

Linux

2013 8 17

BIOS

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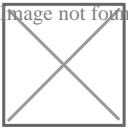


BIOS

Debian

/boot

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/boot

```
$ ls/boot
```

```
config-3.2.0-3-amd64
```

```
config-3.2.0-4-amd64
```

```
grub
```

```
initrd.img-3.2.0-3-amd64
```

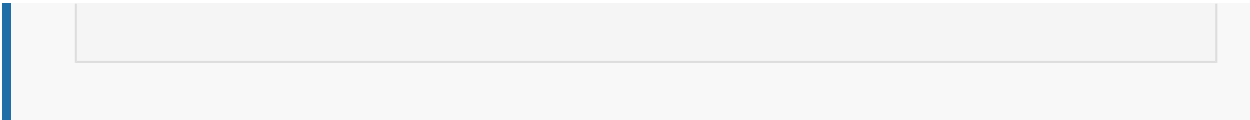
```
initrd.img-3.2.0-4-amd64
```

```
System.map-3.2.0-3-amd64
```

```
System.map-3.2.0-4-amd64
```

```
vmlinuz-3.2.0-3-amd64
```

```
vmlinuz-3.2.0-4-amd64
```



/sbin/init



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init pid 1

Windows "" daemon Linux ""

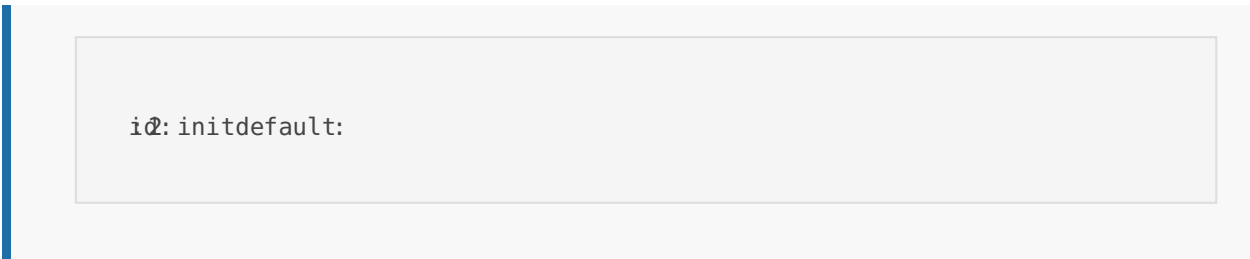
init " runlevel " " Apache Linux



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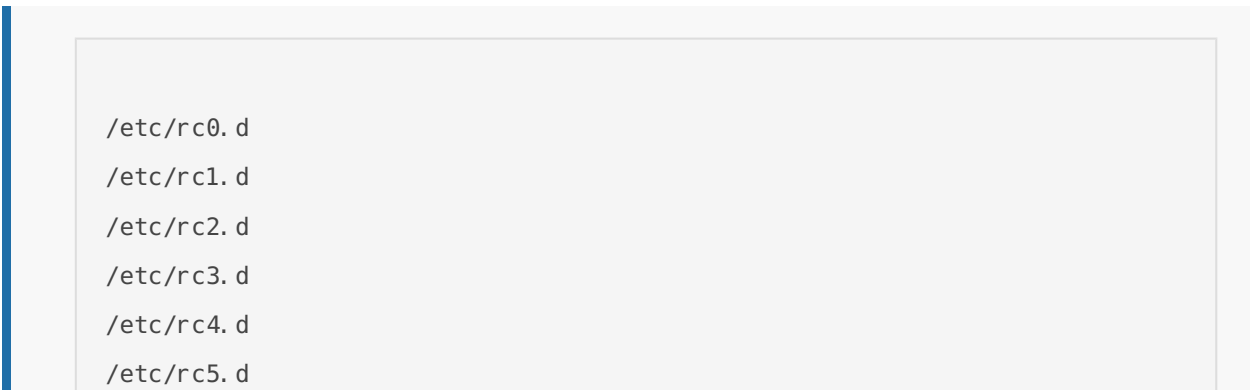
Linux 0-6 0 1 6 2-5 Debian

init /etc/inittab



initdefault 2 2

2 /etc



/etc/rc6.d

"rc" run command d directory /etc/rc2.d

```
$ ls /etc/rc2.d
```

README

S01motd

S13rpcbind

S14nfscommon

S16binfmtsupport

S16rsyslog

S16sudo

S17apache2

S18acpid

...

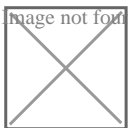
README " S+ + " S Start start K

README /etc/rcN.d

" " " "

Linux /etc/rcN.d /etc/init.d init

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```
$ ls -l /etc/rc2.d
```

```

README
S01motd> ../init.d/motd
S13rpcbind> ../init.d/rpcbind
S14nfscommon -> ../init.d/nfs-common
S16binfmt-support -> ../init.d/binfmt-support
S16rsyslog> ../init.d/rsyslog
S16sudo> ../init.d/sudo
S17apache2> ../init.d/apache2
S18acpid> ../init.d/acpid
...

```

/etc/init.d

Apache

```
$ sudo /etc/init.d/apache2 restart
```

/etc/init.d

d directory

/etc/init

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1

2 ssh

3

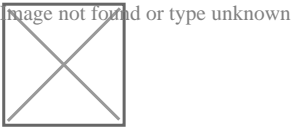
1	init	getty	get teletype	login	Debian	/etc/
2	ssh	sshd	Debian	/etc/pam.d/ssh	getty login	shell
3	init	Gnome	gdm	GNOME Display Manager		/e

login shell

shell

shell

login shell



Debian shell

```
1 /etc/profile
```

```
~/.bash_profile
~/.bash_login
~/.profile
```

```
~/.bash_profile
```

2 ssh

```
3      /etc/profile  ~/.profile      ~/.bash_profile
```

non-login shell

Linux

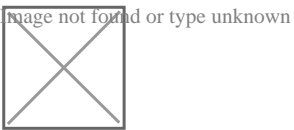
shell

shell

non-login shell

shell

```
/etc/profile .profile
```



non-login shell

shell

bash

~/.bashrc

bash

non-login shell

.bashrc

bash

Debian

~/.profile

```
if [ -n "$BASH_VERSION" ]; then
if [ -f "$HOME/.bashrc" ]; then
```

```
. "$HOME/.bashrc"
fi
fi
```

\$BASH_VERSION

.bashrc

source

/.profile

/.bashrc

/.bash_profile

/.profile

```
if [ -f ~/.profile ]; then
. ~/.profile
fi
```

.bashrc

Bash

Bash

/etc/p

Linux

Mac OS X

shell

Bash

.bash_profile

.bash_profile

.bashrc

ssh

[1] Debian Wiki, [Environment Variables](#)

[2] Debian Wiki, [Dot Files](#)

[3] Debian Administration, [An introduction to run-levels](#)

[4] Debian Admin [Debian and Ubuntu Linux Run Levels](#)

[5] Linux Information Project (LINFO), [Runlevel Definition](#)

[6] LinuxQuestions.org, [What are run levels?](#)

[7] Dalton Hubble, [Bash Configurations Demystified](#)

Revision #1

Created 10 February 2022 18:21:06 by

Updated 9 July 2022 18:56:42 by