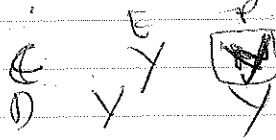


~~Dataset size~~  
~~Size~~  
~~No~~

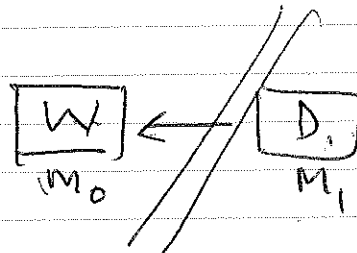
~~Conf~~  $[C_s;$

$T_{\text{complete}} = \underline{T_x} + \underline{T_{I/O}} + T_{\text{computation}}$

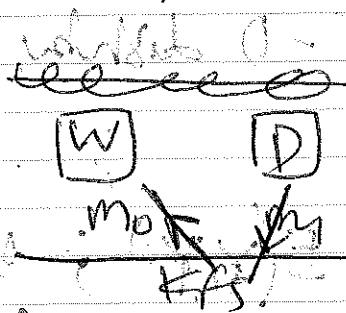
Conf  $[C_s; C-D \text{ distribution}; FS; DA]$



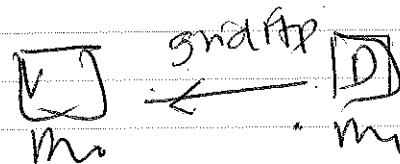
Data Access(?)



DDF: Local FS vs KFS  
 direct I/O, ssh, gridftp  
 (scp)

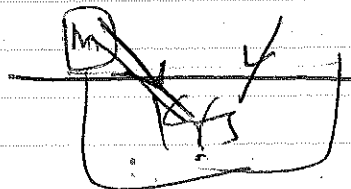


→ KFS  
 or: protocol  
 KFS ?  
 → protocol Agnostic



(S/O (gridftp, LFS))

or



~~(S/O (gridftp, LFS))~~ KFS

D I/O  
gridftp

LFS  $m_1$   
LFS  $m_1$

(FS; ~~DA~~)

gridftp  
D

LFS  $m_1 \leq m_0$

Direct I/O KFS  $m_1$   
Direct I/O KFS  $m_1 m_0$

C<sub>5</sub>: C-D dishbar; KFS

1L, OR C[287; E(Y, Y); KFS; Direct I/O]

OL, IR C[287; E(N, N), P(N, Y); KFS, Direct]

IR, IR

E(Y, Y) P(Y, Y)

Compare "Remote" in Conn RDF with  
OL, IR on KFS