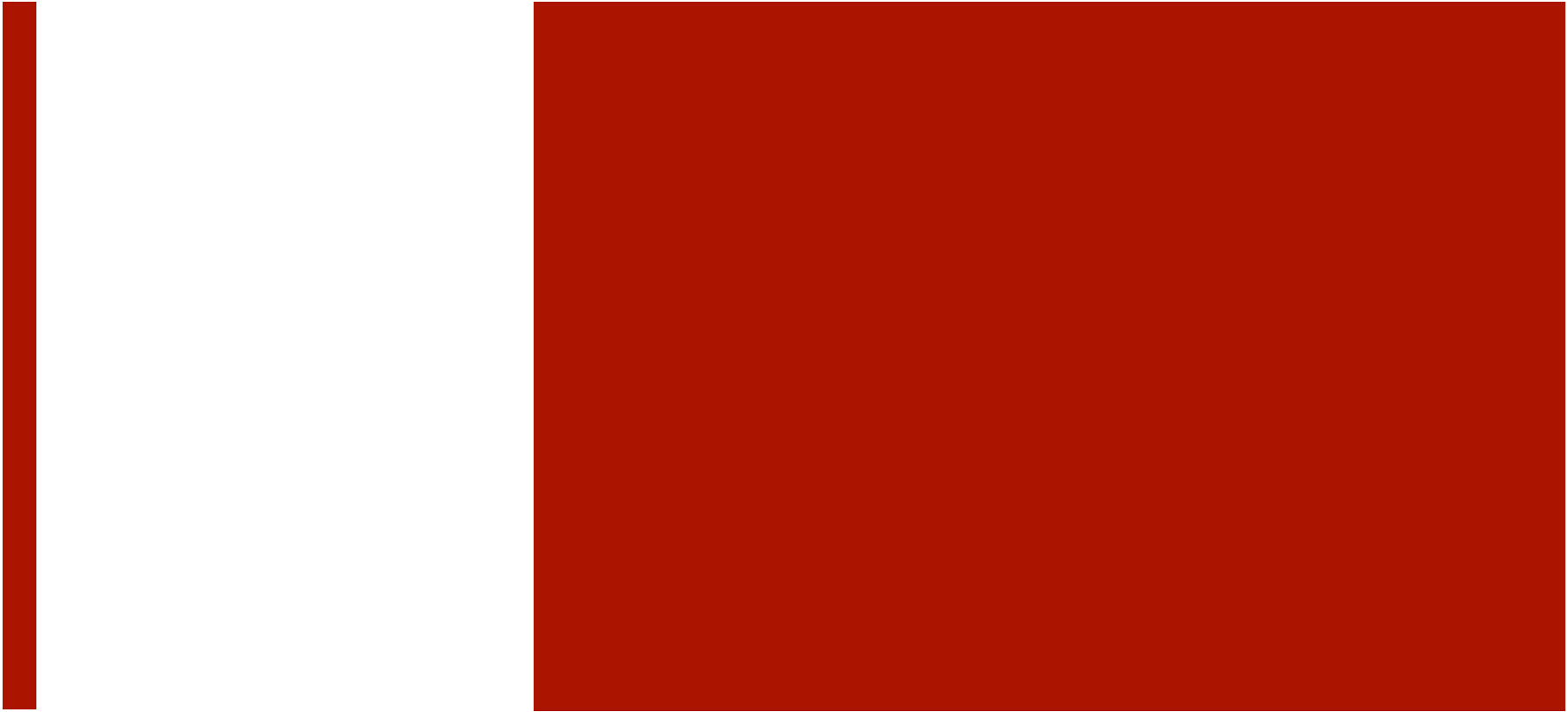




Lab3 MKDIR, UNLINK, and Locking

Xie Chenning@ipads

Information

- TA

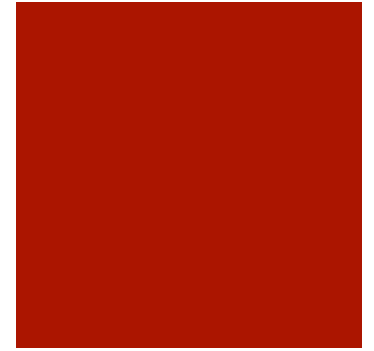
Chenning Xie

xiechenny@sjtu.edu.cn

xie.chenny@gmail.com

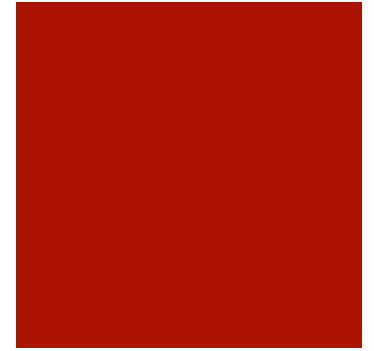


Lab3 MKDIR, UNLINK, and Locking



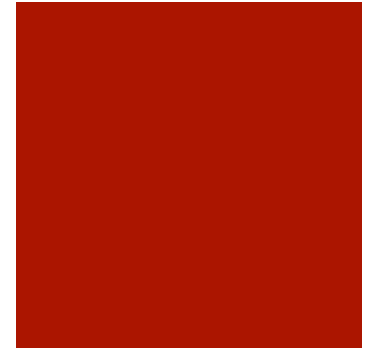
- Target:
 - MKDIR and UNLINK fuse operation
 - Add lock for concurrent access

Lab3 MKDIR, UNLINK, and Locking



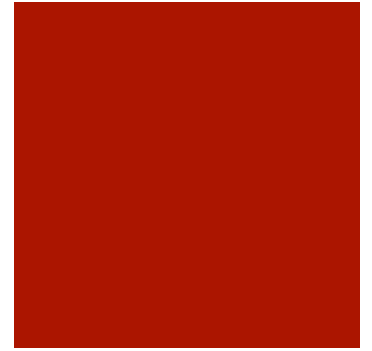
- Part1 MKDIR UNLINK
 - Do not need handle “.” “..” like linux for make a directory
 - Unlink is not what means in linux, simply free the exetent
 - Take care for your implementation in lab2
this part will check ctime amd mtime

Lab3 MKDIR, UNLINK, and Locking



- Part2
- This part will test two client concurrently make new file in same directory
- Be sure you add enough but not redundant lock:
 - inumber level? CREATE and LOOKUP need or not?
- Consider the efficiency of lock?

Lab3 MKDIR, UNLINK, and Locking



- Part2
- Debug Tips:
 - print out to see which file lost, why lost
 - Be careful for the WRITE operation of “\0”

Notice

- Hand-in procedure

ftp://public.sjtu.edu.cn/upload/
username: xiechenny

See the website :

[http://ipads.se.sjtu.edu.cn/courses/ads/
labs/lab3.shtml](http://ipads.se.sjtu.edu.cn/courses/ads/labs/lab3.shtml)

- Deadline: 2012-11-02 22:00

Thank you

