

ULHPC-*	system	hwloc
...		
LLVM	compiler	GCC
...		
foss	toolchain	intel
GROMACS	bio	cae
...	OpenFOAM	
NAMD	chem	data
...	HDF5	
GDB	debugger	devel
...	CMake	
Java Python R ...	lang, lib, math, numlib...	mpi
...	OpenMPI	
VASP	perf, tools, vis...	ArmForge
...	ParaView	
<b>AMD</b> <arch>: epyc (CPU)	phys	



/opt/apps/resif/<cluster>/<version>/

default



MODULEPATH=/opt/apps/resif/aion/<version>/epyc/modules/all

Default Dual-CPU Compute Nodes

Aion cluster

ULHPC-*	system	hwloc
...		
LLVM	compiler	GCC
...		
foss	toolchain	intel
GROMACS	bio	cae
...	OpenFOAM	
NAMD	chem	data
...	HDF5	
GDB	debugger	devel
...	CMake	
Java Python R ...	lang, lib, math, numlib...	mpi
...	OpenMPI	
VASP	perf, tools, vis...	ArmForge
...	ParaView	
<b>AMD</b> <arch>: epyc (CPU)	phys	

MODULEPATH=/opt/apps/resif/iris/<version>/<arch>/modules/all

Default Dual-CPU (broadwell, skylake) / Quad-CPU Bigmem Compute Nodes (skylake)

Default Dual-CPU Compute Nodes (broadwell)

GPU Compute Node

Iris cluster

ULHPC-*	system	hwloc
...		
LLVM	compiler	GCC
...		
foss	toolchain	intel
GROMACS	bio	cae
...	OpenFOAM	
NAMD	chem	data
...	HDF5	
GDB	debugger	devel
...	CMake	
Java Python R ...	lang, lib, math, numlib...	mpi
...	OpenMPI	
VASP	perf, tools, vis...	ArmForge
...	ParaView	
<b>AMD</b> <arch>: phys	lang, lib, math, numlib...	mpi

MODULEPATH=\  
/opt/apps/resif/iris/<version>/gpu/modules/all:  
/opt/apps/resif/iris/<version>/skylake/modules/all

GPU (x4)