

Unix System Administration

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Important Notes on Symlinks

- Work across partitions
 - Have their own INODE that points to another directory entry
 - Hard links directly reference INODEs specific to that partition
- Can point to directories
 - Hard links only link files
- Are less efficient than hard links
 - Extra de-reference to reach the actual file
- Can point to a non-existent file

SETUID and SETGID

- SETUID – program runs as user who owns file
- SETGID – program runs as group who owns file
 - One or the other (or both) can be set
- Only works on the actual executable running
 - Doesn't work in scripts!
- Real vs Effective user/group
 - Real remains the same
 - Effective is what permissions you have