



## Minicomo en Linux:

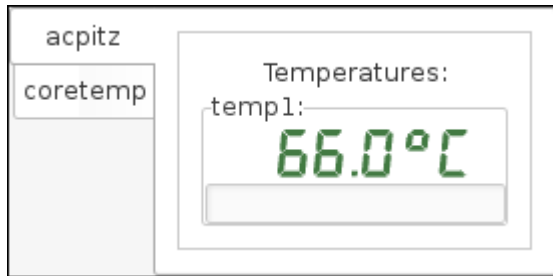
## Cómo resolver el problema de temperatura en la portatil Acer 5315

### Palabras clave:

**LinuX, sensors, temperatura, abanico, procesador, Acer, portatil.**

```
File Edit View Terminal Help
milton@debian:~/Desktop$ wget -c http://www.miltonmarte.info/descargar/acer-fancontrol.tar.gz
```

## Screenshot de Xsensors



Tendremos que revisar, y activar los sensores de la máquina, pero primero instalaremos estas aplicaciones:

1. fancontrol
2. sensors
3. xsensors
4. sensors-applet

Usaremos la consola en Ubuntu, Debian,...

sudo su

**`apt-get install xsensors sensors fancontrol sensors-applet`**

Descargar este archivo:

**`wget -c http://www.miltonmarte.info/descargar/acer-fancontrol.tar.gz`**

Descomprimir con:

**`tar xzvf acer-fancontrol.tar.gz`**

Modificamos el archivo acer\_fancontrol con:

---

```
File Edit View Terminal Help
GNU nano 2.2.4 File: acer_fancontrol
# target machine, and writes direct to main memory. Use at your own risk!
# *****
# Things you might think of varying or need to vary
# set -x
# The Patch Addresses. Select the one appropriate for your machine.
# Acer Aspire 5315 with 2 GB of RAM
#PATCH_ADDRESS=x1F6BCEAF
# Acer Aspire 5720 with 1 GB of RAM
#PATCH_ADDRESS=x3F6BCEAF
# Acer Aspire 5720 with 2 GB of RAM
PATCH_ADDRESS=x7F6BCEAF
# *****
# The fan-on and fan-off temperatures (in degrees Centigrade).
# *****
# The fan adopts different speeds, depending on the values written into DTS1
# and DTS2. By experiment, setting the temperature and listening for a change
# in the noisiness of the fan, I think the following are the break points, as
# the temperature rises.
#
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
```

```
# *****
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# Acer Aspire 5720 with 2 GB of RAM
PATCH_ADDRESS=x7F6BCEAF
# *****
# The fan-on and fan-off temperatures (in degrees Centigrade).
# *****
```

```
# *****
FAN_ON=65
FAN_OFF=55
# - The sleep between temperature checks
FAN_POLL=10
# - The thermal_zone polling_frequency.
THERM_POLL=1
# The mempat binary applies the patches, so needs to be in the PATH.
# *****
# Function to read the thermal_zone temperature
```

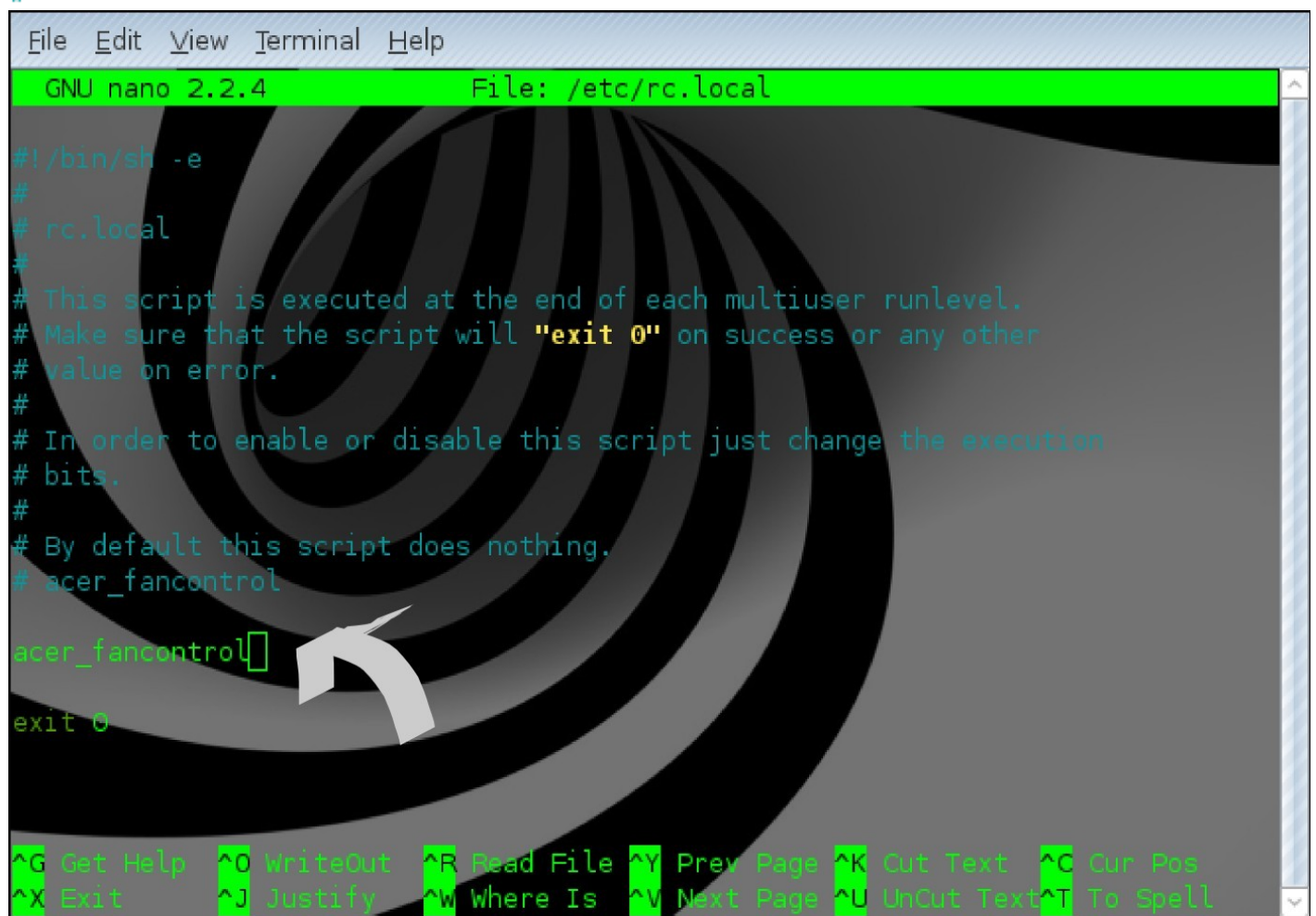
### **nano acer\_fancontrol**

Buscar esta parte ajustando el script con la memoria ram de su portatil en particular:

Esta parte es relevante, cuando tiene que prender el abanico y cuando apagar:

En mi caso que es una Acer 5315:  
50 grados: encendido del abanico  
40 grados: apagar

```
# *****  
FAN_ON=45  
FAN_OFF=40  
# - The sleep between temperature checks  
FAN_POLL=10  
# - The thermal_zone polling_frequency.  
THERM_POLL=1  
# The mempat binary applies the patches, so needs to be in the PATH.  
# *****
```



Luego, copiar los dos archivos a esta carpeta con:  
**sudo cp mempat acer\_fancontrol /usr/bin**

Para que trabaje de inmediato, editar:  
**nano /etc/rc.local**

**Nota:**

escribimos antes de exit 0:  
acer\_fancontrol

Como se observa en la imagen anterior.

Por consola como root, ejecutamos:  
Para Ubuntu Linux:

**sudo sensors-detect**

**Nota:** confirmar "yes" para toda la secuencia...

Finalizado el ajuste, ejecutamos en consola:

**./acer\_fancontrol**

Ok, listo, control de temperatura trabajando...

Lo puede verificar llamando a:  
**xsensors**

Autor:

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Thursday, March 31 2011

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**Fuentes:**

1. [www.ubuntuforums.org](http://www.ubuntuforums.org)
2. [www.esdebian.org/foro](http://www.esdebian.org/foro)
3. [www.thinkwiki.org](http://www.thinkwiki.org)