Plymouth - Installing and Configuring Boot Screen on Debian

By default Debian Distribution doesn't come with a boot screen, but just bunch of debug messages on booting. I know I run a server-like distribution, but I like using it as a Desktop PC, Linux is Linux right?

And there comes Plymouth

Plymouth presents a graphic animation (also known as bootsplash) while the boot process is occurring in the background. It is designed to be used with the Direct Rendering Manager (DRM) modesetting drivers.

Installation

Plymouth is available on the default Debian Repository, install using APT

\$ sudo apt install plymouth plymouth-themes

Configuration

Graphics Card

I need to add modesetting for your graphics card by editing /etc/initramfs-tools/modules and add these lines

For Intel Graphic Cards

```
# KMS
intel_agp
drm
i915 modeset=1
```

For Nouveau (nVidia) Graphic Cards

```
# KMS
drm
nouveau modeset=1
```

For ATI Graphic Cards

KMS

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drm

radeon modeset=1

Bootloader

My default bootloader is grub2, I am going to edit /etc/default/grub

I have to tell grub our default screen resolution, on booting, modules and drivers are not loaded yet. I can fetch our screen resolution by typing:

```
$ xdpyinfo | grep dimensions
dimensions:
               1366x768 pixels (361x203 millimeters)
```

Here my resolution is 1366×768. I am going to find the line #GRUB GFXMODE=640×480 in /etc/default/grub, uncomment the line and add in my resolution. Making it

```
GRUB GFXMODE=1366x768
```

Search for this line GRUB CMDLINE LINUX DEFAULT="",quiet" and change it to:

```
GRUB CMDLINE LINUX DEFAULT="quiet splash"
```

Finally, update my grub configuration

sudo update-grub2

Themes

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