IT 240
Shell Scripting for Administrators

Chapter 12
File Tests

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File Tests

- There are a whole wealth of file tests that we can perform when manipulating files:

  if -e $filename

- Table 12-1

File Functions

- *stat* and *lstat* may be used to gather very detailed information about a file

- *stat* returns a file handle to a filename that contains a 13 element list of numbers about the file

- *lstat* does the same thing, but on symbolic links, not files

File Functions

- The *localtime* function converts the time output from stat and lstat into normal calendar time

- The &, |, ^ are the bitwise AND, OR and XOR

- << is bit shift left and >> is bit shift right

- ~ is used for bit negation