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wasit7



wasit7 / parallel_forest

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Installation

krerkkiat edited this page 6 days ago · 3 revisions

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Requirements

- Python 2
- IPython

Setup

Linux

IPython

If you have [pip](#) you can install IPython with it:

```
sudo pip2 install ipython
```

parallel_leaf

If you have [git](#) you can obtain the source code by:

```
git clone https://github.com/wasit7/parallel_forest.git
```

Or you can download a source code from the [repository page](#)

Run

Linux

If you intend to run this project on local computer, please make sure that engines' working directory is the project directory.

In order to have project's directory as working directory of the engines, add this line to code in `scmaster.py` before any remote import on engines.

```
self.dview.execute('os.chdir("path_to_your_project_directory")')
```

then start ipcluster by execute this command:

```
ipcluster2 start --n=number_of_engines_you_want
```

OR just run the command above in the project directory.

Obtain the sample dataset by execute:

```
python2 dataset_pickle.py
```

This will create the sample dataset file to the `/training`. You have to rename it to `datasetXX.pic`, where [XX] is index of an engine you have to change the index according

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https://github.com/wasit7/parallel_forest



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to the number of engine you have. For example, a number of engines is 8 the number [XX] are 00, 01, 02, ..., 07.

Then you can start the training process by execute:

```
python2 scmain.py
```

The `parallel_leaf` will use the dataset files in the `/training` for training process. Make sure that you have enough dataset files for your engines, and it was named properly.

Please contact me, if you want to contribute to the project. Wasit Limprasert

