

Fixing / Resolving Fullscreen Adobe Flash issues in Debian Linux

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If you're experiencing problems with maximising flash (let's say youtube) videos on your Debian or Ubuntu or any other debian derivative.

You're not the only one! I myself has often experienced the same annoying issue.

The **flash fullscreen failures or slownesses are caused by flash player's attempts to use directly your machine hardware**, as Linux kernel is rather different than Windows and the guys from Macromedia are creating always a way more buggy port of flash for unix than it's windows versions, it's quite normal that the **flash player is unable to properly address the computer hardware on Linux**.

As i'm not programmer and I couldn't exactly explain the cause for the fullscreen flash player mishaps, I'll skip this and right give you the two command lines solution:

```
debian:~# mkdir /etc/adobe  
debian:~# echo "OverrideGPUValidation = 1" >> /etc/adobe/mms.cfg
```

This should fix it for, you now just restart your Icedove (Firefox), Epiphany Opera or whatever browser you're used to and launch some random video in youtube to test the solution, hopefully it should be okay ;) But you never know with flash let's just hope that very soon the open flash alternative **gnash** will be production ready and at last we the free software users will be freed from the evil "slavery" of adobe's non-free flash player!

Though this tip is tested on Debian based Linux distributions it should most likely work same in all kind of other Linuxes.

The tip should also probably have effect in **FreeBSD**, though the location of the adobe directory and mms.cfg should probably be **/usr/local/etc/adobe**, I'll be glad to hear from some FreeBSD user if including the **OverrideGPUValidation = 1** flash option to mms.cfg like below:

```
# mkdir /usr/local/etc/adobe  
# echo "OverrideGPUValidation = 1" >> /usr/local/etc/adobe/mms.cfg
```

would have an impact on any flash player fullscreen issues on FreeBSD and other BSD derivative OSes that run the linux-flash port.