

03/05/2012 17:28

ID Generation

Topology

Locking

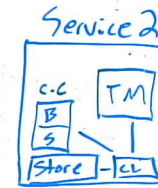
Transactor

- Catalog - cache, synced w/store

- All Service calls given Topology rev, respond w/ new topology if old

- Topology - cache of catalog

- Client connection: connect to any service, obtain catalog



Object Host

Obj ID	Host ID
1	1
2	1
6	2
6	3

Host

Host ID	Address
1	MyServer:1020
2	
3	

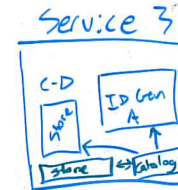
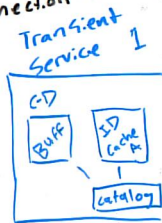
Together Unique

- Dropping columns:

- Specify dropped-in in Object table

- When purging log look for dropped-in changes and reflect to objects.

- When relocating stores, must include history



Client	Drop	Obj ID	Descr	Type
-	-	1	Table, C-A	Col Buf(?)
-	-	2	Lock, Mon A	LM(2)
-	-	3	Table, C-A	1

- Could buffer TID generation  
 - Possible benefit of caching rev for transient service (app set)  
 - Is the catalog just the col buffers for the sys tables?  
 - Could Partition TM - hierarchically w/ DT?