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 **1.8.0**.

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-1.8.0-fw-40.0.0.2          |
| Driver Version:                                  1.8.0-a9c2c49           |
|-------------------------------+----------------------+----------------------+
| 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
```

60439

Contact

Internal Admin

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