

Alluxio Client
access on Scheme
alluxio://path

Alluxio Master
FS tree
Worker Metadata

Host

optional
REST Proxy

Alluxio Worker
RAM
... for FS data
or alien FS **Cache**

optional
persistant

local FS

Worker doing RPC
and data transfer
to each other

Alluxio call
this US
(Under Storage)
for single files
or folder

Zookeeper

Backup Master

path maybe
part of HDFS ?

Alluxio

Datanode

Namenode

HDFS

If you need Fault Toleranz,
you need ZK, Backup Master
and a shared FS like HDFS

<https://www.alluxio.org/docs/1.4/en/Running-Alluxio-Fault-Tolerant.html>

