

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

Lecture 12

[Managing Update Conflicts in Bayou](#) Suppose we build a distributed filesystem using Bayou, and the system has a copy operation. Initially, file A contains "foo" and file B contains "bar". On one node, a user copies file A to file B, overwriting the old contents of B. On another node, a user copies file B to file A. After both operations are committed, we want both files to contain "foo" or for both files to contain "bar". Sketch a dependency check and merge procedure for the copy operation that makes this work. How does Bayou ensure that all the nodes agree about whether A and B contain "foo" or "bar"?

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

[Top](#) // [6.824 home](#) //