Notes

* XFS
  + 64-bit
  + journaling used
  + started in IRIX
    - ported to Linux Kernel
  + highly scalable
  + B+ tree structure
  + Make file size 8 EiB
  + Max volume size 16 EiB
  + First introduced in 1994
  + Allocation is performed with extents
  + Delayed allocation
    - Helps to prevent fragmentation
    - Online defragmentation is also supported
  + Uniquely able to pre-allocate I/O bandwidth for a guaranteed rate
    - Used for real-time applications
  + Began development in 1993
  + Put in main kernel in version 2.4
  + Put in several common flavors
  + Has yet to be included in RHEL
  + Can be used in RAID
    - Stripe unit can be specified when the system is made
    - Increases throughput
      * Makes sure that data allocation, inode allocation and the journal are aligned with the stripe
  + Block sizes between 512 bytes and 64kb