

UBDA Python Example - An example of deep learning using cotton images - Mar 2020

Project Title

An example of deep learning using cotton images

Written by

* **UBDA ** - Mar 3, 2020

Sources

All the program(s), control file and data are available at
/ubda/apps/examples/python/ubda_demo_ex_cotton

Python program(s)

/ubda/apps/examples/python/ubda_demo_ex_cotton/ubda_cotton.py

PBS (control file)

/ubda/apps/examples/python/ubda_demo_ex_cotton/ubda_cotton.pbs

Data

/ubda/apps/examples/python/ubda_demo_ex_cotton/ubda_cotton.py/images
(a directory containing the cotton images)

Executing the program

```
cd $HOME
```

```
mkdir cotton
```

```
cd cotton
```

```
cp /ubda/apps/examples/python/ubda_demo_ex_cotton/cotton_ubda.py ./
```

```
cp /ubda/apps/examples/python/ubda_demo_ex_cotton/cotton_ubda.pbs ./
```

```
module load anaconda3-5.2.0
```

```
qsub cotton_ubda.pbs
```