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To Run:

```
go build mr/mr.go
go build rf/*.go
go build -buildmode=plugin wc.go
go build main.go worker.go fmanager.go
./main input_files/pg-metamorphosis.txt wc.so
```

Output is stored in directory "output_files"

After some number of the tasks have been completed, the master node is killed and restarted by main to simulate failure. It then initializes itself from the replicated log and continues from the point of failure. To simulate worker failure, node 5 is unable to send heartbeat messages. The master will detect this failure and re-assign the tasks requested by node 5 to other nodes.

To compare output to sequential:

(output files concatenated into new file mr-out-0 and compared with sequential result)

```
go build mrsequential.go
./mrsequential wc.so ./input_files/pg-metamorphosis.txt
diff mr-out-0 mr-seq-out-0
```