





| | A Typical File Control Block |
|---------------------------|---|
| | file permissions |
| | file dates (create, access, write) |
| | file owner, group, ACL |
| | file size |
| | file data blocks |
| Operating System Concepts | 12.4 Silberschatz, Galvin and Gagne ©2002 |















| Cor | ntiguous Alloca | ation of Disk | Space |
|---------------------------|---|--|---------|
| | | directory | |
| | count 0 1 2 3 f 4 5 6 7 8 9 10 11 tr tr 12 13 14 15 16 17 18 19 mail 20 21 22 23 24 25 26 27 list 28 29 30 31 1 | file start length count 0 2 tr 14 3 mail 19 6 list 28 4 f 6 2 | |
| Operating System Concepts | 12.12 | Silberschatz, Galvin and Gagr | e ©2002 |







| | Linked Allocation |
|---------------------------|--|
| | directory 0 1 10 2 3 4 5 0 7 1 8 9 10 11 1 12 13 14 15 1 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 |
| Operating System Concepts | 12.16 Silberschatz, Galvin and Gagne ©2002 |























| Linked Free Space List on Disk | | | |
|--------------------------------|----------------------------|--|--|
| - | free-space list head | | |
| | | | |
| | 8 9 10 11 12 13 14 15 | | |
| | 16 17 18 19 20 21 22 23 | | |
| | 24 25 26 27 🚘 | | |
| Operating System Concepts | | | |





































