



深圳大学
Shenzhen University

操作系统

Lab5: xv6实践 / 文件管理

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相关源文件

- **fs.h** （文件内部结构）

- 阅读结构体**dinode**的定义及相关的宏定义。



题目 1

- xv6采用混合索引分配方式。阅读以下英文介绍：
 - The on-disk inode structure, `struct dinode`, contains a size and a list of block numbers. The inode data is found in the blocks `listed in the dinode's addrs array`. The first NDIRECT blocks of data are listed in the first NDIRECT entries in the array; these blocks are called “`direct blocks`”. The next NINDIRECT blocks of data are listed not in the inode but in a data block called the “`indirect block`”. The last entry in the addrs array gives the address of the indirect block.



题目1

- 请联系代码分析，回答以下问题：
 - 只采用直接分配方式，xv6支持的最大文件尺寸是多少？
 - 结合直接分配方式和索引分配方式，xv6支持的最大文件尺寸是多少？

