/vmsys/OBJECTS/PROP/PRIOR/Menu.prior  
usr/vmsys/OBJECTS/PROP/PRIOR/Text.chgcfm  
usr/vmsys/OBJECTS/PROP/PRIOR/Text.display  
usr/vmsys/OBJECTS/PROP/PRIOR/Text.nochg  
usr/vmsys/OBJECTS/PROP/PRIOR/Text.priv  
usr/vmsys/OBJECTS/PROP/QUEUE  
usr/vmsys/OBJECTS/PROP/QUEUE/Menu.queue  
usr/vmsys/OBJECTS/PROP/QUEUE/Text.nmark  
usr/vmsys/OBJECTS/PROP/QUEUE/Text.nojob  
usr/vmsys/OBJECTS/PROP/QUEUE/Text.nsched  
usr/vmsys/OBJECTS/PROP/QUEUE/Text.pqcfm  
usr/vmsys/OBJECTS/PROP/QUEUE/Text.privil  
usr/vmsys/OBJECTS/PROP/START  
usr/vmsys/OBJECTS/PROP/START/Text.astart  
usr/vmsys/OBJECTS/PROP/START/Text.datpriv  
usr/vmsys/OBJECTS/PROP/START/Text.npstart  
usr/vmsys/OBJECTS/PROP/START/Text.start  
usr/vmsys/OBJECTS/PROP/STAT  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/Form.prchange  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Menu.mselect  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.accdisA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.accdisA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.accenaA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.accenaA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.datpriv  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.rejdisA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.rejdisA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.rejenaA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.rejenaA  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/PRINTER/Text.warn  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/Text.datpriv  
usr/vmsys/OBJECTS/PROP/STAT/CHANGE/Text.nsched  
usr/vmsys/OBJECTS/PROP/STAT/DIS  
usr/vmsys/OBJECTS/PROP/STAT/DIS/Text.nsched  
usr/vmsys/OBJECTS/PROP/STAT/DIS/Text.rsterr



usr/vmsys/OBJECTS/PROP/STAT/DIS/Text.status  
usr/vmsys/OBJECTS/PROP/STAT/Menu.stat  
usr/vmsys/OBJECTS/PROP/UMOUNT  
usr/vmsys/OBJECTS/PROP/UMOUNT/Form.printer  
usr/vmsys/OBJECTS/PROP/UMOUNT/Form.amount  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.cfumt  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.datpriv  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.manpw  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.nofw  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.noumt  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.nsched  
usr/vmsys/OBJECTS/PROP/UMOUNT/Text.umount  
usr/vmsys/OBJECTS/PS  
usr/vmsys/OBJECTS/PS/CONFIG  
usr/vmsys/OBJECTS/PS/CONFIG/Form.cdef  
usr/vmsys/OBJECTS/PS/CONFIG/Form.change  
usr/vmsys/OBJECTS/PS/CONFIG/Form.config  
usr/vmsys/OBJECTS/PS/CONFIG/Form.display  
usr/vmsys/OBJECTS/PS/CONFIG/Form.wchg  
usr/vmsys/OBJECTS/PS/CONFIG/Form.wdef  
usr/vmsys/OBJECTS/PS/CONFIG/Form.wdis  
usr/vmsys/OBJECTS/PS/CONFIG/Menu.mcon  
usr/vmsys/OBJECTS/PS/CONFIG/Menu.mform  
usr/vmsys/OBJECTS/PS/CONFIG/Menu.mwheel  
usr/vmsys/OBJECTS/PS/CONFIG/Text.cdpriv  
usr/vmsys/OBJECTS/PS/CONFIG/Text.cjob  
usr/vmsys/OBJECTS/PS/CONFIG/Text.configerr  
usr/vmsys/OBJECTS/PS/CONFIG/Text.nconfig  
usr/vmsys/OBJECTS/PS/CONFIG/Text.pconfig  
usr/vmsys/OBJECTS/PS/CONFIG/Text.rdatpriv  
usr/vmsys/OBJECTS/PS/CONFIG/Text.rjob  
usr/vmsys/OBJECTS/PS/FILTER  
usr/vmsys/OBJECTS/PS/FILTER/Form.add  
usr/vmsys/OBJECTS/PS/FILTER/Form.cd  
usr/vmsys/OBJECTS/PS/FILTER/Form.change  
usr/vmsys/OBJECTS/PS/FILTER/Form.fadd  
usr/vmsys/OBJECTS/PS/FILTER/Menu.del  
usr/vmsys/OBJECTS/PS/FILTER/Menu.filter  
usr/vmsys/OBJECTS/PS/FILTER/Menu.input  
usr/vmsys/OBJECTS/PS/FILTER/Menu.output

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usr/vmsys/OBJECTS/PS/FILTER/Menu.pname  
usr/vmsys/OBJECTS/PS/FILTER/Menu.ptype  
usr/vmsys/OBJECTS/PS/FILTER/Text.addcfm  
usr/vmsys/OBJECTS/PS/FILTER/Text.all  
usr/vmsys/OBJECTS/PS/FILTER/Text.chgcfm  
usr/vmsys/OBJECTS/PS/FILTER/Text.delcfm  
usr/vmsys/OBJECTS/PS/FILTER/Text.display  
usr/vmsys/OBJECTS/PS/FILTER/Text.nochg  
usr/vmsys/OBJECTS/PS/FILTER/Text.nofltr  
usr/vmsys/OBJECTS/PS/FILTER/Text.none  
usr/vmsys/OBJECTS/PS/FORM  
usr/vmsys/OBJECTS/PS/FORM/Form.add  
usr/vmsys/OBJECTS/PS/FORM/Form.asel  
usr/vmsys/OBJECTS/PS/FORM/Form.change  
usr/vmsys/OBJECTS/PS/FORM/Form.csel  
usr/vmsys/OBJECTS/PS/FORM/Form.display  
usr/vmsys/OBJECTS/PS/FORM/Form.dsel  
usr/vmsys/OBJECTS/PS/FORM/Menu.alert  
usr/vmsys/OBJECTS/PS/FORM/Menu.fdelete  
usr/vmsys/OBJECTS/PS/FORM/Menu.form  
usr/vmsys/OBJECTS/PS/FORM/Menu.muser  
usr/vmsys/OBJECTS/PS/FORM/Text.cadd  
usr/vmsys/OBJECTS/PS/FORM/Text.cadel  
usr/vmsys/OBJECTS/PS/FORM/Text.cchg  
usr/vmsys/OBJECTS/PS/FORM/Text.cdel  
usr/vmsys/OBJECTS/PS/FORM/Text.nchg  
usr/vmsys/OBJECTS/PS/FORM/Text.nmark  
usr/vmsys/OBJECTS/PS/FORM/Text.nodis  
usr/vmsys/OBJECTS/PS/FORM/Text.nofchg  
usr/vmsys/OBJECTS/PS/FORM/Text.noform  
usr/vmsys/OBJECTS/PS/Menu.all  
usr/vmsys/OBJECTS/PS/Menu.prset  
usr/vmsys/OBJECTS/PS/PORTSET  
usr/vmsys/OBJECTS/PS/PORTSET/Form.par  
usr/vmsys/OBJECTS/PS/PORTSET/Form.ser  
usr/vmsys/OBJECTS/PS/PORTSET/Text.cprnP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.cprnS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.cptypeP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.cptypeS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.cspeed

usr/vmsys/OBJECTS/PS/PORTSET/Text.filterP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.filterS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.inuseS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.lpadmP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.lpadmS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.nchgP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.nchgS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.pdatpriv  
usr/vmsys/OBJECTS/PS/PORTSET/Text.psetP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.psetS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.rmptP  
usr/vmsys/OBJECTS/PS/PORTSET/Text.rmptPd  
usr/vmsys/OBJECTS/PS/PORTSET/Text.rmptS  
usr/vmsys/OBJECTS/PS/PORTSET/Text.rmptSd  
usr/vmsys/OBJECTS/PS/PORTSET/Text.sdatpriv  
usr/vmsys/OBJECTS/PS/Text.datpriv  
usr/vmsys/OBJECTS/PS/WHEEL  
usr/vmsys/OBJECTS/PS/WHEEL/Form.asel  
usr/vmsys/OBJECTS/PS/WHEEL/Form.csel  
usr/vmsys/OBJECTS/PS/WHEEL/Form.display  
usr/vmsys/OBJECTS/PS/WHEEL/Form.dsel  
usr/vmsys/OBJECTS/PS/WHEEL/Form.wadd  
usr/vmsys/OBJECTS/PS/WHEEL/Form.wchg  
usr/vmsys/OBJECTS/PS/WHEEL/Menu.alert  
usr/vmsys/OBJECTS/PS/WHEEL/Menu.wdelete  
usr/vmsys/OBJECTS/PS/WHEEL/Menu.wheel  
usr/vmsys/OBJECTS/PS/WHEEL/Text.cadd  
usr/vmsys/OBJECTS/PS/WHEEL/Text.cadel  
usr/vmsys/OBJECTS/PS/WHEEL/Text.cchg  
usr/vmsys/OBJECTS/PS/WHEEL/Text.cdel  
usr/vmsys/OBJECTS/PS/WHEEL/Text.nchg  
usr/vmsys/OBJECTS/PS/WHEEL/Text.nmark  
usr/vmsys/OBJECTS/PS/WHEEL/Text.nodis  
usr/vmsys/OBJECTS/PS/WHEEL/Text.nowchg  
usr/vmsys/OBJECTS/PS/WHEEL/Text.nowheel  
usr/vmsys/OBJECTS/Text.disp  
usr/vmsys/OBJECTS/Text.exit  
usr/vmsys/OBJECTS/Text.help  
usr/vmsys/OBJECTS/Text.mfhelp  
usr/vmsys/OBJECTS/Text.rsterr

usr/vmsys/OBJECTS/Text.sysinf  
usr/vmsys/OBJECTS/backup  
usr/vmsys/OBJECTS/backup/Menu.backup  
usr/vmsys/OBJECTS/backup/Text.history  
usr/vmsys/OBJECTS/backup/Text.privil  
usr/vmsys/OBJECTS/backup/private  
usr/vmsys/OBJECTS/backup/private/Form.files  
usr/vmsys/OBJECTS/backup/private/Menu.backsel  
usr/vmsys/OBJECTS/backup/private/Menu.backusr  
usr/vmsys/OBJECTS/backup/private/Menu.private  
usr/vmsys/OBJECTS/backup/sched  
usr/vmsys/OBJECTS/backup/sched/Form.add  
usr/vmsys/OBJECTS/backup/sched/Form.chg  
usr/vmsys/OBJECTS/backup/sched/Menu.chg  
usr/vmsys/OBJECTS/backup/sched/Menu.del  
usr/vmsys/OBJECTS/backup/sched/Menu.sched  
usr/vmsys/OBJECTS/backup/sched/Text.addcfm  
usr/vmsys/OBJECTS/backup/sched/Text.already  
usr/vmsys/OBJECTS/backup/sched/Text.chgcfm  
usr/vmsys/OBJECTS/backup/sched/Text.delcfm  
usr/vmsys/OBJECTS/backup/sched/Text.display  
usr/vmsys/OBJECTS/backup/sched/Text.nocron  
usr/vmsys/OBJECTS/backup/sched/Text.nodel  
usr/vmsys/OBJECTS/backup/sched/Text.nosched  
usr/vmsys/OBJECTS/backup/sched/Text.notape  
usr/vmsys/OBJECTS/backup/sched/Text.privil  
usr/vmsys/OBJECTS/backup/system  
usr/vmsys/OBJECTS/backup/system/Form.files  
usr/vmsys/OBJECTS/backup/system/Menu.backsel  
usr/vmsys/OBJECTS/backup/system/Menu.backsys  
usr/vmsys/OBJECTS/backup/system/Menu.backusr  
usr/vmsys/OBJECTS/backup/system/Menu.system  
usr/vmsys/OBJECTS/backup/system/Menu.users  
usr/vmsys/OBJECTS/date  
usr/vmsys/OBJECTS/date/Form.date  
usr/vmsys/OBJECTS/date/Text.datecfm  
usr/vmsys/OBJECTS/date/Text.datpriv  
usr/vmsys/OBJECTS/dskopts  
usr/vmsys/OBJECTS/dskopts/Form.ftfc  
usr/vmsys/OBJECTS/dskopts/Menu.dskopts

usr/vmsys/OBJECTS/dskopts/Menu.fsdrv  
usr/vmsys/OBJECTS/dskopts/Text.ac  
usr/vmsys/OBJECTS/dskopts/Text.csf  
usr/vmsys/OBJECTS/dskopts/Text.dwarn  
usr/vmsys/OBJECTS/dskopts/Text.fcwarn  
usr/vmsys/OBJECTS/dskopts/Text.ffcopy  
usr/vmsys/OBJECTS/dskopts/Text.ffd  
usr/vmsys/OBJECTS/dskopts/Text.ffdone  
usr/vmsys/OBJECTS/dskopts/Text.ftfc  
usr/vmsys/OBJECTS/dskopts/Text.fwwarn  
usr/vmsys/OBJECTS/dskopts/Text.rdf  
usr/vmsys/OBJECTS/dskopts/Text.rff  
usr/vmsys/OBJECTS/dskopts/Text.rsf  
usr/vmsys/OBJECTS/dskopts/Text.swarn  
usr/vmsys/OBJECTS/dskopts/Text.wdf  
usr/vmsys/OBJECTS/fs  
usr/vmsys/OBJECTS/fs/Form.crtfil  
usr/vmsys/OBJECTS/fs/Form.dsk  
usr/vmsys/OBJECTS/fs/Form.mt  
usr/vmsys/OBJECTS/fs/Menu.filsys  
usr/vmsys/OBJECTS/fs/Menu.seldev  
usr/vmsys/OBJECTS/fs/Text.busy  
usr/vmsys/OBJECTS/fs/Text.cf  
usr/vmsys/OBJECTS/fs/Text.crfcfm  
usr/vmsys/OBJECTS/fs/Text.fmt  
usr/vmsys/OBJECTS/fs/Text.hmount  
usr/vmsys/OBJECTS/fs/Text.hmountw  
usr/vmsys/OBJECTS/fs/Text.hmtd  
usr/vmsys/OBJECTS/fs/Text.humount  
usr/vmsys/OBJECTS/fs/Text.insert  
usr/vmsys/OBJECTS/fs/Text.mininsert  
usr/vmsys/OBJECTS/fs/Text.misc  
usr/vmsys/OBJECTS/fs/Text.mount  
usr/vmsys/OBJECTS/fs/Text.mountw  
usr/vmsys/OBJECTS/fs/Text.mtd  
usr/vmsys/OBJECTS/fs/Text.mtdir  
usr/vmsys/OBJECTS/fs/Text.mtwrt  
usr/vmsys/OBJECTS/fs/Text.nmt  
usr/vmsys/OBJECTS/fs/Text.priv  
usr/vmsys/OBJECTS/fs/Text.rename

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usr/vmsys/OBJECTS/fs/Text.umount  
usr/vmsys/OBJECTS/fs/Text.wait  
usr/vmsys/OBJECTS/fs/Text.wrt  
usr/vmsys/OBJECTS/hwset  
usr/vmsys/OBJECTS/hwset/Form.232  
usr/vmsys/OBJECTS/hwset/Form.comp  
usr/vmsys/OBJECTS/hwset/Form.mod  
usr/vmsys/OBJECTS/hwset/Form.other  
usr/vmsys/OBJECTS/hwset/Menu.hard  
usr/vmsys/OBJECTS/hwset/Menu.port2  
usr/vmsys/OBJECTS/hwset/Text.add  
usr/vmsys/OBJECTS/hwset/Text.boot1  
usr/vmsys/OBJECTS/hwset/Text.boot2  
usr/vmsys/OBJECTS/hwset/Text.busy  
usr/vmsys/OBJECTS/hwset/Text.cmpl  
usr/vmsys/OBJECTS/hwset/Text.compcfm  
usr/vmsys/OBJECTS/hwset/Text.conerr  
usr/vmsys/OBJECTS/hwset/Text.conuse  
usr/vmsys/OBJECTS/hwset/Text.inuse  
usr/vmsys/OBJECTS/hwset/Text.noncfm  
usr/vmsys/OBJECTS/hwset/Text.nop  
usr/vmsys/OBJECTS/hwset/Text.noport  
usr/vmsys/OBJECTS/hwset/Text.not  
usr/vmsys/OBJECTS/hwset/Text.privil  
usr/vmsys/OBJECTS/hwset/Text.prterr  
usr/vmsys/OBJECTS/hwset/Text.rscfm  
usr/vmsys/OBJECTS/hwset/Text.sercfm  
usr/vmsys/OBJECTS/hwset/Text.set  
usr/vmsys/OBJECTS/hwset/Text.termcfm  
usr/vmsys/OBJECTS/hwset/Text.tscfm  
usr/vmsys/OBJECTS/hwset/Text.tty  
usr/vmsys/OBJECTS/logins  
usr/vmsys/OBJECTS/logins/Form.add  
usr/vmsys/OBJECTS/logins/Form.change  
usr/vmsys/OBJECTS/logins/Form.delete  
usr/vmsys/OBJECTS/logins/Form.delfile  
usr/vmsys/OBJECTS/logins/Form.display  
usr/vmsys/OBJECTS/logins/Menu.logins  
usr/vmsys/OBJECTS/logins/Text.addcfm  
usr/vmsys/OBJECTS/logins/Text.added

usr/vmsys/OBJECTS/logins/Text.addpriv  
usr/vmsys/OBJECTS/logins/Text.chgcfm  
usr/vmsys/OBJECTS/logins/Text.chgpriv  
usr/vmsys/OBJECTS/logins/Text.delcfm  
usr/vmsys/OBJECTS/logins/Text.delpriv  
usr/vmsys/OBJECTS/logins/Text.privil  
usr/vmsys/OBJECTS/mailset  
usr/vmsys/OBJECTS/mailset/Form.mail1  
usr/vmsys/OBJECTS/mailset/Form.maila  
usr/vmsys/OBJECTS/mailset/Form.mailc  
usr/vmsys/OBJECTS/mailset/Form.maid  
usr/vmsys/OBJECTS/mailset/Form.maidel  
usr/vmsys/OBJECTS/mailset/Menu.mail  
usr/vmsys/OBJECTS/mailset/Menu.mailot  
usr/vmsys/OBJECTS/mailset/Text.a1  
usr/vmsys/OBJECTS/mailset/Text.c1  
usr/vmsys/OBJECTS/mailset/Text.del  
usr/vmsys/OBJECTS/mailset/Text.mail2  
usr/vmsys/OBJECTS/mailset/Text.malpriv  
usr/vmsys/OBJECTS/mailset/Text.nodel  
usr/vmsys/OBJECTS/mailset/Text.none  
usr/vmsys/OBJECTS/mailset/Text.noned  
usr/vmsys/OBJECTS/pref  
usr/vmsys/OBJECTS/pref/Form.color  
usr/vmsys/OBJECTS/pref/Form.display  
usr/vmsys/OBJECTS/pref/Form.func  
usr/vmsys/OBJECTS/pref/Form.perm  
usr/vmsys/OBJECTS/pref/Menu.frame  
usr/vmsys/OBJECTS/pref/Menu.pref  
usr/vmsys/OBJECTS/restore  
usr/vmsys/OBJECTS/restore/Menu.restore  
usr/vmsys/OBJECTS/restore/Text.privil  
usr/vmsys/OBJECTS/restore/private  
usr/vmsys/OBJECTS/restore/private/Form.overwr  
usr/vmsys/OBJECTS/restore/private/Form.overwr2  
usr/vmsys/OBJECTS/restore/private/Menu.device  
usr/vmsys/OBJECTS/restore/private/Menu.device2  
usr/vmsys/OBJECTS/restore/private/Menu.private  
usr/vmsys/OBJECTS/restore/private/Menu.select  
usr/vmsys/OBJECTS/restore/system

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usr/vmsys/OBJECTS/restore/system/Form.overwr  
usr/vmsys/OBJECTS/restore/system/Form.overwr2  
usr/vmsys/OBJECTS/restore/system/Menu.device  
usr/vmsys/OBJECTS/restore/system/Menu.device2  
usr/vmsys/OBJECTS/restore/system/Menu.select  
usr/vmsys/OBJECTS/restore/system/Menu.system  
usr/vmsys/OBJECTS/sched  
usr/vmsys/OBJECTS/sched/Form.add  
usr/vmsys/OBJECTS/sched/Form.chg  
usr/vmsys/OBJECTS/sched/Menu.chg  
usr/vmsys/OBJECTS/sched/Menu.day  
usr/vmsys/OBJECTS/sched/Menu.del  
usr/vmsys/OBJECTS/sched/Menu.hour  
usr/vmsys/OBJECTS/sched/Menu.minute  
usr/vmsys/OBJECTS/sched/Menu.month  
usr/vmsys/OBJECTS/sched/Menu.sched  
usr/vmsys/OBJECTS/sched/Menu.week  
usr/vmsys/OBJECTS/sched/Text.addcfm  
usr/vmsys/OBJECTS/sched/Text.chgcfm  
usr/vmsys/OBJECTS/sched/Text.delcfm  
usr/vmsys/OBJECTS/sched/Text.display  
usr/vmsys/OBJECTS/sched/Text.noaces  
usr/vmsys/OBJECTS/sched/Text.nocron  
usr/vmsys/OBJECTS/sched/Text.nodel  
usr/vmsys/OBJECTS/sched/Text.notask  
usr/vmsys/OBJECTS/shutdown  
usr/vmsys/OBJECTS/shutdown/Form.grace  
usr/vmsys/OBJECTS/shutdown/Text.privil  
usr/vmsys/OBJECTS/shutdown/Text.privil2  
usr/vmsys/OBJECTS/shutdown/Text.shut  
usr/vmsys/OBJECTS/swset  
usr/vmsys/OBJECTS/swset/Form.unix  
usr/vmsys/OBJECTS/swset/Menu.prog  
usr/vmsys/OBJECTS/swset/Menu.remov  
usr/vmsys/OBJECTS/swset/Menu.sw  
usr/vmsys/OBJECTS/swset/Menu.type  
usr/vmsys/OBJECTS/swset/Text.disp  
usr/vmsys/OBJECTS/swset/Text.priv  
usr/vmsys/admin  
usr/vmsys/admin/.chkuser



usr/vmsys/admin/PROP  
usr/vmsys/admin/PROP/AVL  
usr/vmsys/admin/PROP/AVL/alias  
usr/vmsys/admin/PROP/AVL/check.sh  
usr/vmsys/admin/PROP/AVL/cs  
usr/vmsys/admin/PROP/AVL/gen  
usr/vmsys/admin/PROP/AVL/getcsalias  
usr/vmsys/admin/PROP/AVL/getfw  
usr/vmsys/admin/PROP/AVL/getpfr  
usr/vmsys/admin/PROP/AVL/getwheel  
usr/vmsys/admin/PROP/AVL/type  
usr/vmsys/admin/PROP/DEFAULT  
usr/vmsys/admin/PROP/DEFAULT/checkdef.sh  
usr/vmsys/admin/PROP/DEFAULT/default.sh  
usr/vmsys/admin/PROP/DEFAULT/getpr.sh  
usr/vmsys/admin/PROP/DEFAULT/pravl.sh  
usr/vmsys/admin/PROP/DEFAULT/valid.sh  
usr/vmsys/admin/PROP/MOUNT  
usr/vmsys/admin/PROP/MOUNT/avl.sh  
usr/vmsys/admin/PROP/MOUNT/bothmount.sh  
usr/vmsys/admin/PROP/MOUNT/bothmt.sh  
usr/vmsys/admin/PROP/MOUNT/charset  
usr/vmsys/admin/PROP/MOUNT/checkboth.sh  
usr/vmsys/admin/PROP/MOUNT/checkform.sh  
usr/vmsys/admin/PROP/MOUNT/checktype.sh  
usr/vmsys/admin/PROP/MOUNT/chkfw.sh  
usr/vmsys/admin/PROP/MOUNT/chkmount.sh  
usr/vmsys/admin/PROP/MOUNT/chkwheel.sh  
usr/vmsys/admin/PROP/MOUNT/chmsg.sh  
usr/vmsys/admin/PROP/MOUNT/disable.sh  
usr/vmsys/admin/PROP/MOUNT/form  
usr/vmsys/admin/PROP/MOUNT/formmt.sh  
usr/vmsys/admin/PROP/MOUNT/formpr.sh  
usr/vmsys/admin/PROP/MOUNT/manwheel.sh  
usr/vmsys/admin/PROP/MOUNT/mtform  
usr/vmsys/admin/PROP/MOUNT/mtwheel  
usr/vmsys/admin/PROP/MOUNT/nmanboth.sh  
usr/vmsys/admin/PROP/MOUNT/prscheck.sh  
usr/vmsys/admin/PROP/MOUNT/term.sh  
usr/vmsys/admin/PROP/MOUNT/verify.sh

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```
usr/vmsys/admin/PROP/MOUNT/wheel
usr/vmsys/admin/PROP/MOUNT/wheelmsg.sh
usr/vmsys/admin/PROP/MOUNT/whmt.sh
usr/vmsys/admin/PROP/MOVE
usr/vmsys/admin/PROP/MOVE/checkcljob.sh
usr/vmsys/admin/PROP/MOVE/checkprjob.sh
usr/vmsys/admin/PROP/MOVE/clopr.sh
usr/vmsys/admin/PROP/MOVE/fprcl.sh
usr/vmsys/admin/PROP/MOVE/getboth.sh
usr/vmsys/admin/PROP/MOVE/getcl.sh
usr/vmsys/admin/PROP/MOVE/getid.sh
usr/vmsys/admin/PROP/MOVE/getjob.sh
usr/vmsys/admin/PROP/MOVE/getpr.sh
usr/vmsys/admin/PROP/MOVE/getuser.sh
usr/vmsys/admin/PROP/MOVE/jobs.sh
usr/vmsys/admin/PROP/MOVE/lpaccept.sh
usr/vmsys/admin/PROP/MOVE/lpmove.sh
usr/vmsys/admin/PROP/MOVE/moverr.sh
usr/vmsys/admin/PROP/MOVE/queue
usr/vmsys/admin/PROP/PRINTER
usr/vmsys/admin/PROP/PRINTER/checksched.sh
usr/vmsys/admin/PROP/PRINTER/disable.sh
usr/vmsys/admin/PROP/PRINTER/enable.sh
usr/vmsys/admin/PROP/PRINTER/getpr.sh
usr/vmsys/admin/PROP/PRIOR
usr/vmsys/admin/PROP/PRIOR/display
usr/vmsys/admin/PROP/PRIOR/final
usr/vmsys/admin/PROP/PRIOR/init
usr/vmsys/admin/PROP/PRIOR/prior
usr/vmsys/admin/PROP/QUEUE
usr/vmsys/admin/PROP/QUEUE/qcheck
usr/vmsys/admin/PROP/QUEUE/qpermit
usr/vmsys/admin/PROP/QUEUE/queue
usr/vmsys/admin/PROP/START
usr/vmsys/admin/PROP/START/chksched.sh
usr/vmsys/admin/PROP/START/lpstart.sh
usr/vmsys/admin/PROP/STAT
usr/vmsys/admin/PROP/STAT/CHANGE
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/accdis.sh
```

usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/accena.sh  
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/getpr.sh  
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/pr.sh  
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/rejdis.sh  
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/rejena.sh  
usr/vmsys/admin/PROP/STAT/CHANGE/PRINTER/valid.sh  
usr/vmsys/admin/PROP/STAT/CHANGE/prschg.sh  
usr/vmsys/admin/PROP/STAT/DIS  
usr/vmsys/admin/PROP/STAT/DIS/getinfo  
usr/vmsys/admin/PROP/STAT/DIS/prstat.sh  
usr/vmsys/admin/PROP/STAT/DIS/stat.sh  
usr/vmsys/admin/PROP/UMOUNT  
usr/vmsys/admin/PROP/UMOUNT/checkboth.sh  
usr/vmsys/admin/PROP/UMOUNT/checkumount.sh  
usr/vmsys/admin/PROP/UMOUNT/dispw.sh  
usr/vmsys/admin/PROP/UMOUNT/getprinter  
usr/vmsys/admin/PROP/UMOUNT/length.sh  
usr/vmsys/admin/PROP/UMOUNT/show.sh  
usr/vmsys/admin/PROP/UMOUNT/umount.sh  
usr/vmsys/admin/PROP/UMOUNT/unmount.sh  
usr/vmsys/admin/PROP/UMOUNT/valid.sh  
usr/vmsys/admin/PS  
usr/vmsys/admin/PS/CONFIG  
usr/vmsys/admin/PS/CONFIG/allform.sh  
usr/vmsys/admin/PS/CONFIG/allvalid.sh  
usr/vmsys/admin/PS/CONFIG/allwheel.sh  
usr/vmsys/admin/PS/CONFIG/alphanum  
usr/vmsys/admin/PS/CONFIG/banner.sh  
usr/vmsys/admin/PS/CONFIG/check  
usr/vmsys/admin/PS/CONFIG/checknum.sh  
usr/vmsys/admin/PS/CONFIG/classlist  
usr/vmsys/admin/PS/CONFIG/config.sh  
usr/vmsys/admin/PS/CONFIG/confirm.sh  
usr/vmsys/admin/PS/CONFIG/cs  
usr/vmsys/admin/PS/CONFIG/default.sh  
usr/vmsys/admin/PS/CONFIG/depend.sh  
usr/vmsys/admin/PS/CONFIG/display.sh  
usr/vmsys/admin/PS/CONFIG/formchg.sh  
usr/vmsys/admin/PS/CONFIG/getclass.sh  
usr/vmsys/admin/PS/CONFIG/getform.sh

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usr/vmsys/admin/PS/CONFIG/getinfo  
usr/vmsys/admin/PS/CONFIG/haswheel  
usr/vmsys/admin/PS/CONFIG/interface.sh  
usr/vmsys/admin/PS/CONFIG/jobs.sh  
usr/vmsys/admin/PS/CONFIG/lpconfig.sh  
usr/vmsys/admin/PS/CONFIG/other  
usr/vmsys/admin/PS/CONFIG/permuser.sh  
usr/vmsys/admin/PS/CONFIG/pf.sh  
usr/vmsys/admin/PS/CONFIG/speed  
usr/vmsys/admin/PS/CONFIG/type  
usr/vmsys/admin/PS/CONFIG/valcl.sh  
usr/vmsys/admin/PS/CONFIG/valcon.sh  
usr/vmsys/admin/PS/CONFIG/valform  
usr/vmsys/admin/PS/CONFIG/valform.sh  
usr/vmsys/admin/PS/CONFIG/valfreq.sh  
usr/vmsys/admin/PS/CONFIG/validcs.sh  
usr/vmsys/admin/PS/CONFIG/valwheel.sh  
usr/vmsys/admin/PS/CONFIG/vcmount.sh  
usr/vmsys/admin/PS/CONFIG/wconfig.sh  
usr/vmsys/admin/PS/FILTER  
usr/vmsys/admin/PS/FILTER/add  
usr/vmsys/admin/PS/FILTER/chgflt  
usr/vmsys/admin/PS/FILTER/chkdel  
usr/vmsys/admin/PS/FILTER/chkmode  
usr/vmsys/admin/PS/FILTER/delete  
usr/vmsys/admin/PS/FILTER/disp  
usr/vmsys/admin/PS/FILTER/mitem  
usr/vmsys/admin/PS/FILTER/mode  
usr/vmsys/admin/PS/FILTER/name  
usr/vmsys/admin/PS/FILTER/option  
usr/vmsys/admin/PS/FILTER/pname  
usr/vmsys/admin/PS/FILTER/ptype  
usr/vmsys/admin/PS/FILTER/seek  
usr/vmsys/admin/PS/FORM  
usr/vmsys/admin/PS/FORM/addform.sh  
usr/vmsys/admin/PS/FORM/allvalid.sh  
usr/vmsys/admin/PS/FORM/alname.sh  
usr/vmsys/admin/PS/FORM/alphanum  
usr/vmsys/admin/PS/FORM/avlfm.sh  
usr/vmsys/admin/PS/FORM/chkfile.sh

```
usr/vmsys/admin/PS/FORM/cspwls.sh
usr/vmsys/admin/PS/FORM/depend.sh
usr/vmsys/admin/PS/FORM/getall.sh
usr/vmsys/admin/PS/FORM/getform.sh
usr/vmsys/admin/PS/FORM/gform
usr/vmsys/admin/PS/FORM/mkform.sh
usr/vmsys/admin/PS/FORM/noform.sh
usr/vmsys/admin/PS/FORM/pu.sh
usr/vmsys/admin/PS/FORM/rmform.sh
usr/vmsys/admin/PS/FORM/user.sh
usr/vmsys/admin/PS/FORM/valcon.sh
usr/vmsys/admin/PS/FORM/valcpi.sh
usr/vmsys/admin/PS/FORM/valfreq.sh
usr/vmsys/admin/PS/FORM/vallpi.sh
usr/vmsys/admin/PS/FORM/valpr.sh
usr/vmsys/admin/PS/FORM/vcmount.sh
usr/vmsys/admin/PS/PORTSET
usr/vmsys/admin/PS/PORTSET/Printers.sh
usr/vmsys/admin/PS/PORTSET/chkser.sh
usr/vmsys/admin/PS/PORTSET/database
usr/vmsys/admin/PS/PORTSET/datatype.sh
usr/vmsys/admin/PS/PORTSET/filter.sh
usr/vmsys/admin/PS/PORTSET/getname.sh
usr/vmsys/admin/PS/PORTSET/getpdev.sh
usr/vmsys/admin/PS/PORTSET/getptype.sh
usr/vmsys/admin/PS/PORTSET/getpdev.sh
usr/vmsys/admin/PS/PORTSET/getspeed.sh
usr/vmsys/admin/PS/PORTSET/getstyp.sh
usr/vmsys/admin/PS/PORTSET/jobs
usr/vmsys/admin/PS/PORTSET/pfilter.sh
usr/vmsys/admin/PS/PORTSET/pname.sh
usr/vmsys/admin/PS/PORTSET/pports
usr/vmsys/admin/PS/PORTSET/ptype.sh
usr/vmsys/admin/PS/PORTSET/sfilter.sh
usr/vmsys/admin/PS/PORTSET/sname.sh
usr/vmsys/admin/PS/PORTSET/sports
usr/vmsys/admin/PS/PORTSET/styp.sh
usr/vmsys/admin/PS/PORTSET/validpr.sh
usr/vmsys/admin/PS/PORTSET/valport.sh
usr/vmsys/admin/PS/WHEEL
```

## Appendix A: Installation Diskette Files

---

usr/vmsys/admin/PS/WHEEL/addwheel.sh  
usr/vmsys/admin/PS/WHEEL/avlfm.sh  
usr/vmsys/admin/PS/WHEEL/getall.sh  
usr/vmsys/admin/PS/WHEEL/getwheel.sh  
usr/vmsys/admin/PS/WHEEL/mkwheel.sh  
usr/vmsys/admin/PS/WHEEL/nowheel.sh  
usr/vmsys/admin/PS/WHEEL/rmwheel.sh  
usr/vmsys/admin/PS/WHEEL/vcmount.sh  
usr/vmsys/admin/Shutdown  
usr/vmsys/admin/backup  
usr/vmsys/admin/backup/Ckdev  
usr/vmsys/admin/backup/checkfull  
usr/vmsys/admin/backup/checkmark  
usr/vmsys/admin/backup/dirchk  
usr/vmsys/admin/backup/filechk  
usr/vmsys/admin/backup/filemsg  
usr/vmsys/admin/backup/owrchk  
usr/vmsys/admin/backup/runbackf  
usr/vmsys/admin/backup/runbacku  
usr/vmsys/admin/backup/runstore  
usr/vmsys/admin/backup/runstore2  
usr/vmsys/admin/backup/setquote  
usr/vmsys/admin/backup/uidchk  
usr/vmsys/admin/chksys  
usr/vmsys/admin/confck  
usr/vmsys/admin/date  
usr/vmsys/admin/date/Date  
usr/vmsys/admin/date/dt  
usr/vmsys/admin/date/hours  
usr/vmsys/admin/dskopts  
usr/vmsys/admin/dskopts/Ckdensity  
usr/vmsys/admin/dskopts/Ckdev  
usr/vmsys/admin/dskopts/Ckfmt  
usr/vmsys/admin/dskopts/Ckwprot  
usr/vmsys/admin/dskopts/Fcopyin.sh  
usr/vmsys/admin/dskopts/Fcopyout.sh  
usr/vmsys/admin/dskopts/Ffcopy.sh  
usr/vmsys/admin/dskopts/Fformat.sh  
usr/vmsys/admin/dskopts/chkmnt.sh  
usr/vmsys/admin/dskopts/strcmp

usr/vmsys/admin/errmsg  
usr/vmsys/admin/filechk  
usr/vmsys/admin/filsys  
usr/vmsys/admin/filsys/Ckdensity  
usr/vmsys/admin/filsys/Ckdev  
usr/vmsys/admin/filsys/Ckwprot  
usr/vmsys/admin/filsys/ckmount  
usr/vmsys/admin/filsys/diskumount  
usr/vmsys/admin/filsys/hcheck  
usr/vmsys/admin/filsys/labelfsname  
usr/vmsys/admin/filsys/makefsys  
usr/vmsys/admin/filsys/mname  
usr/vmsys/admin/filsys/mountfsys  
usr/vmsys/admin/filsys/part  
usr/vmsys/admin/filsys/part2  
usr/vmsys/admin/filsys/permit.ck  
usr/vmsys/admin/filsys/umountfsys  
usr/vmsys/admin/hw  
usr/vmsys/admin/hw/RS232.sh  
usr/vmsys/admin/hw/RSfree.sh  
usr/vmsys/admin/hw/Sysdev  
usr/vmsys/admin/hw/blank  
usr/vmsys/admin/hw/chkcon  
usr/vmsys/admin/hw/chkport  
usr/vmsys/admin/hw/chktty  
usr/vmsys/admin/hw/chktype  
usr/vmsys/admin/hw/dvc  
usr/vmsys/admin/hw/getname  
usr/vmsys/admin/hw/mkdvc  
usr/vmsys/admin/hw/modlist  
usr/vmsys/admin/hw/pnum  
usr/vmsys/admin/hw/port2ad  
usr/vmsys/admin/hw/port2rm  
usr/vmsys/admin/hw/pports  
usr/vmsys/admin/hw/speed  
usr/vmsys/admin/hw/sports  
usr/vmsys/admin/hw/used  
usr/vmsys/admin/hw/valflow  
usr/vmsys/admin/logins  
usr/vmsys/admin/logins/cdlog

usr/vmsys/admin/logins/cglog  
usr/vmsys/admin/logins/chgfull  
usr/vmsys/admin/logins/chguser  
usr/vmsys/admin/logins/confirm  
usr/vmsys/admin/logins/delcfm  
usr/vmsys/admin/logins/dellog  
usr/vmsys/admin/logins/full  
usr/vmsys/admin/logins/homechk  
usr/vmsys/admin/logins/homedir  
usr/vmsys/admin/logins/lgid  
usr/vmsys/admin/logins/lgname  
usr/vmsys/admin/logins/privgid  
usr/vmsys/admin/logins/seeklg  
usr/vmsys/admin/logins/userid  
usr/vmsys/admin/mailset  
usr/vmsys/admin/mailset/Permissions  
usr/vmsys/admin/mailset/check.date  
usr/vmsys/admin/mailset/chg.Systems  
usr/vmsys/admin/mailset/looksys  
usr/vmsys/admin/mailset/mail.check  
usr/vmsys/admin/mailset/nuucp.pwd  
usr/vmsys/admin/pcheck  
usr/vmsys/admin/rst.name  
usr/vmsys/admin/sched  
usr/vmsys/admin/sched/add\_cron  
usr/vmsys/admin/sched/allow  
usr/vmsys/admin/sched/chg\_cron  
usr/vmsys/admin/sched/del\_cron  
usr/vmsys/admin/sched/display  
usr/vmsys/admin/sched/format  
usr/vmsys/admin/sched/getchg  
usr/vmsys/admin/sched/getdel  
usr/vmsys/admin/sched/prtask  
usr/vmsys/admin/sched/ts\_valid  
usr/vmsys/admin/swset  
usr/vmsys/admin/swset/addprog  
usr/vmsys/admin/swset/cmdck  
usr/vmsys/admin/swset/defval  
usr/vmsys/admin/swset/nameck  
usr/vmsys/admin/swset/progck



usr/vmsys/admin/swset/swck  
usr/vmsys/admin/sysinfo  
usr/vmsys/admin/unix  
usr/vmsys/admsets  
usr/vmsys/admsets/base-adm  
usr/vmsys/bin  
usr/vmsys/bin/basename  
usr/vmsys/bin/chexec  
usr/vmsys/bin/chkterm  
usr/vmsys/bin/cmdfile  
usr/vmsys/bin/color\_chk  
usr/vmsys/bin/creaserve  
usr/vmsys/bin/delserv  
usr/vmsys/bin/dir\_copy  
usr/vmsys/bin/dir\_creat  
usr/vmsys/bin/dir\_move  
usr/vmsys/bin/doexec  
usr/vmsys/bin/face  
usr/vmsys/bin/frame\_chk  
usr/vmsys/bin/getword  
usr/vmsys/bin/initial  
usr/vmsys/bin/invoke  
usr/vmsys/bin/listserv  
usr/vmsys/bin/mnucheck  
usr/vmsys/bin/modserv  
usr/vmsys/bin/slash  
usr/vmsys/bin/suspend  
usr/vmsys/pathalias  
usr/vmsys/standard  
usr/vmsys/standard/WASTEBASKET  
usr/vmsys/standard/WASTEBASKET/.pref  
usr/vmsys/standard/pref  
usr/vmsys/standard/pref/.colorpref  
usr/vmsys/standard/pref/.environ  
usr/vmsys/standard/pref/.variables

## **FACE HELP Utility Package, Diskette 1 of 1**

Files

Install

Name

Remove

Size

help.admin

help.base

help.office

help.prt

---

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