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Bash Shell: Ignore Aliases / Functions When Running A Command

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Q. How do I ignore shell aliases or function when running a command without removing alias / function from memory or current shell session?

A. aliases are mainly used for abbreviating a system command, or for adding default arguments to a regularly used command.



[1]

To view defined aliases the following commands can be used:

```
$ alias
```

Sample output:

```
alias cp='cp -i'
alias l='ls $LS_OPTIONS -lA'
alias ll='ls $LS_OPTIONS -l'
alias ls='ls $LS_OPTIONS'
alias mv='mv -i'
alias rm='rm -i'
alias apt-get='apt-get update && apt-get upgrade'
```

How to ignore aliases or functions when running a command?

Simply use command called `command` as follows to ignore aliases or functions. For example, on my system I've following alias set:

```
alias apt-get='apt-get update && apt-get upgrade'
```

To ignore `apt-get` alias, enter:

```
command apt-get -y install
```

You can also use any one of the following syntax:

```
\apt-get -y install
"apt-get" -y install
```

Both `\` and `"` symbols allows you to run real `apt-get` command and ignore `apt-get` alias.

More about 'command' command

Runs `COMMAND` with `ARGS` ignoring shell functions. If you have a shell function called `ls`, and you wish to call the `command /bin/ls` command, you can type:

```
command ls
```

If the `-p` option is given, a default value is used for `PATH` that is guaranteed to find all of the standard utilities under UNIX / Linux:

```
command -p ls
```

The `-V` or `-v` option is given, a string is printed describing `COMMAND`. The `-V` option produces a more verbose description:

```
command -v ls
```

Sample output:

```
ls is aliased to `ls $LS_OPTIONS'
```

type command

Type command will print information about alias, function and real command:

```
type -a apt-get
```

Sample output:

```
apt-get is aliased to `apt-get update && apt-get upgrade'  
apt-get is /usr/bin/apt-get
```

Further readings:

- bash man page

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