Systemload Operator

This operator allows to add a new system load to the meta data. To use this operator, the Systemload feature must be installed

```
#PARSER PQL
#METADATA SystemLoad
#METADATA TimeInterval
#RUNQUERY
out = TIMER({PERIOD = 1000, SOURCE = 'source'})

out2 = SYSTEMLOAD(out)
```

It creates an output as in the following:


```
1613386630522 | META | ( i= 1613386630522|oo | sysload= {sysload:local {"TIME":1613386630530,"CPU_LOAD":
0.09376250033334223,"USER_LOAD":5.33,"MEM_FREE":976347992,"MEM_TOTAL":1048576000,"SYSTEM_MEM_FREE":27068215296,"
SYSTEM_MEM_TOTAL":51457654784,"NETWORK":[{"bytesSent":0,"bytesReceived":0,"mac":"---removed---"},{"bytesSent":
0,"bytesReceived":0,"mac":"---removed---"},{"bytesSent":0,"bytesReceived":0,"mac":"---removed---"}]}} )
```


The Systemload is attached as a key value object with the following entries:

- TIME: The timestamp of measurement (Current time in millies)
- CPU_LOAD: The CPU load of the system
- USER_LOAD: The user part of the CPU
- MEM_FREE: Free memory for the VM (Runtime.getRuntime().freeMemory())
- MEM_TOTAL: Available memory for the VM (Runtime.getRuntime().totalMemory())
- SYSTEM_MEM_FREE: The free memory of the whole system
- SYSTEM_MEM_TOTAL: Available memory of the whole system
- NETWORK: For each network adapter
    - bytesSent: The number of bytes send, since the last output
    - bytesReceived: The number of bytes read, sind the last output
    - mac: The mac adress of the adapter

NETWORK measurement is currently work in progress and will probably change in near future.