

9.7 - hdf

July 12, 2017

```
In [1]: import pandas as pd
```

```
In [2]: !mkdir out
```

```
mkdir: impossibile creare la directory "out": File già esistente
```

```
In [3]: for i in range(1, 1000):
        s = pd.Series(range(i))
        s.to_csv("out/{}.csv".format(i))
```

```
In [4]: for i in range(1, 1000):
        s = pd.Series(range(i))
        s.to_hdf('test.hdf', "a_{}".format(i))
```

```
In [5]: ! ls -lah test.hdf
```

```
-rw-r--r-- 1 pietro pietro 12M lug 12 12:47 test.hdf
```

```
In [6]: ! du -sh out
```

```
5,8M      out
```

0.1 ... or alternatively...

```
In [7]: ss = [pd.Series(range(i),
                        index=pd.MultiIndex.from_product([[i], range(i)])) for i in
```

```
In [8]: pd.concat(ss).to_hdf('test2.hdf', "them_all")
```

```
In [9]: ! ls -lah test2.hdf
```

```
-rw-r--r-- 1 pietro pietro 5,8M lug 12 12:47 test2.hdf
```