TeraByte Command Shell

Reference

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Overview

The TeraByte command shell (TBCMD) provides a command line interface and scripting capability for the TBOS operating system. Its scripting capability may also be quite useful in DOS or Windows. Its capabilities include:

- Internal shell commands that are available from the prompt or from scripts
- The ability to execute external programs from the shell prompt
- The TBScript scripting language for writing executable scripts
- The ability to manually execute scripts from the shell prompt
- The ability to automatically execute a script when TBCMD is launched

Using TBCMD

In TBOS, programs are executed on boot by entering the appropriate command line(s) in the text file TBOS.STR located in the root directory. To launch TBCMD when TBOS boots, simply include the line TBCMD.EXE in TBOS.STR. Note that it is possible to execute more than one command from TBOS.STR. Once all commands in TBOS.STR have been executed, you will be prompted by TBOS to reboot the system by pressing Enter.

When the TBCMD.EXE program is started, it will normally leave you at the shell prompt. From there you can execute internal or external commands, or manually execute a script written in the TBScript language. As examples, you can use the internal shell command CLS to clear the screen, or can run the Image for DOS program by typing IMAGE at the command prompt (provided that the file IMAGE.EXE is present).

The scripts that TBCMD can execute are text files containing TBScript code. They are required to have a TBS filename extension, as in MYSCRIPT.TBS. To manually execute a script from the shell prompt, type the complete name of the script file, including the TBS extension. It is also possible to **execute a script automatically** when TBCMD is started. For this to happen, the script must be named STARTUP.TBS, and must be in the same directory as TBCMD.EXE.

Normally when a script completes execution, it will return to the TBCMD command prompt. However, you also have the option of using EXEC("exit") in the script in order to exit the command shell upon completion. See the EXEC () subroutine in the TBScript reference for additional information.

The usage of TBCMD in DOS or Windows is the same as above, except of course that there is no need to start it automatically at boot time.

Using TBScript

Full details for TBScript can be found in the TeraByte Scripting Language Reference (tbscript.pdf).

Shell Commands

In addition to the commands that run external programs and scripts, TBCMD supports a number of internal commands from the command line. This section documents the syntax of these internal commands.

CLS

Usage:
CLS

Description:
The CLS command clears the screen and positions the text cursor at the top, left corner of the display.

GETENV

Usage:
GETENV [var]

Description:
Use the GETENV command to display current values of environment variables. If the optional parameter var is included, the GETENV command displays the value of the variable with that name. Otherwise, GETENV simply displays all the current environment variables along with their associated values.

SETENV

Usage:
SETENV var val

Description:
Use the SETENV command to set the value of an environment variable. var specifies the variable to be set, and val is the value that the variable will be set to.

If var already exists, it will be overwritten with the new value. If var does not exist, it will be created.

EXIT

Usage:
EXIT

Description:
Use the EXIT command to terminate the shell.