

Description

This T/OS™ Patch Program corrects an Error 40 condition in the SETDAY directive that occurs when any field is zero. For T/OS Version 6.8.2 the patch allows setting the year to zero while still prohibiting zero in the month and day fields. For all other T/OS versions the patch allows any field to be set to zero. Thoroughbred Basic™ programs that depend on SETDAY rejecting month zero or day zero must be modified appropriately or T/OS must be upgraded to version 6.8.2.

The program is capable of removing its patch if needed. It can be used to patch a running system or other media. In all cases the system must be rebooted for the patch to become effective.

Distribution

The patch program, DAYPATCH, and a patch data file, DAYDATA, are distributed on a standard T/OS diskette. Patches are available for T/OS versions 6.6, 6.6.2, 6.7.0, 6.7.1, 6.7.2, 6.8.1, and 6.8.2.

Operation

1. Insert the distribution diskette into the diskette drive and use the *UPSD Utility to enable the directory on an available disk.
2. If you are patching a T/OS boot diskette and have only one diskette drive, use the *SPSD Utility to copy DAYPATCH and DAYDATA to a hard disk directory. Then use *UPSD again to remove the patch diskette and enable the boot diskette.
3. Run the patch program by entering **RUN "DAYPATCH"** from console mode or by entering **DAYPATCH** at the T/OS UTILITIES prompt.
4. The program starts with a warning about its purpose. Enter **Y** if you are ready to proceed, otherwise enter **N**.
5. Select the device to patch. Enter a two character device name after the following message:

```
ENTER DEVICE NAME (XX,YY) ('CR'=XX)
```

6. If a patch is available for the selected device the program displays:

```
VERIFIED PATCH FOR VERSION 'I6.x.x'  
DO YOU WANT TO CONTINUE? (Y/N)
```

7. If the selected device is already patched the program displays:

```
VERSION 'I6.x.x' IS ALREADY PATCHED!  
DO YOU WANT TO REMOVE THE PATCH? (Y/N)
```

8. If you enter **Y** to the question in either step 6 or step 7, the operation will be performed and the program will display:

PATCH OPERATION SUCCESSFUL!

9. If you patched the version of T/OS that is running, the program will display a reminder that T/OS must be rebooted. Otherwise the program will return to the UTILITIES menu. Be sure to use the *UPSD Utility before removing a diskette.

Messages

The patch program can produce messages followed by 'CR' TO CONTINUE. A description of the cause and program action is included for each message.

NO DISKS ARE CONFIGURED ON THIS SYSTEM!

A disk or diskette device to be patched must be configured. The program will terminate.

CAN'T FIND BASIC ON DEVICE 'XX'.

The selected device does not contain a bootable T/OS. The program will ask for another device. Exit the program and use *UPSD if you need to switch diskettes.

CAN'T IDENTIFY BASIC ON DEVICE 'XX'.

Either the T/OS is corrupted or too old. The program will ask for another device. Exit the program and use *UPSD if you need to switch diskettes.

THERE IS NO PATCH AVAILABLE FOR T/OS ON DEVICE 'XX'.

The program will terminate.

CAN'T FIND FILE 'YYYY' ON DEVICE 'XX'.

T/OS file YYYY is required to complete the patch. The program will terminate.

ERROR NN OCCURRED OPENING 'YYYY'.

T/OS file YYYY is required to complete the patch. Refer to the T/OS system documentation for information about ERROR NN. The program will terminate.

CAN'T FIND FILE 'DAYDATA'.

This file is required to complete the patch. The program will terminate.

FILE 'DAYDATA' IS CORRUPT.

The checksum of this file is not what the program expected. The program will terminate.

DEVICE 'XX' IS BUSY! 'CR' TO RETRY OR 'F4' TO END.

Another program is using files that prevent the patch program from continuing. If other tasks are stopped, press **CR**. Otherwise press **F4** and rerun the program when the system is idle.