

# Classic Shell Scripting Notes

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## 1.

- POSIX

POSIX Portable Operating System Interface

UNIX

UNIX

Linux

windows

windows

windows

## 2.

### 2.1. #!

```
cat > nursers
#!/bin/bash -
```

```
who | wc -l
```

```
py      #! /bin/python,    ./
```

### 2.2. printf

- printf C

### 2.3.

#### 2.3.1. <

```
tr
translate charactors
```

```
tr -d '0-9'
```

```
tr -d '0-9' < mytext.txt
```

**2.3.2.** >

**2.3.3.** >>

**2.3.4.** |

```
program1 | program2
1      program2
tr -d '\r' < mytext.txt | sort > mytext2.txt
:
1. tr    mytext.txt
2. tr    sort
3. sort  mytext2.txt
```

**2.3.5.** /dev/null /dev/tty

```
/dev/null
    echo 12321 > /dev/null
/dev/tty      maybe
read password < /dev/tty
/dev/tty
    stty -echo
    stty echo
```

## **2.4. Shell**

```
$1      $2
cat > finduser
#! /bin/sh

who | grep $1
^D
./finduser lxc
```

**2.5.**

```
set -x          +
```

## 2.6. .profile .bashrc

.profile

.bashrc    bash

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