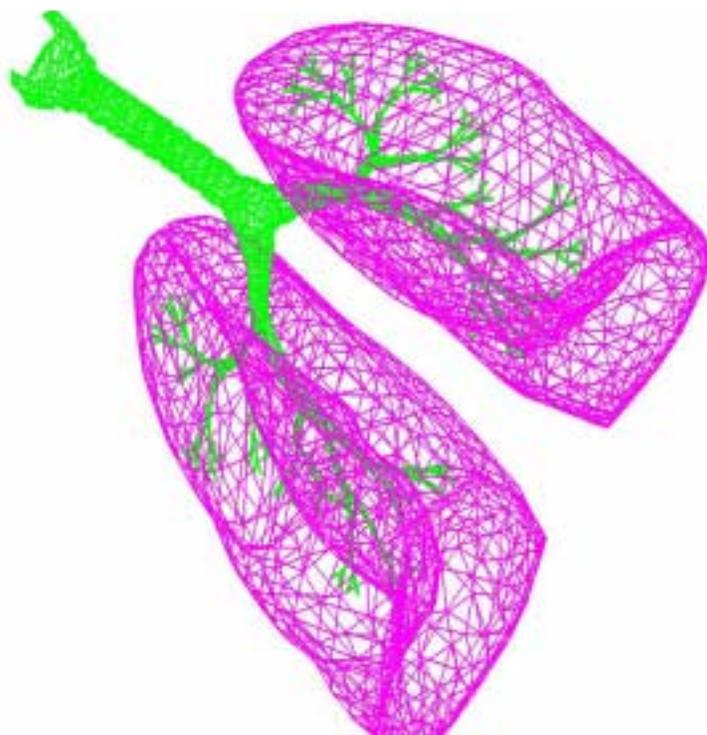


NWPhys Command Reference

The North West *Physics* Code

Web Site: <http://www.emsl.pnl.gov/nwphys>



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eng

Prints a summary sheet for energy conservation.

hmonitor

Causes the hardware monitor to be started up for a section of the code bracketed by a call to HMONINIT and HMONTERM. This command must be used in an interactive mode only.

The code will prompt for a new interactive command after printing out the monitor information. Only one of the four monitor groups can be updated at a time.

Format

hmonitor / code-block-name / monitor-group

hmonitor / process

hmonitor Parameters

Parameters	Type/Value	Description/Default
code-block-name	physics hydro rad eos timestp intrface boundary ether vsrc heburn reconnect refine strength pindata	Mnemonic verified before calling hmoninit or hmonterm.
monitor-group	0, 1, 2, 3	Number of monitor group.
process		Causes previously generated monitor data to be post-processed.

merges

Prints a summary sheet of the points that have been merged.

nnfreqp

Manages a nearest neighbor search frequency table.

nsearch

Initiates an immediate nearest neighbor search for all points.

pause

Pauses the physics code so that it can be interrogated.

pausenn

Pauses the nearest neighbor code (use PAUSEUN to start the nearest neighbor code again).

pauseun

Un-pauses the nearest neighbor code (after it was paused by the command PAUSENN).

rerunnn

Terminates the nearest neighbor code.

run

Unpauses the physics after a pause command has been issued.

setp

Prints a status report of the pause points that have been set.

setphc

Sets the hydro cycle at which the code will pause.

setpt

Sets the problem time at which the code will pause.