

Perform benchmarks on the filesystem

- To test the speed of the filesystem (not the physical disk!) you can use the following script:

```
#!/bin/bash

# USAGE:
# ./speed_test.sh /path/to/my/file /path/to/destination number_of_tests

NUM_TESTS=$3
SUM=0
for i in $( seq 1 $NUM_TESTS ); do

REC=`dd if=$1 of=$2 2> some_random_file_ ; cat some_random_file_ | cut -d " " -f8 | tail -1`

SUM=`echo $SUM + $REC | bc`

done

RESULT=`echo $SUM / $NUM_TESTS | bc | awk '{ str1=str1 $0 }END{ print str1 }'`

echo $RESULT MB/s

#clean up
rm some_random_file_
rm $2
```

- To make a big file, use

```
cat /dev/zero > zerofile
```

and abort it with CTRL-C after a few seconds.

Alternatively, you can use something like

```
dd if=/dev/zero of=file.out bs=1MB count=500
```

to create a 500MB file.

- Start the script like this:

```
./speed_test.sh /mnt/sda1/zerofile /mnt/sdb1/zerofilecopy 3
```

The result will be something like

```
./speed_test.sh ./zerofile ./2delete 5
```

```
237 MB/s
```

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