

**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>

