

/home/foo.txt

Block #1

Block #2

Name Node

Metainformationen:

/home/foo.txt:1, r:3, {1,2,4}

/home/foo.txt:2, r:3, {2,3,4}

HDFS
Client

1: Speichere Metadaten

2: Blockaufteilung

3: Block #1

3: Block #2

Data Node #1

Block #1

Data Node #3

Block #2

Data Node #2

Block #1

Block #2

Data Node #4

Block #1

Block #2

Replikation