Troy's Shell For Windows

Version 0.9

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What is Troy's Shell For Windows?

Troy's shell for Windows (TSH) is a command line shell for Microsoft® Windows™ which uses Troy's Kernel For Windows (TKERN) as its I/O system. One consequence of this is that it is easy for anybody to write and distribute external commands for TSH.

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The Commands

This section will merely document the names and briefly describe each of the commands. For more information, read the source or experiment.

:

This command always returns zero (true).

activate

Bring the named window to the front and make it active.

alias

Create or list TSH aliases.

cd

Change drive and/or directory

copy

Copy files

date

Display the date

del

Delete files

df

Show free disk space

dir

List a directory in a DOS-like format

echo

Displays its arguments

exit

Exit the shell

false

Returns false (non zero) always

kill

Kills a process

ls

Lists a directory (UNIX-like format)
ls understands the following flags: laAsCdFRDWw

mem

Display free memory and resources

mkdir

Create a directory

mv

Rename or relocate a file

ps

List active processes

pwd

Display the current directory

rmdir

Remove a directory

set

Set or display environment variables

sysinfo

Display information about the system

true

Always returns true (zero)

type

Display a file on the screen

Environment variables used

PATH

Search path for files

PROMPT

Determines the prompt string (as for the DOS prompt)

PS1

Determines the prompt string (overrides PROMPT, more UNIX-like format).

WS1

Determines the window title.

General

In summary, TSH is a neither a UNIX nor DOS based shell. It is a blend of both. Note that TSH will wait for all children to complete before displaying a prompt unless the child is placed in the background by terminating it with an ampersand (**&**).

TSH is based on code that appeared in the Microsoft Journal some time ago. Most traces of the original code have disappeared, however if you look closely, you might see the similarities.

External Commands

The following external commands are distributed with TSH:

wsize

Sets or displays the size of the current window

history

Sets of displays the size of the history list

scroll

Sets or displays the number of lines for jump scrolling

wlines

Sets or displays the maximum number of lines retained by the window in scroll-back.

showargs

Displays its arguments (including argument 0).