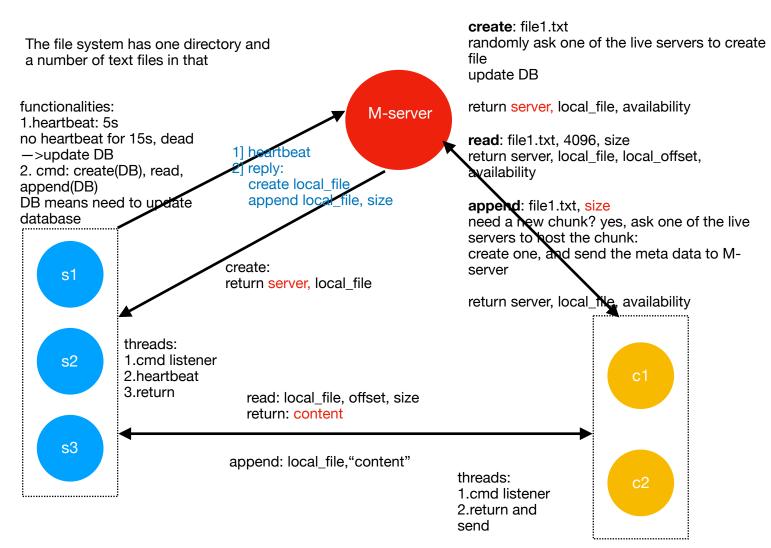
filename	chunk_id	chunk_size	local_file	server	avaiability	timestamp
file1.txt	1	8192	ABC	S3	1	
file1.txt	2	8192	DEF	S1	1	
file1.txt	3	4096	GHI	S2	1	
file2.txt	1	5	XYZ	S3	1	

primary key(filename, chunk_num)

timestamp: when was a chunk to server mapping last updated



The maximum amount of data can be appended at a time is 2048 bytes.

8192 - S < appended data size: a new chunk

Test case:

- 1. normal
- 2. add servers, add clients
- 3. some server is unavailable turn off s1, c2 tries to read from s1 c1 tries to append to s1 Then turn on s1, c2 reads again.