

Initialization / finish script

[Debian TS-WXL](#)

SoftwareDesign 2010/2 P144 Modify for TS-WXL based on the script in Listing 1.

Creating a script

```
tswxl: ~ # vi /etc/init.d/miconapl
:
:
tswxl:~# cat !$
cat /etc/init.d/miconapl
#!/bin/sh

[ -f /usr/local/sbin/miconapl ] || exit 0

case "$1" in
    start)
        ldconfig
        /usr/local/sbin/miconapl -b -a boot_flash_ok
        /usr/local/sbin/miconapl -a boot_end
        /usr/local/sbin/miconapl -a serialmode_console
        ;;
    stop)
        /usr/local/sbin/miconapl -a shutdown_wait
        /usr/local/sbin/miconapl -a lcd_set_disptem off
        /usr/local/sbin/miconapl -a led_set_cpu_mcon off
        /usr/local/sbin/miconapl -a led_set_on_off off
        /usr/local/sbin/miconapl -a led_set_brink off
        ;;
    *)
        echo "Usage: $0 {start|stop}"
        exit 1
esac

exit 0

odxl: ~ #
```

Symbolic link

Create a symbolic link so that it is executed at startup and termination.

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```
tswxl:~# chmod +x !$
chmod +x /etc/init.d/miconapl
tswxl:~# cd /etc/rc0.d/
tswxl:/etc/rc0.d# ln -s ../init.d/miconapl /etc/rc0.d/K10miconapl
tswxl:/etc/rc0.d# ln -s ../init.d/miconapl /etc/rc6.d/K10miconapl
tswxl:/etc/rc0.d# ln -s ../init.d/miconapl /etc/rcS.d/S80miconapl
tswxl: /etc/rc0.d#
```

Restart

```
tswxl:/etc/rc0.d# shutdown -h now
```

```
:
```

```
:
```

Press power button to start

Login from serial console

```
Debian GNU/Linux 5.0 tswxl ttyS0
```

```
tswxl login:
```

```
Debian GNU/Linux 5.0 tswxl ttyS0
```

```
tswxl login: root
```

```
Password:
```

```
Last login: Wed Apr  7 06:53:14 JST 2010 on ttyS0
```

```
Linux odxl 2.6.22.18-mv78100 # 134 Thu Feb 4 11:14:40 JST 2010 armv5tej1
```

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Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

1 failure since last login.

Last was Wed Apr 7 07:23:54 2010 on pts/0.

```
tswxl:~# tty
```

```
/dev/ttyS0
```

```
odxl: ~ #
```

shut down

```
tswxl:~# shutdown -h now
```

```
INIT: Sending processBuffaloGpio_ChangePowerStatus > Writing 0x02
```

```
Stopping internet superserver: inetd.
```

```
Saving the system clock.
```

```
Cannot access the Hardware Clock via any known method.
```

```
Use the --debug option to see the details of our search for an access method.
```

```
Stopping enhanced syslogd: rsyslogd.
```

```
Asking all remaining processes to terminate...done.
```

```
All processes ended within 1 seconds....done.
```

```
Deconfiguring network interfaces...eth0: stopped
```

```
done.
```

```
Cleaning up ifupdown....
```

```
Deactivating swap...done.
```

```
Unmounting local filesystems...done.
```

```
Will now halt.
```

```
md: stopping all md devices.
```

```
md: md1 still in use.
```

```
md: md10 switched to read-only mode.
```

```
md: md0 switched to read-only mode.
```

```
sd 0:0:0:0: [sda] Synchronizing SCSI cache
```

```
System halted.
```

```
BuffaloChangePowerStatusBeforeHalt > Check power status. MagicKey = 0x02
```

```
BuffaloGpio_ChangePowerStatus > Writing 0x7a
```

```
BuffaloChangePowerStatusBeforeHalt > Changed to 0x7a from 0x02
```

```
>miconCntl_PowerOff
```

```
>miconCntl_ShutdownWait
```

I fell safely.

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TS-WXL

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End processing by miconapl \(2\)](#)

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Shut down with power switch](#)

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