

1 Lecture 1

1. What is the OS?
2. What are the goals of the OS?
3. What are the roles of the OS?

2 Lecture 2

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2. What are the differences between Hard links vs Symbolic Links?
3. How to virtualize persistent storage?

3 Lecture 3

1. What are the disk layout strategies?
2. What are the pros and cons of each data block allocation?
3. Where do we store file data and metadata structures?
4. How do we keep track of data allocations?
5. How do we locate file data and metadata?
6. What are the limitations (max file size, etc.)?
7. How do file systems use the disk to store files?
8. Why an imbalanced tree in a tree-view of multi-level pointers?
9. How to virtualize persistent storage?