Miscellaneous

Useful Commands

Card Usage

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

```
hl-smi
```

The **hl-smi** will display a report.

The second and third line show the current version. Here it is **1.6.0**.

Look at the bottom box. Here it shows that HPU 1 is running your process. The other HPUs are not running a process of yours.

It will not tell you if someone else is using one or more HPUs.

```
+----------------------------------------------------------------------
---+
| HL-SMI Version:                        hl-1.6.0-fw-36.3.2.0-1-gda631d8
|
| Driver Version:                                         1.6.0-3c06a7c
|
|-----------------------------+----------------------+-----------------
---+
| 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
```