NAME

stress − tool to impose load on and stress test systems

SYNOPSIS

stress [*OPTION* [*ARG*]] ...

DESCRIPTION

'stress' imposes certain types of compute stress on your system

−?, **−−help**
show this help statement

−−version
show version statement

−v, **−−verbose**
be verbose

−q, **−−quiet**
be quiet

−n, **−−dry−run**
show what would have been done

−t, **−−timeout** N
timeout after N seconds

−−backoff N
wait factor of N microseconds before work starts

−c, **−−cpu** N
spawn N workers spinning on sqrt()

−i, **−−io** N
spawn N workers spinning on sync()

−m, **−−vm** N
spawn N workers spinning on malloc()/free()

−−vm−bytes B
malloc B bytes per vm worker (default is 256MB)

−−vm−stride B
touch a byte every B bytes (default is 4096)

−−vm−hang N
sleep N secs before free (default none, 0 is inf)

−−vm−keep
redirty memory instead of freeing and reallocating

−d, **−−hdd** N
spawn N workers spinning on write()/unlink()

−−hdd−bytes B
write B bytes per hdd worker (default is 1GB)

Example: stress **−−cpu** 8 **−−io** 4 **−−vm** 2 **−−vm−bytes** 128M **−−timeout** 10s

Note: Numbers may be suffixed with s,m,h,d,y (time) or B,K,M,G (size).

SEE ALSO

The full documentation for **stress** is maintained as a Texinfo manual. If the **info** and **stress** programs are properly installed at your site, the command

info stress

should give you access to the complete manual.