The current Unix (Linux) version on a cluster node can be retrieved with the following command:

```
$ cat /etc/redhat-release
```

The command ‘uname -a’ returns the version and release of the Unix kernel.

For equivalent info along with specification of the version of the default installed gcc (GNU Compiler Collection), type:

```
$ cat /proc/version
```

The table below shows software already installed on the cluster system-wide.

The list may be partial and not totally up-to-date at any given time. Use one of the following commands to verify whether unlisted software/packages can be found on Terremoto otherwise:

- `module avail`
- `rpm -qa <packageName>`
- `locate <name>`

<table>
<thead>
<tr>
<th>Name</th>
<th>Version</th>
<th>Location / Module</th>
<th>RPM / files</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>anaconda-4.2.0</td>
<td>python 2.7.15</td>
<td>module load anaconda/2-5.3.1</td>
<td>/moto/opt/anaconda2-5.3.1</td>
<td>Python for Scientific Computing</td>
</tr>
<tr>
<td>anaconda-4.2.0</td>
<td>python 3.7.0</td>
<td>module load anaconda/3-5.3.1</td>
<td>/moto/opt/anaconda3-5.3.1</td>
<td>Python for Scientific Computing</td>
</tr>
<tr>
<td>cuda</td>
<td>9.2</td>
<td>module load cuda92/toolkit</td>
<td>/cm/shared/apps/cuda92/toolkit</td>
<td>GPU Computing</td>
</tr>
<tr>
<td>gcc</td>
<td>7.2.0</td>
<td>module load gcc/7.2.0</td>
<td>/bin/gcc</td>
<td>Compiler - C / C++</td>
</tr>
<tr>
<td>openmpi</td>
<td>1.10.7</td>
<td>module load openmpi/gcc/64/1.10.7</td>
<td>/cm/shared/apps/openmpi/gcc/64/1.10.7</td>
<td>OpenMPI Compiler</td>
</tr>
<tr>
<td>R</td>
<td>3.5.1</td>
<td>module load R/3.5.1</td>
<td>/moto/opt/R-3.5.1</td>
<td>Programming Language</td>
</tr>
<tr>
<td>Singularity</td>
<td>2.6.1</td>
<td>module load singularity</td>
<td>/moto/opt/singularity-2.6.1</td>
<td>Run Docker-like containers</td>
</tr>
<tr>
<td>Stata</td>
<td>15</td>
<td>module load stata/15</td>
<td>/moto/opt/stata15</td>
<td>General-purpose statistical software</td>
</tr>
</tbody>
</table>