Steps to Run a Model/Program

NOTE: Please be mindful of how you are using the system. For example, consider running larger jobs in the evening or on weekends.

Introduction

Example Programs lists the different example applications with corresponding commands.

Copy Examples

Habana provides examples of some well known AI applications under the path. Clone the repository to your home directory.

```
cd ~/
git clone https://github.com/HabanaAI/Model-References.git
cd Model-References
git checkout 1.8.0
```

Set PYTHONPATH

Find the Python path using the command:

```
which python3
```

The output will look something like:

```
/usr/bin/python3

# Or inside a virtual environment
/home/CELSGCEUserID/my_env/bin/python3
```

Set PYTHONPATH

```
export PYTHONPATH=/path/to/python3
```

Then

```
export PYTHONPATH=/path/to/Model-References:$PYTHONPATH
```

If **Model-References** is in your root directory, the command would be

```
export PYTHONPATH=~/Model-References:$PYTHONPATH
```

Run

This will run the application on a Habana node.

```
cd ~/Model-References/PyTorch/examples/computer_vision/hello_world
python mnist.py --hpu
```

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