

using mcsoda



# prerequisites

- python
- git



# installing

```
git clone git://github.com/membase/testrunner.git
```



# -h for help

cd testrunner

./pytests/performance/mcsoda -h



# whoa, a lot of ratios

```
$ ./pytests/performance/mcsoda.py -h
```

```
usage: ./pytests/performance/mcsoda.py [memcached[-binary|-ascii]://][user[:pswd]@]host[:port] [key=val]*
```

```
...
```

```
optional key=val's and their defaults:
```

```
batch          = 100  Batch / pipeline up this number of commands.
```

```
json           = 1    Use JSON documents. 0 to generate binary documents.
```

```
max-creates    = -1   Max number of creates; defaults to max-items.
```

```
max-items      = -1   Max number of items; default 100000.
```

```
max-ops        = 0    Max number of ops before exiting. 0 means keep going.
```

```
min-value-size = 10   Minimal value size (bytes) during SET's; comma-separated.
```

```
ratio-creates  = 0.1  Fraction of SET's that should create new items.
```

```
ratio-hot      = 0.2  Fraction of items to have as a hot item subset.
```

```
ratio-hot-gets = 0.95 Fraction of GET's that hit the hot item subset.
```

```
ratio-hot-sets = 0.95 Fraction of SET's that hit the hot item subset.
```

```
ratio-misses   = 0.05 Fraction of GET's that should miss.
```

```
ratio-sets     = 0.1  Fraction of requests that should be SET's.
```







