

Attack plan

The idea is to set a password that will be used as a key. Since the password, as opposed to the keys, can contain any character, we can control the command passed to `system()` in `do_grep()`. Note that, because of the `set -e`, the shell will exit as soon as any command returns an error. Therefore, we must make sure that `/bin/grep` terminates successfully. Note that `grep` returns error even if it doesn't find the pattern in its input files.