ECMWF training course
January 23-27 2017
ECMWF environment help

/home/ectrain/trx/bin/create keys.sh	ssh keys creation
ssh ccb	connect to the HPC
tar xvzf ~trx/modules-example.tar.gz	Get the exercises

List of module commands:

module **help**	Print the usage of each sub-command. If an argument is given, print the Module-specific help information for the modulefile(s).
module **load** *modulefile*	Load modulefile(s) into the shell environment.
module **unload** *modulefile*	Remove modulefile(s) from the shell environment.
module **switch** [*modulefile1]* *modulefile2*	Switch loaded modulefile1 with modulefile2
module **show** *modulefile*	Display information about one or more modulefiles.
module **avail**	List all available modulefiles
module **list**	List loaded modules.
module initlist	List all of the modulefiles loaded from the shell's initialization file.
module initadd *modulefile*	Add modulefile(s) to the shell's initialization file in the user's home directory.
module initprepend *modulefile*	Does the same as initadd but prepends the given modules to the beginning of the list.
module initrm *modulefile*	Remove modulefile(s) from the shell's initialization files.
module initswitch *modulefile1 modulefile2*	Switch modulefile1 with modulefile2 in the shell's initialization files.

Useful commands:

prgenvswitchto *compilername*	Switch the modules to the new compiler environment: • cray • intel • gnu
[cc,CC,ftn] –craype-verbose	Flag to show what the compiler wrapper is actually doing
make clean && make	Command to clean the compilation and try it again
ldd *binary*	Shows the list of linked libraries of the *binary*