

Test - Setup Profile: 1000 x 1MB

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

| Parameter | Suggested values | Notes |
|---|------------------|-------------------|
| Number of containers | 1000 | |
| Average number of binaries per container | 1 | |
| Standard deviation of binary per container | 0 | |
| Average size of binary | 1048576 | |
| Standard deviation of binary size | 0 | |
| Average number of properties per resource | 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=10
OBJ=100
DS=1048576

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=10
OBJ=100
DS=1048576
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
```