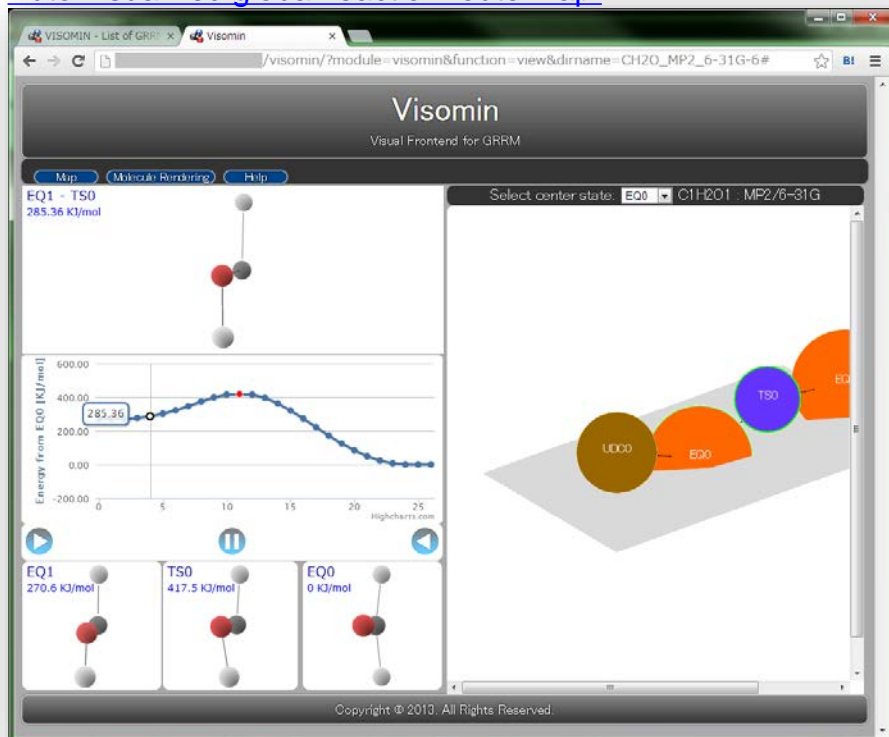


Visomin ver. 3.0

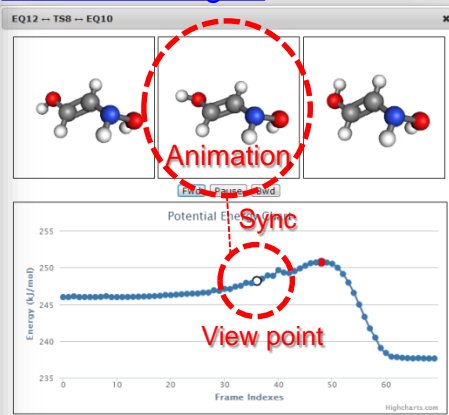
<http://www.hpc.co.jp>
 hpc_sales@hpc.co.jp
 TEL: +81-3-5446-5531
 FAX: +81-3-5446-5550

Visomin interprets results of GRRM[1] and visualize a global reaction route map with web-based interface. It powerfully assists you in analyzing reaction route.

Auto-visualized global reaction route map:



3D animation of molecular structure changes:



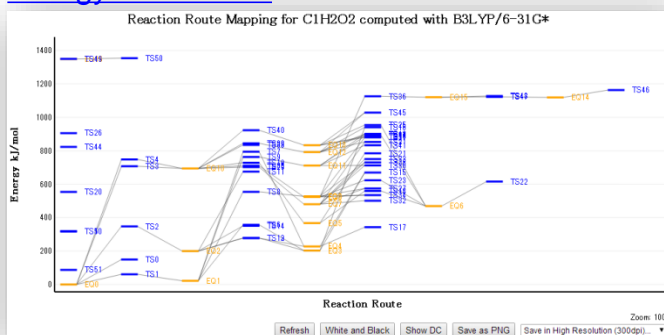
Molecular structure changes are shown in 3D animation, synchronizing with the view point in the energy profile chart.

Job list:

The screenshot shows the 'List of GRRM Jobs' interface. It includes a table with columns for Job ID, User, Status, Job Name, CPUs, Run Time, Submitted, Started, Expired, Job Control, and Analysis. Below the table, there are buttons for 'Log Out' and 'GRRM'. A copyright notice is at the bottom.

| Job ID | User | Status | Job Name | CPUs | Run Time | Submitted | Started | Expired | Job Control | Analysis |
|--------|------|---------|--------------------------------------|------|--------------|--------------|--------------|---------|-------------|----------|
| 1451 | hpc | Running | GRRM_H2CO2_20140111_105400_MP2/6-31G | 16 | 144:53:55 | Jan 30 08:46 | Jan 30 11:58 | | Log Out | Analysis |
| 1452 | hpc | Running | GRRM_H2CO2_20140111_105400_MP2/6-31G | 16 | 144:17:08:46 | Jan 30 08:46 | Jan 30 18:00 | | Log Out | Analysis |
| 1453 | hpc | Running | GRRM_H2CO2_20140111_105400_MP2/6-31G | 16 | 184:00:44:44 | Jan 17 10:57 | Jan 17 10:57 | | Log Out | Analysis |
| 1453 | hpc | Running | GRRM_H2CO2_20140111_105400_MP2/6-31G | 16 | 184:00:16:55 | Jan 17 10:54 | Jan 17 10:55 | | Log Out | Analysis |
| 1453 | hpc | Running | GRRM_H2CO2_20140111_105400_MP2/6-31G | 16 | 184:00:15:13 | Jan 17 10:50 | Jan 17 10:51 | | Log Out | Analysis |
| - | - | - | GRRM_H2CO2_20140111_105400_MP2/6-31G | - | - | - | - | - | Log Out | Analysis |
| - | - | - | GRRM_H2CO2_20140111_105400_MP2/6-31G | - | - | - | - | - | Log Out | Analysis |
| - | - | - | GRRM_H2CO2_20140111_105400_MP2/6-31G | - | - | - | - | - | Log Out | Analysis |

Energy level chart:



Just 1 click to see an energy level chart.
 (Can be saved as .png/.eps/.ps/.pdf/.svg)

GRRM jobs are managed by a batch job system. All control can be done without complex Linux commands.

System Requirements: * Packed in HPC SYSTEMS' servers

RedHat® Enterprise Linux® 6/CentOS 6, GRRM14/GRRM11, Lava/LSF, PHP5, GoogleChrome/Firefox