

Chapter 5 - Customizing Working Environment

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System Variables

```
$PS1 - Shell apperance  
$PS1 = '$ '
```

Output:

```
-bash: \u@\h:\w\$: Command not fo  
21170004@comunix:~$ PS1='$ '  
$
```

```
$PATH - executables
```

Local/environment Variable

Local variable: affects current shell only

Environment variable: affects sub-shell as well

```
$ a = 3 //local variable  
$ export a // exposes variable
```

Example:

```
$ a=3; b=5  
$ echo $a $b // 3, 5  
$ export b  
$ sh // start sub-shell  
$ echo $a //no result  
$ echo $b //5  
$ exit //return to parent shell
```

Variable Commands

```
$ set //see all variables and its values  
$ set | grep PATH  
$ env //lists exported variables  
$ echo $variable
```

```
$ export //makes variable an env variable  
$ unset // delete variable
```

Alias

```
$ Substituting one term to another  
$ alias ls='ls -l'  
$ unalias ls
```