

# Test - Setup Profile: 10,000 x 50MB

The initial dataset to load into the repository before testing proper begins.

Parameter	Suggested values	Notes
Number of <a href="#">containers</a>	10,000	
Average number of <a href="#">binaries</a> per container	1	
Standard deviation of binary per container	0	
Average size of binary	52428800	
Standard deviation of binary size	0	
Average number of properties per <a href="#">resource</a>	n/a	no properties set
Standard deviation of properties per resource	n/a	
Is binary data random?	Yes	

## BenchToolFC3 Script for Fedora 3

```
#!/bin/sh

REPO=http://localhost:8983/fedora
BATCHES=100
OBJ=100
DS=52428800

N=0
while [ $N -lt $BATCHES ]; do
    N=$(( $N + 1 ))
    echo "$N ====="
    java -cp target/bench-tool-0.0.1-SNAPSHOT-jar-with-dependencies.jar org.fcrepo.bench.BenchToolFC3 $REPO
    fedoraAdmin fedoraAdmin $OBJ $DS
done
```

## BenchToolFC4 Script for Fedora 4

```
#!/bin/sh

REPO=http://localhost:8080
BATCHES=100
OBJ=100
DS=52428800
THREADS=1

N=0
while [ $N -lt $BATCHES ]; do
    N=$(( $N + 1 ))
    echo "$N ====="
    java -cp target/bench-tool-0.0.1-SNAPSHOT-jar-with-dependencies.jar org.fcrepo.bench.BenchToolFC4 $REPO $OBJ
    $DS $THREADS
done
```