**HANDS-ON 5**

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| **Task** | **Hint** |
| Download (using Firefox under NX) or on your computer (and copy it to the cluster afterwards) Paraview Binary Installer  version 5.11 (5.11.1) and version 4 (4.0.1) for the cluster operating system (Linux 64-bit) from <http://www.paraview.org/download/>  (ParaView-5.11.1-MPI-Linux-Python3.9-x86\_64.tar.gz)  (ParaView-4.0.1-Linux-64bit.tar.gz)  Move the files into $VSC\_SCRATCH directory  Unpack the files  Go to the ParaView-5.11.1-MPI-Linux-Python3.9-x86\_64 ParaView-4.0.1-Linux-64bit in your scratch directory  Check what is in there  Go to the directory containing binary(executable) files  Run paraview  Try running version 4. What happens? | mv $VSC\_HOME/Downloads/ParaView-5.11.1-MPI-Linux-Python3.9-x86\_64.tar.gz $VSC\_SCRATCH  mv $VSC\_HOME/Downloads/ParaView-4.0.1-Linux-64bit.tar.gz $VSC\_SCRATCH  tar -xzf ParaView-5.11.1-MPI-Linux-Python3.9-x86\_64.tar.gz  tar -xzf ParaView-4.0.1-Linux-64bit.tar.gz  cd $VSC\_SCRATCH/ParaView-5.11.1-MPI-Linux-Python3.9-x86\_64  ls  cd bin  ./paraview  cd $VSC\_SCRATCH/ParaView-4.0.1-Linux-64bit/bin  ./paraview |
| Copy apps/leuven/training/HPC\_biomech/C\_C++  to $VSC\_HOME directory and go C\_C++  Compile hello.c to hello - use intel/2021a toolchain and icc compiler  Run the hello program | cp –r  /apps/leuven/training/HPC\_biomech/C\_C++ $VSC\_HOME; cd C\_C++  module load intel/2021a; icc hello.c -o hello  ./hello |
| Download links-2.20.2.tar.gz file from <http://links.twibright.com/download/links-2.20.2.tar.gz> to your scratch directory  Unpack the file  Go to links-2.20.2 directory  Configure the package to be installed in $VSC\_SCRATCH  Install it  Go to bin directory in $VSC\_SCRATCH  Try to open www.google.com in links  Go to your home directory  Try to add the path where links is located ($VSC\_SCRATCH/bin) into env. $PATH  Check if system recognizes links command  Open www.google.com in links again  Close the terminal and try if links is recognized by the system in a new terminal  Copy the original .bashrc into your $VSC\_HOME directory as .bashrc-orig  Edit your .bashrc file and modify the $PATH the way that system knows where to find links. Open a new session and test if that works  Copy back the original .bashrc into your $VSC\_HOME directory | cd $VSC\_SCRATCH;  wget links.twibright.com/download/links-2.20.2.tar.gz  tar -xzf links-2.20.2.tar.gz  cd links-2.20.2  ./configure --prefix=$VSC\_SCRATCH  make  make install  cd $VSC\_SCRATCH/bin  ./links www.google.com  cd  export PATH=${PATH}:$VSC\_SCRATCH/bin  which links  links www.google.com  which links  cp $VSC\_HOME/.bashrc  $VSC\_HOME/.bashrc-orig  in .bashrc:  PATH=$PATH:$VSC\_SCRATCH/bin:  cp $VSC\_HOME/.bashrc-orig  $VSC\_HOME/.bashrc |