6.824 Spring 2015 Paper Questions

For each paper, your assignment is two-fold. By 10PM the evening before lecture:

- Submit your answer for each lecture's paper question via the submission web site, and
- Submit your own question about the paper (e.g., what you find most confusing about the paper or the paper's general context/problem). You cannot use the question below. To the extent possible, during lecture we will try to answer questions submitted the evening before.

You can also upload your questions and answers using curl:

```
## Answer goes into lecN.txt
$ curl -F file=@lec2.txt \
       -F key=XXXXXXXX \
       http://6824.scripts.mit.edu/submit/handin.py/upload
## Question goes into sqN.txt
$ curl -F file=@sq2.txt \
       -F key=XXXXXXXX \
       http://6824.scripts.mit.edu/submit/handin.py/upload
```

Lecture 10

Distributed Shared Memory on Standard Workstations and Operating Systems Suppose that a simplified version of Treadmarks, called Dreadmarks, simply sent all modifications of variables between an acquire and a release to the next processor to acquire the same lock. No other modifications are sent. What changes does Treadmarks send that Dreadmarks does not? Outline a specific simple situation in which Treadmarks would provide more useful or intuitive memory behavior than Dreadmarks.

Questions or comments regarding 6.824? Send e-mail to 6.824-staff@pdos.csail.mit.edu.

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