Miscellaneous

Useful Commands

Card Usage

One may check the card usage status with "hl-smi".

```
hl-smi
```

The **hl-smi** will display a report. Look at the bottom box. Here it shows that HPU 1 is running a process. The other HPUs are not running.

```
+----------------------------------------------------------------------
---+
| HL-SMI Version:                           hl-1.4.1-rc-fw-35.0.2.0
|
| Driver Version:                                     1.4.1-1f3054c
|
|-----------------------------+----------------------+--------------
---+
| AIP   Name        Persistence-M| Bus-Id          Disp.A | Volatile Uncorr.
ECC |
| Fan   Temp  Perf   Pwr:Usage/Cap|           Memory-Usage | AIP-Util  Compute
M. |
|=============================+======================+==================
===|
|   0  HL-205             N/A  | 0000:19:00.0     N/A |
0  |
| N/A   35C   N/A    100W / 350W |  32454Mib / 32768Mib |    63%
N/A |
|-----------------------------+----------------------+--------------
---+
|   1  HL-205             N/A  | 0000:b3:00.0     N/A |
0  |
| N/A   28C   N/A     98W / 350W |  32254Mib / 32768Mib |    13%
N/A |
|-----------------------------+----------------------+--------------
---+
|   2  HL-205             N/A  | 0000:b4:00.0     N/A |
0  |
| N/A   20C   N/A    107W / 350W |   512Mib / 32768Mib |    16%
N/A |
|-----------------------------+----------------------+--------------
---+
|   3  HL-205             N/A  | 0000:cc:00.0     N/A |
0  |
| N/A   26C   N/A    107W / 350W |   512Mib / 32768Mib |    16%
```

```
   N/A |
   |-------------------------------+---------------------+------------------
   ---+
   |   4   HL-205              N/A  | 0000:cd:00.0     N/A |
   0    |
   | N/A    30C   N/A   102W / 350W |    512Mib / 32768Mib |    14%
   N/A |
   |-------------------------------+---------------------+------------------
   ---+
   |   5   HL-205              N/A  | 0000:1a:00.0     N/A |
   0    |
   | N/A    25C   N/A   103W / 350W |    512Mib / 32768Mib |    14%
   N/A |
   |-------------------------------+---------------------+------------------
   ---+
   |   6   HL-205              N/A  | 0000:33:00.0     N/A |
   0    |
   | N/A    25C   N/A   103W / 350W |    512Mib / 32768Mib |    15%
   N/A |
   |-------------------------------+---------------------+------------------
   ---+
   |   7   HL-205              N/A  | 0000:34:00.0     N/A |
   0    |
   | N/A    27C   N/A   102W / 350W |    512Mib / 32768Mib |    14%
   N/A |
   |-------------------------------+---------------------+------------------
   ---+
   | Compute Processes:                                              AIP
   Memory |
   |  AIP       PID   Type   Process name                            Usage
   |
   |==================================================================
   ===|
   |   0       N/A   N/A    N/A                                        N/A
   |
   |   1     2006754     C   python
                                31742Mib
   |   2       N/A   N/A    N/A                                        N/A
   |
   |   3       N/A   N/A    N/A                                        N/A
   |
   |   4       N/A   N/A    N/A                                        N/A
   |
   |   5       N/A   N/A    N/A                                        N/A
   |
   |   6       N/A   N/A    N/A                                        N/A
   |
   |   7       N/A   N/A    N/A                                        N/A
   |
   +==================================================================
   ===+
```

How busy is the system?

Use one of

```
top
htop
```