

## HANDS-ON 5

Task	Hint
<p>Download (using Firefox under NX) or on your computer (and copy it to the cluster afterwards) Paraview Binary Installer version 4 (4.0.1) for the cluster operating system (Linux 64-bit) from <a href="http://www.paraview.org/download/">http://www.paraview.org/download/</a> (ParaView-4.0.1-Linux-64bit.tar.gz)</p> <p>Move the file into \$VSC_SCRATCH directory</p> <p>Unpack the file</p> <p>Go to the ParaView-4.0.1-Linux-64bit in your scratch directory</p> <p>Check what is in there</p> <p>Go to the directory containing binary(executable) files</p> <p>Run paraview</p>	<pre>mv \$VSC_HOME/Downloads/ParaView-4.0.1-Linux-64bit.tar.gz \$VSC_SCRATCH</pre> <pre>tar -xzf ParaView-4.0.1-Linux-64bit.tar.gz</pre> <pre>cd \$VSC_SCRATCH/ParaView-4.0.1-Linux-64bit</pre> <pre>ls</pre> <pre>cd bin</pre> <pre>./paraview</pre>
<p>Copy apps/leuven/training/HPC_biomech/C_C++ to \$VSC_HOME directory and go C_C++</p> <p>Compile hello.c to hello - use intel/2014a toolchain and icc compiler</p> <p>Run the hello program</p>	<pre>cp -r /apps/leuven/training/HPC_biomech/C_C++ \$VSC_HOME; cd C_C++</pre> <pre>module load intel/2018a; icc hello.c -o hello</pre> <pre>./hello</pre>
<p>Download links-2.13.tar.gz file from <a href="http://links.twibright.com/download/links-2.20.2.tar.gz">http://links.twibright.com/download/links-2.20.2.tar.gz</a> to your scratch directory</p> <p>Unpack the file</p> <p>Go to links-2.20.2 directory</p> <p>Configure the package to be installed in /\$VSC_SCRATCH/</p> <p>Install it</p>	<pre>cd \$VSC_SCRATCH; wget links.twibright.com/download/links-2.20.2.tar.gz</pre> <pre>tar -xzf links-2.20.2.tar.gz</pre> <pre>cd links-2.20.2</pre> <pre>./configure --prefix=/\$VSC_SCRATCH</pre> <pre>make</pre> <pre>make install</pre>

Go to bin directory in \$VSC_SCRATCH	cd \$VSC_SCRATCH/bin
Try to open www.google.com in links	./links www.google.com
Go to your home directory	cd
Try to add the path where links is located (/home/student/Downloads/bin) into env. \$PATH	export PATH=\${PATH}:\$VSC_SCRATCH/bin
Check if system recognizes links command	which links
Open www.google.com in links again	links www.google.com
Close the terminal and try if links is recognized by the system in a new terminal	which links
Copy the original .bashrc into your \$VSC_HOME directory as .bashrc-orig	cp \$VSC_HOME/.bashrc \$VSC_HOME/.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	in .bashrc: PATH=\$PATH:\$VSC_SCRATCH/bin:
Copy back the original .bashrc into your \$VSC_HOME directory	cp \$VSC_HOME/.bashrc-orig \$VSC_HOME/.bashrc