

Reference Sheet of Module Commands

Modules is an environment management tool which makes modifying the user's shell environment simple and dynamic. The module for a given program sets the environment needed to run the program.

module	prints a list of available commands for modules
module list (or ml)	lists all modules loaded in your session
module avail (ml avail)	lists all modules available to you based on your currently loaded modules
module --show_hidden avail	lists all modules, including hidden ones, available to you based on your currently loaded modules
module load <i>modulename</i> (or ml <i>modulename</i>)	loads the module <i>modulename</i>
module unload <i>modulename</i> (ml -<i>modulename</i>)	unloads module <i>modulename</i>
module swap <i>module1 module2</i>	swaps environment of <i>module1</i> with that of <i>module2</i> ; used to change version of a specific program
module purge	unloads all modules
module spider	lists all modules
module spider <i>string</i>	lists all modules with “string” in their name with additional information on how to load
module spider <i>modulename/version</i>	gives instructions on how to load specified version of <i>modulename</i>
module show <i>modulename</i>	shows you the contents of specified the module file
module help <i>modulename</i>	displays the help information in specified module
module save (<i>name</i>)	saves the currently loaded module environment for later use; if no name given will use <i>default</i>
module restore <i>name</i>	restores a previously saved module environment; to restore to only chpc/1.0 <i>name=system</i>
module savelist	lists all saved module savelists