Job Resource Usage Data Description

Field	Units	Description
Job Id	String	The unique identifier assigned to the job by the job scheduler.
Host	String	The node where this data point comes from (also one of the nodes this job ran on)
Event	String	Which resource usage metric this record pertains to
Value	numeric	The numeric value of the metric at this collection time stamp
Units	String	The units in which this metric is measured
Timestamp	datetime	The timestamp for this data point

Metrics Collected

The following table lists the resource usage metrics available in this dataset

Metric	Description
cpuuser	The average percentage of time spent in CPU user mode. The average is computed over each time interval.
block	The total rate of data transferred to and from the block devices on each node. The rate is computed over each time interval and is the sum of data read and written.
memused	The total physical memory used by the operating system
memused_minus_diskcache	The total physical memory used by the operating system excluding memory used for caches. This value includes the contribution for all processes including system daemons and all running HPC jobs but does not include the physical memory used by the kernel page and SLAB caches
gpu_usage	(GPU jobs only) The average percentage of time spent with the GPU active. The average is computed over each time interval.
nfs	The total rate of data transferred to and from the parallel filesystem over NFS mounts. The rate is computed over each time interval and is the sum of data sent and received by each node.