

Cluster visualization

Contributed by Viktor Bojovič;#263;
Friday, 22 February 2008
Last Updated Wednesday, 27 February 2008

Visualization on cluster is simpler than visualization on grid. Command qsub is used to job submission, and qstat to view the status of the job. Communication between nodes is much faster, so there is no need for downloading results. All results are being automatically downloaded to your home directory or to directory where they were run from. That depends of server configuration, but the path can be set up.

Povray script looks like this:

```
ezop@hal:~/gotovo/grid1/kocke_100x100/10$ cat cluster0.sh
```

```
#!/bin/bash
```

```
cd $PBS_O_WORKDIR
```

```
./povray 0.ini +H100 +W100
```

This script just runs povray in current directory (\$PBS_O_WORKDIR). All output data is automatically stored to that directory.